



Documentation to Amend Drinking Water Health Advisory in Zone F1

Joint Base Pearl Harbor Hickam (JBPHH)
O‘ahu, Hawai‘i

Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

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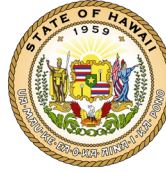
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Note: Department of Defense critical infrastructure security information (DCRIT) is not included



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Line of Evidence 0

Introduction

DOH Checklist to Amend the Public Health Advisory in Flushing Zone F1



Zone F1 Checklist to Amend the Public Health Advisory initiated November 29, 2021 for Joint Base Pearl Harbor -Hickam Public Water System No. 360 HEER Incident Case No.: 20211128-1848

Purpose: This checklist identifies the documentation and review that the Hawaii Department of Health (DOH) conducted to **amend** the Public Health Advisory (Advisory) in each Zone under the *DOH's Guidance on the Approach to Amending the Drinking Water Health Advisory*, dated December 30, 2021. This review was conducted as an oversight role in addition to the review conducted as a part of the Interagency Drinking Water System Team (IDWST).

DOH's priority is to protect the public health and environment of the people of Hawaii. DOH will evaluate the "lines of evidence" that must be met before amending the health advisory and issuing notices that the water can be used for all purposes including drinking. The Navy must also commit to following the long-term monitoring (LTM) of system water quality for this incident under the IDWST Drinking Water Sampling Plan, as amended.

Background: A chemical release of petroleum, which is a hazardous substance, entered the Joint Base Pearl Harbor-Hickam (JBPHH) drinking water distribution system and the Red Hill Shaft. This release triggered an

emergency response and DOH issuance of an Advisory on November 29, 2021 for the entire JBPHH Public Water System No. 360. State and Federal Drinking Water (DW) Maximum Contaminant Levels (MCLs) under the Safe Drinking Water Act do not adequately address petroleum contamination of drinking water. DOH has established Environmental Action Levels (EALs) and Incident Specific Parameters (ISPs) to more comprehensively monitor and respond to petroleum contaminated drinking water. Any contaminants that exceed the State and Federal DW MCLs, EALs, or ISPs require additional action prior to amending the Advisory. Satisfaction of the lines of evidence will be achieved by evaluating the data generated during the investigation conducted by the IDWST. The data will be assessed for each Zone of the Drinking Water Distribution System Recovery Plan. All lines of evidence will require documentation.

DOH Project Screening Levels: State and Federal Drinking Water MCLs, specified State EALs, and ISPs are considered in development of Project Screening Levels. The actions for the thresholds for each contaminant are listed in *DOH's Guidance on the Approach to Amending the Drinking Water Health Advisory*.

DOH Checklist to Amend the Public Health Advisory in Flushing Zone F1



Objective 0 - Introduction to Lines of Evidence Under Evaluation / Document Summary

Reference	Status	Documentation
Tab 0	Complete	DOH Checklist to Amend the Drinking Water Health Advisory.
Tab 0.1	Complete	<ul style="list-style-type: none"> Executive Summary Memo for Zone F1 Removal Action Report Signed statement by the Owner/Operator Representative of the Water System, that asserts that all lines of evidence have been met, including the following statement with a signature: "I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the submitted information is true, accurate, and complete."

Objective 1a – Line of Evidence: Reported sources of contamination are isolated and contained.

Incident Specific Criteria - Contamination from **Red Hill Shaft** is isolated from Navy's water distribution system.

Reference	Status	Documentation
Tab 1a.0	Complete	Executive Summary Memo.
Tab 1a.1	Complete	Memorandum for Record documenting that the Red Hill Shaft has been physically disconnected from the NAVFAC system.
Tab 1a.2	Complete	Memo for Record showing SCADA data that Waiawa Shaft is the single source of water for the NAVFAC system since 03 December 2021.
Tab 1a.3	Complete	Photograph of concrete blocking between air gapped isolation flanges.

Objective 1b – Line of Evidence: The regulated public water system's water quality data is compliant.

Incident Specific Criteria - Data does not exceed Federal DW MCLs, specified State EALs, and ISPs for **Waiawa Shaft (only source of the drinking water)**.

Reference	Status	Documentation
Tab 1b.0	Complete	Executive Summary Memo.
Tab 1b.1	Complete	<ul style="list-style-type: none"> Sample Results for Waiawa Shaft (the source) taken 1/13/2022 Level 4 Validated Laboratory Report for EPA Methods 8260 (VOCs), 8270 (SVOCs), 8015 (TPH-G, TPH-D, TPH-O) plus Tentatively Identified Compounds (TICs) Level 4 Validated Laboratory Report for EPA Methods 8260 (VOCs), 8270 (SVOCs), 8015 (TPH-G, TPH-D, TPH-O) plus Tentatively Identified Compounds (TICs) Sample Results of Waiawa Shaft Entry Point (after treatment) taken 1/11/2022 Level 4 Validated Laboratory Report for Sampling Plan Addendum 1, Table 3a: Distribution Sampling (Step 2b) Summary Drinking Water Analytical Methods, Analytes, Action Levels, and Method Detection Limits Level 4 Validated Laboratory Report for Sampling Plan Addendum 1, Table 3a: Distribution Sampling (Step 2b) Summary Drinking Water Analytical Methods, Analytes, Action Levels, and Method Detection Limits

DOH Checklist to Amend the Public Health Advisory in Flushing Zone F1



Objective 1c – Line of Evidence: No additional contamination through the distribution system is occurring.

Incident Specific Criteria - Cross Connection Control investigation shows distribution system is protected, resulting in no additional sources of contamination.

Reference	Status	Documentation
Tab 1c.0	Complete	Executive Summary Memo.
Tab 1c.1	Complete	<p>Certificate Regarding Cross-Connection Control Review and Confirmation – Zone F1, verifying that building and service connections with petroleum activities are protected from backflow risks with the following documentation:</p> <ul style="list-style-type: none"> A “gap analysis” of the petroleum related activities versus appropriate device inventory (i.e., inappropriate device, missing Cross-Connection Control protection, untested device, etc.). A map that includes: All facilities with petroleum activities; locations of existing backflow prevention devices; and Water system infrastructure. An inventory database: A list of petroleum-related activities and identified appropriate cross connection control (CCC) devices at these activities, as required, i.e., if there was human consumptive use and where cross connection potential or hazard was identified.
Tab 1c.2	Complete	COMNAVREG HAWAII INSTRUCTION 11330.2D, dated 19 Sep 2016, Backflow Prevention and Cross-Connection Control Program

Objective 2a – Line of Evidence: Water within the distribution system does not exceed State and Federal DW MCLs, specified State EALs, and

ISPs.

- Zone flushing plan demonstrates entire distribution system is flushed.
- Sample results show the water in distribution system does not exceed State and Federal DW MCLs, specified State EALs, and ISPs. (Guidance Table 2 and Table 3)
- Drinking water does not show sheen, olfactory evidence, or other qualitative methods of petroleum.

Reference	Status	Documentation
Tab 2a.0	Complete	Executive Summary Memo.
Tab 2a.1	Complete	<p>Memorandum for the Record of the Distribution System Recovery Plan Addendum – Zone F1 Analysis which includes:</p> <ul style="list-style-type: none"> Hydraulic model that exhibits and flushing line map(s) and plan to show that the flushing approach will achieve directional flushing. A one-page high resolution zonal flushing map should be provided. Narrative of assumptions in the development of their flushing model inclusive of any simulations that they ran.
Tab 2a.2	Complete	Summary with documentation from Dr. Whelton discussing flushing goals providing validity of volumetric exchange model.

DOH Checklist to Amend the Public Health Advisory in Flushing Zone F1



Objective 2a – Line of Evidence: Water within the distribution system does not exceed State and Federal DW MCLs, specified State EALs, and

ISPs.

- Incident Specific Criteria –
- Zone flushing plan demonstrates entire distribution system is flushed.
 - Sample results show the water in distribution system does not exceed State and Federal DW MCLs, specified State EALs, and ISPs. (Guidance Table 2 and Table 3)
 - Drinking water does not show sheen, olfactory evidence, or other qualitative methods of petroleum.

Reference	Status	Documentation
Tab 2a.3	Complete	Identification of consecutive flushing zones and flushing phasing order. Time based contaminant slug model showing possible migration of contaminant from Red Hill Shaft used to identify zones requiring additional volumetric flushing (Hydraulic Model)
Tab 2a.4	Complete	Table showing volumetric goals and recorded flushing volumes that occurred in the field for the distribution system.
Tab 2a.5	Complete	Certification of Water Storage Facilities and Water Source for Zone F1 with Water Storage Tanks S1 and S2 Flushing Report.
Tab 2a.6	Complete	<ul style="list-style-type: none"> • Distribution System Exceedance Investigation Summary and Results. • Drinking Water Distribution System Recovery Plan: Stage 2 Sampling Results for Zone F1, JBPHH.

Objective 2b – Line of Evidence: Water in premise plumbing of homes/buildings does not exceed State and Federal DW MCLs, specified State

EALs, and ISPs.

- Incident Specific Criteria –
- Flushing Plan includes procedures to ensure no service connections will re-contaminate the distribution system.
 - Sample Plan includes 72-hour stagnation to account for leaching of contaminants from premise plumbing.
 - Sample results show water in premise plumbing of homes/buildings does not exceed State and Federal DW MCLs, specified State EALs, and ISPs.

Reference	Status	Documentation
Tab 2b.0	Complete	Executive Summary Memo.
Tab 2b.1	Complete	Records of Completed Residential and Non-Residential Flushing Zone F1 with: <ul style="list-style-type: none"> • EDMS Residential Flushing Records Zone F1 • EDMS Non-Residential Flushing Records Zone F1 • NAVFAC SCADA Data Zone F1 28 Dec 2021 to 12 Jan 2022 (for the Distribution System pressure logs during flushing and confirmation that the 30 psi within the distribution system was maintained).
Tab 2b.2	Complete	Sample Results, Level 2 and Level 4 Validated as required by Sampling Plan Section 6.0, report from EDMS.
Tab 2b.3	Complete	Exceedance Investigation Summary and Results Zone F1.
Tab 2b.4	Complete	Memorandum for Record showing that irrigation flushing is complete.

DOH Checklist to Amend the Public Health Advisory in Flushing Zone F1



Objective 2b – Line of Evidence: Water in premise plumbing of homes/buildings does not exceed State and Federal DW MCLs, specified State EALs, and ISPs.		
Incident Specific Criteria –		
<ul style="list-style-type: none"> Flushing Plan includes procedures to ensure no service connections will re-contaminate the distribution system. Sample Plan includes 72-hour stagnation to account for leaching of contaminants from premise plumbing. Sample results show water in premise plumbing of homes/buildings does not exceed State and Federal DW MCLs, specified State EALs, and ISPs. 		
Reference	Status	Documentation
Tab 2b.5	Complete	DOH Guidance for Active Irrigation Line Purging and Flushing

March 3, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: ZONE F1 REMOVAL ACTION REPORT

Ref: (a) Drinking Water Sampling Plan, December 2021
(b) Drinking Water Distribution System Recovery Plan, December 2021
(c) Single Family Home Flushing Plan Checklist and Standard Operating Procedures, December 23, 2021
(d) Non-Residential Facility Flushing Plan Checklist and Standard Operating Procedures, January 4, 2022
(e) DOH's Guidance on the Approach to Amending the Drinking Water Health Advisory, December 30, 2021; HEER Incident Case No.: 20211128-1848
(f) DOH Checklist to Amend the Drinking Water Health Advisory

Encl: (1) Zone F1 Removal Action Report

1. The enclosed report documents completion of the requirements outlined in references (a) through (f). This is in response to HEER Incident Case No.: 20211128-1848 involving the Joint Base Pearl Harbor Hickam (JBPHH) Public Water System No. 360.

2. On the 20th of November, a spill of jet fuel, specifically JP-5 jet fuel, occurred at the Red Hill Bulk Fuel Storage Facility in an access tunnel that provides fire suppression and service lines for the facility. The fuel spill was cleaned up and, on the 23rd of November, Admiral Paparo, directed an independent investigation of the spill event, and ordered the investigating officer to also determine any connection between the 20 November event and the spill that occurred earlier this year, on the 6th of May. The results of the investigation are pending public release.

On the 27th of November, the Commander, Navy Region Hawaii, RDML Tim Kott, met with the Fleet Logistics Center Commander, who operates The Red Hill Fuel Storage Facility for the Navy, and they jointly made the decision to stop Red Hill Tank fuel transfer operations based on the ongoing investigation into the recent spills.

On Sunday, the 28th of November, the JBPHH HQs and Hawaii Department of Health (HDOH) began receiving phone calls from military residents reporting a chemical or petroleum taste and smell to the water on the Navy's drinking water system. As more calls were received, it became clear that the reports were clustered around neighborhoods fed by the Red Hill Shaft Well, so the Navy, on the evening of the 28th of November, shut down that well and stood up the Region's Emergency Operations Center to handle the issue. As more calls continued to come in of contaminated water over the next 24 hours, Admiral Paparo, as the senior Navy commander in Hawaii, ordered the establishment of a Joint Crisis Action Team on the 29th of November. The Navy immediately began flushing its potable water distribution system.

On December 8, 2021, HDOH issued Directive One which provided requirements for flushing of the Navy Water System. The Navy began working with HDOH and the U.S. Environmental Protection Agency (EPA) to meet the requirements of this directive and resume flushing of the potable water system.

On December 17, 2021, HDOH, the U.S. Navy, the U.S. Army and EPA established an Interagency Drinking Water System (IDWS) Team to restore safe drinking water to affected JBPHH housing communities. The working group was established to ensure that the agencies were coordinated in actions to restore safe drinking water to Navy water system users and that they had a clear, coordinated source of information as work continued to restore safe drinking water. On the same day, the U.S. Navy, U.S. Army, HDOH, and the EPA jointly signed the Water Distribution System Recovery Plan agreement. The signing of this plan was the second work product of the IDWS Team, which is focused on efficiently and effectively restoring safe drinking water to JBPHH military housing communities. Earlier in that week, the team jointly signed the Drinking Water Sampling Plan.

The flushing of the water distribution lines resumed on December 20, 2021. Residence and non-residence facilities were flushed and sampled after the completion of flushing and testing of the distribution system of a specific Zone. This report specifically documents the requirements outlined in references (a) through (f) for Zone F1.

3. The removal action report (RAR) for Zone F1 documents two specific lines of evidence necessary to amend the drinking water health advisory for Zone F1 as provided by HDOH. The two lines of evidence under evaluation included:

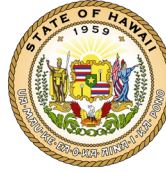
- i. Ensure no contamination is entering the water system.
- ii. Ensure no contamination remains in the system and water chemistry concerns are addressed.

Each line of evidence has several objectives with specific lines of evidence and incident specific criteria required to be met. Achievement of the criteria will be described and supported with documentation in the subsequent sections of the RAR.

4. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

MENO.MICHAELWA
EL.WAYNE.JR. YNEJR.1088310035
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M. W. Meno
Captain, U.S. Navy Civil Engineer Corps



Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

Line of Evidence 1a

All Reported Sources of Contamination Are Isolated and Contained

Table 1: Lines of Evidence Under Evaluation – Ensure no contamination is entering the water system.

Objective 1a - All reported sources of contamination are isolated and contained.

Incident Specific Criteria - Contamination from **Red Hill Shaft** is isolated from Navy's water distribution system.

Lines of Evidence	Completion Status	Outstanding Items
Navy confirmation that Red Hill Shaft is isolated from the Navy's water distribution system.	Complete.	<ul style="list-style-type: none">• None.

February 19, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: SUMMARY OF LINE OF EVIDENCE OBJECTIVE 1A – ALL REPORTED SOURCES OF CONTAMINATION ARE ISOLATED AND CONTAINED

Encl: (1) 1a.1 Memorandum for Record with Isolation Date
(2) 1a.2 Summary of Operator Logs and SCADA Data
(3) 1a.3 Photograph of Concrete Blocking Between Air Gapped Isolation Flanges

1. Enclosures (1), (2), and (3) document completion of Line of Evidence objective 1a, all reported sources of contamination are isolated and contained. On the evening of November 28, 2021, the Red Hill Shaft was secured from operation and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on November 28, 2021, but it was shut down on December 3, 2021 to prevent potential westward contaminant migration in the aquifer and because there were concerns over high chloride concentrations caused by saltwater intrusion. Since December 3, 2021, the Waiawa Shaft has been the sole water source providing potable water to the distribution network. It is located 5.5 miles west of the Red Hill Fuel Facility, and testing has not detected any water quality issues at this source. The Red Hill Shaft discharge pipes were physically re-arranged and encased in concrete on December 24, 2021 as shown in Enclosure (1) and (3), thereby isolating the system as required by Line of Evidence 1a. The Supervisory Control and Data Acquisition (SCADA) data in Enclosure (2) shows the previous statement to be true. All reported sources of contamination are isolated and contained.

2. The Red Hill Shaft pumps are now being used to control the spread of contamination by creating a capture zone in the aquifer by pumping to a 5 million gallons/day Granular Activated Carbon (GAC) system which discharges into the Halawa Stream. The new piping from the pumps to the GAC treatment came from the 20" header where the 20x24 reducer was removed on 24 DEC 2021. A thrust block was poured at this location around the existing blinded wye fitting as shown in Enclosure (3).

3. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and I believe the submitted information is true, accurate, and complete.

WETZEL.CHRISTOPHE
R.JAMES.1540194862

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WETZEL.CHRISTOPHER.JAMES.15
40194862
Date: 2022.02.19 12:23:47 -08'00'

C. J. Wetzel
LT, CEC, USN

04 JANUARY 2022

MEMORANDUM FOR RECORD

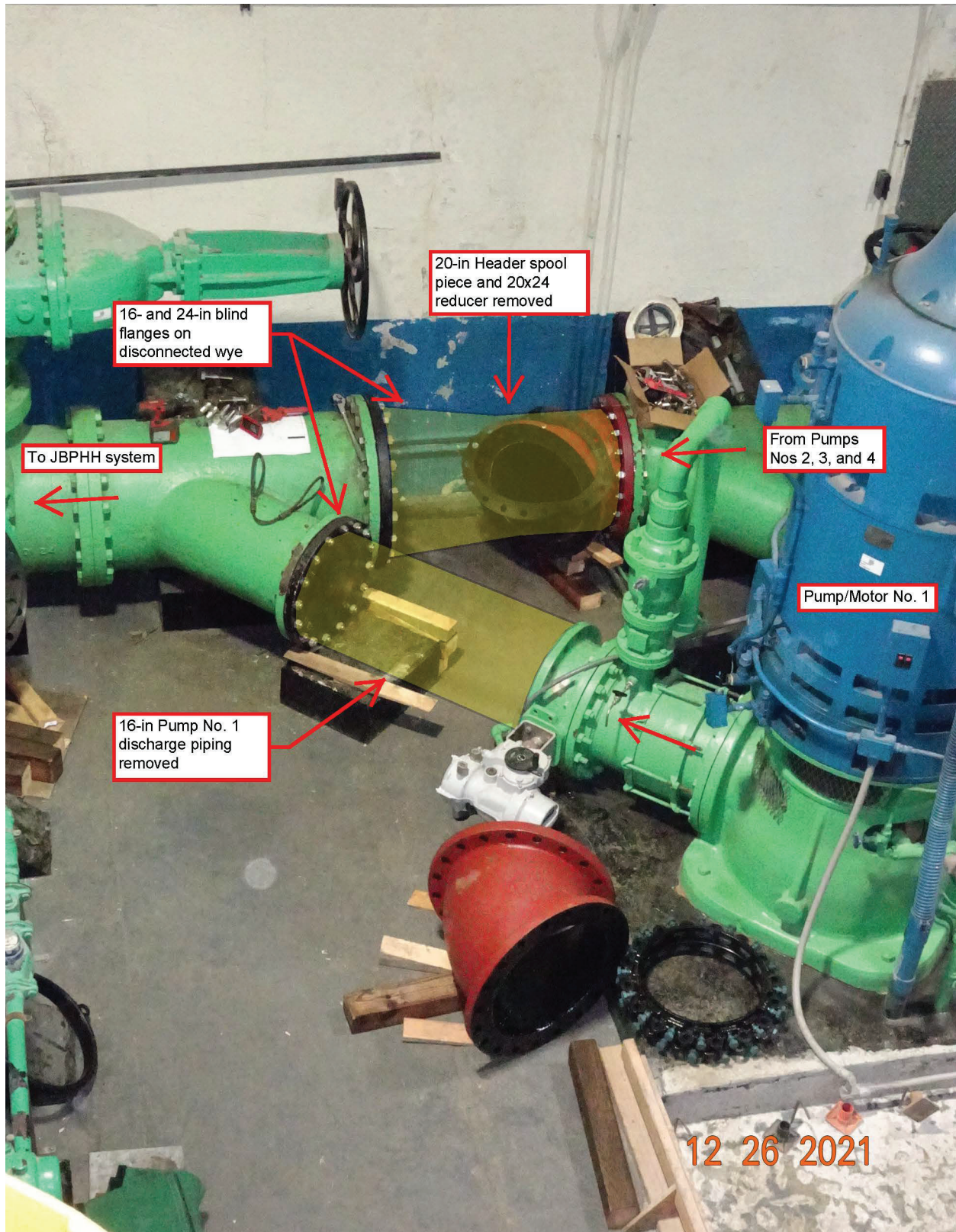
SUBJECT: Red Hill Potable Water Pumping Station

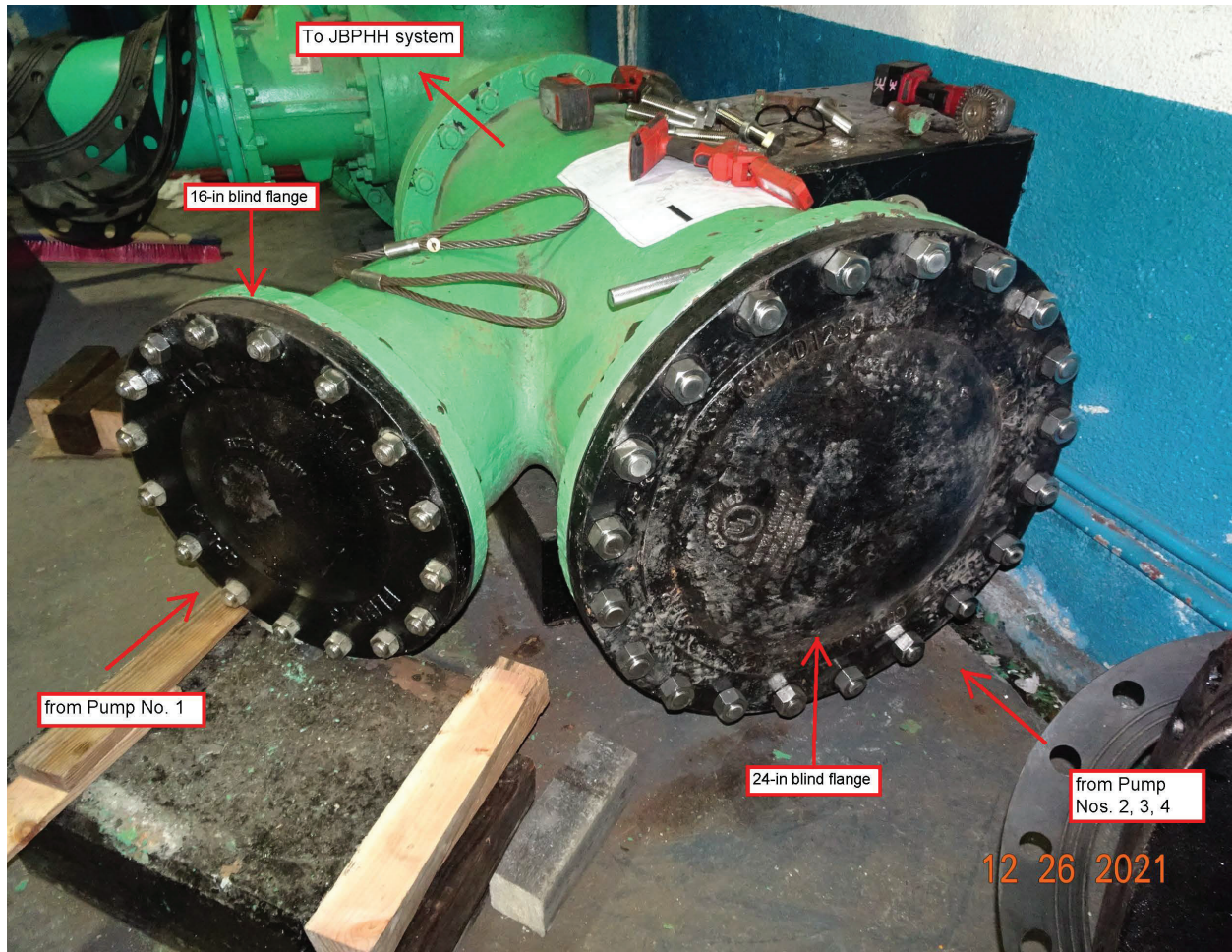
ENC: (1) Red Hill Pump Station Photographs, Post Pump Isolation dated 12/26/2021
(2) JBPHH Potable Water LOTO Log

1. This Memorandum For Record (MFR) is to document the Red Hill Shaft pump status in relation to the Joint Base Pearl Harbor Hickam Potable Water System.
2. In response to fuel contaminants found in the Red Hill Shaft aquifer/development tunnel, the main Red Hill Pumping Station pumps were secured from the Potable Water system. On 3 December 2021, all four Red Hill pumps were electrically Locked Out, Tagged Out (LOTO), see Enclosure (2). (Note: Pump #1 was LOTO on 10 June 2020 due to an unrelated pump issue, and is still out of service, LOTO.) After initially being shut down operationally, and LOTO electrically, the Red Hill pumps were physically isolated from the Potable Water system on 24 December 2021.
3. Physical isolation was performed with in-house NAVFAC forces, with a completion date of 24 December 2021. This work was performed by isolating the system from the pumps at the "wye" fitting adjacent to Red Hill Pump #1. The wye fitting is shown on Enclosure (1). A blind flange was placed on the main header and the wye branch.
4. The 24" blind flange on the main header physically air-gapped and isolated Red Hill pumps #2, #3, and #4. The 16" blind flange in the wye branch physically air-gapped and isolated Red Hill pump #1. This work is shown on Enclosure 1.
5. The work the NAVFAC in-house forces performed removed any source or pathway from the Red Hill aquifer to the JBPHH Potable Water system.

MITCHELL.JEREMY.W.1395400700
J. MITCHELL
Deputy Public Works Officer
Joint Base Pearl Harbor Hickam

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NAVFAC Hawaii - Potable Water Utilities Lock Out Tag Out (LOTO) Form



Locked Out		Back in Service		Location	Circuit / Equipment being LOTO	Reason for LOTO	Lock No.	Tag No.	Authorized Employee
Date	Time	Date	Time						
18 MAR 20	0930			REDHILL	MP#1	Pump overhaul		010	Dykky
5 JUN 20		20 MAR 21	1200	WAIANUA	CD #20	FAULT IN OVERHAUL		1	
10 JUN 20	0900			REDHILL	PUMP CONTROL MP#1	PUMP OVERHAUL		011	Dykky
10 JUN 20	0900			REDHILL	NCC MP#1	PUMP OVERHAUL		012	Dykky
10 JUN 20	0945			WAIANUA	CD #40	FAULT-PUMP CONTROLS		2	AN
10 MAY 21				HALANUA	NCC#1	MOTOR FAULT		3	AN
2 JUN 21	0800			WAIANUA	CD#80	FAULT PUMP CONTROLS		5	AN
2 JUN 21	0800	30 JUN 21	2030	WAIANUA	CD#100	HECO OUTAGE		4	AN
2 JUN 21	0900			HALANUA	NCC #2	PUMP REMOVED		6	AN
30 JUN 21	2330	7 JUL 21	1900	WAIANUA	CD#10	FAIL TO CLOSE		8	AN
19 JUL 21	0745	19 JUL 21	0900	HALANUA	EXHAUST FAN	REPLACE OIL			DS
17 NOV 21	1230			HALANUA	PUMP #1	PUMP FAIL			AN
17 NOV 21	1230			WAIANUA	PUMP #2	MOTOR FAIL			AN
30 DEC 21	0925			REDHILL	NCC MP#2	COMPRESSOR INTERFERE WELK IS WELL			AN

[illegible]

February 10, 2022

SUMMARY OF OPERATOR LOGS AND SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) DATA

1. OBJECTIVE: Provide a description of water sources that supplied the Joint Base Pearl Harbor Hickam (JBPHH) potable water system (system) prior-to and after the fuel contamination incident that occurred in late November 2021.

2. BACKGROUND:

2.1. Portions of the Navy water distribution system serving JBPHH and surrounding areas were exposed to low levels of fuel contamination with initial indications in the form of smell reports occurring on or about 28 November 2021.

2.2. Prior to the aquifer contamination incident, water users connected to the Navy's system were supplied by three Navy owned water sources, Red Hill Shaft, Aiea/Halawa Shaft and Waiawa Shaft. In the time period prior to the incident, Waiawa Shaft was the main water source supplying water to the JBPHH system with at least one pump operating full time (100%). A single Red Hill Shaft pump was operated intermittently as a secondary source to the system. The Aiea/Halawa shaft was not being operated due to concerns over high chloride concentrations caused by saltwater intrusion into the aquifer.

2.3. On the evening of 28 November 2021, the Red Hill Shaft was secured and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on 28 November 2021 but was shut down on 03 December 2021 to prevent westward contaminant migration in the aquifer.

2.4. Since 03 December 2021, Waiawa Shaft has been the sole water source providing potable water to the distribution network. It is located 5.5 miles west of the Red Hill Fuel Facility and testing has not found any water quality issues at this source.

3. DATA INTERPERETATION: The Supervisory Control and Data Acquisition (SCADA) data provided in reference (a) includes tabular and graphical depictions of flow from the three source pump stations, aquifer water surface elevations above mean sea level (MSL) and the water level in the 6 million gallon (MG) S1 and S2 water storage tanks. The data was provided as a daily average (i.e. data was averaged over the 24 hours of each day from 00:00 to 23:59) and ranges from 01 November 2021 to 08 January 2022.

3.1 WAIAWA SHAFT/PUMP STATION: Prior to 28 November, The Waiawa Pump Station (PS) was supplying an average of 16.6 million gallons per day (MGD) of potable water to the system. After 28 November, demand reductions from turning off irrigation and smaller residential demand reduced the water supplied by the Waiawa PS to an average of 15.5 MGD. This was 76% of the 22 MGD total system demand prior to 28 November 2021.

There was an inverse correlation between the aquifer water surface elevation and water pumped out of the aquifer. When Waiawa PS was pumping between 16 and 18 MGD, the aquifer water surface elevation dropped to between 8.0 and 10.0 feet MSL. When pumping was reduced between 15 and 16 MGD, the aquifer water surface was raised to between 15.0 and 17.0 feet

above MSL. See Figure 1 below for a graphical depiction of the daily average aquifer water surface elevation and pumps flows from Waiawa Shaft.

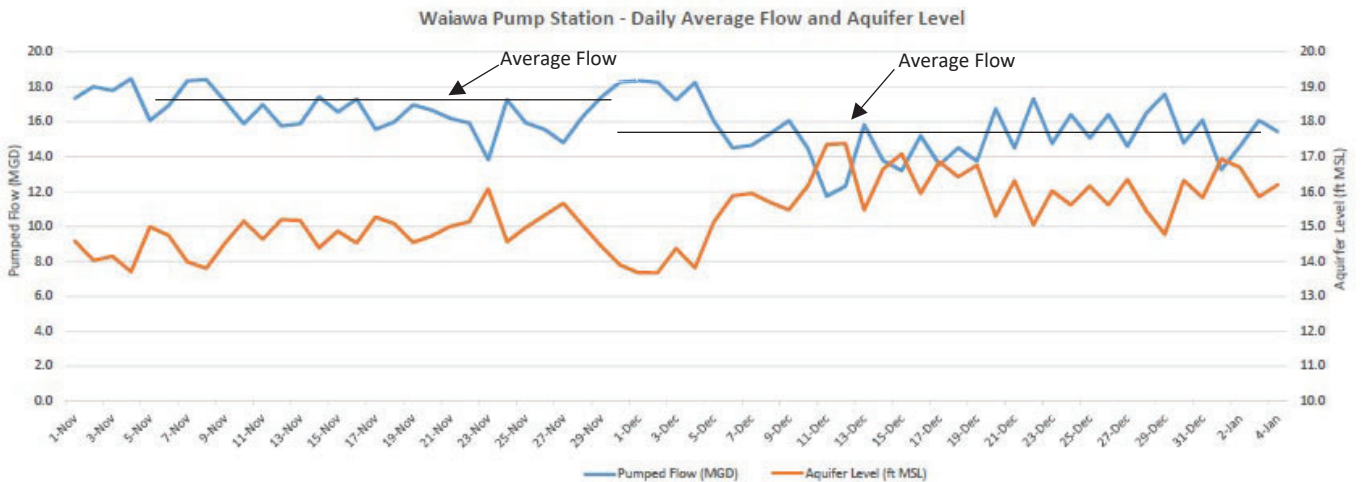


Figure 1. Waiawa Shaft Daily Average Flows and Aquifer Water Surface Elevation

3.2 RED HILL SHAFT/PUMP STATION: Prior to being shut down on 28 November 2021, the Red Hill PS was supplying an average of 5.3 MGD to the system. The represented 24% of the 22 MGD total system demand. As shown in Figure 2, the Red Hill Pump Station has not been operated since 28 November 2021.

Since pumping ceased, the aquifer water surface elevation has raised from approximately 2 ft MSL to almost 6 ft MSL

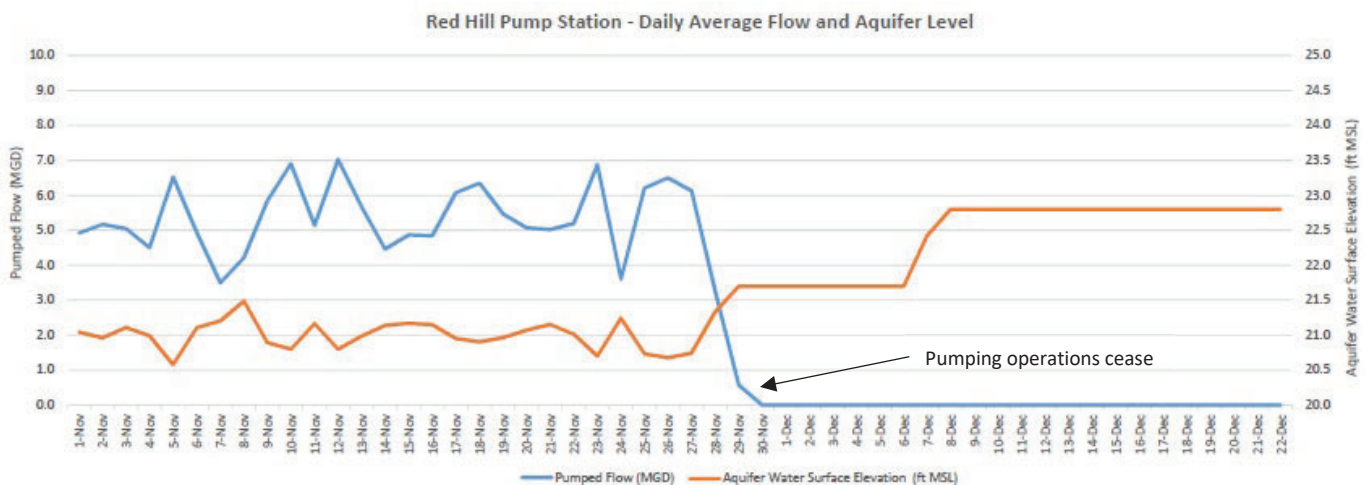


Figure 2. Red Hill Shaft Daily Average Flows and Aquifer Water Surface Elevation

3.3 HALAWA/AIEA SHAFT/PUMP STATION: Halawa Shaft was briefly operated from 28 November to 03 December 2021. The reasons for shutdown are as follows:

1. Demand reductions made it so that Waiawa Shaft could supply 100% of the water to the system,

2. there were concerns over westward plume migration from Red Hill if Halawa remained active,
3. water system operators had advised that high chloride concentrations in the Halawa/Aiea Shaft had caused water quality problems in the past.

The aquifer water surface elevation was around 12.0 ft MSL prior to turning the pumps on at the Halawa/Aiea PS. After the pumping ceased, the aquifer recovered to around 12.8 ft MSL.

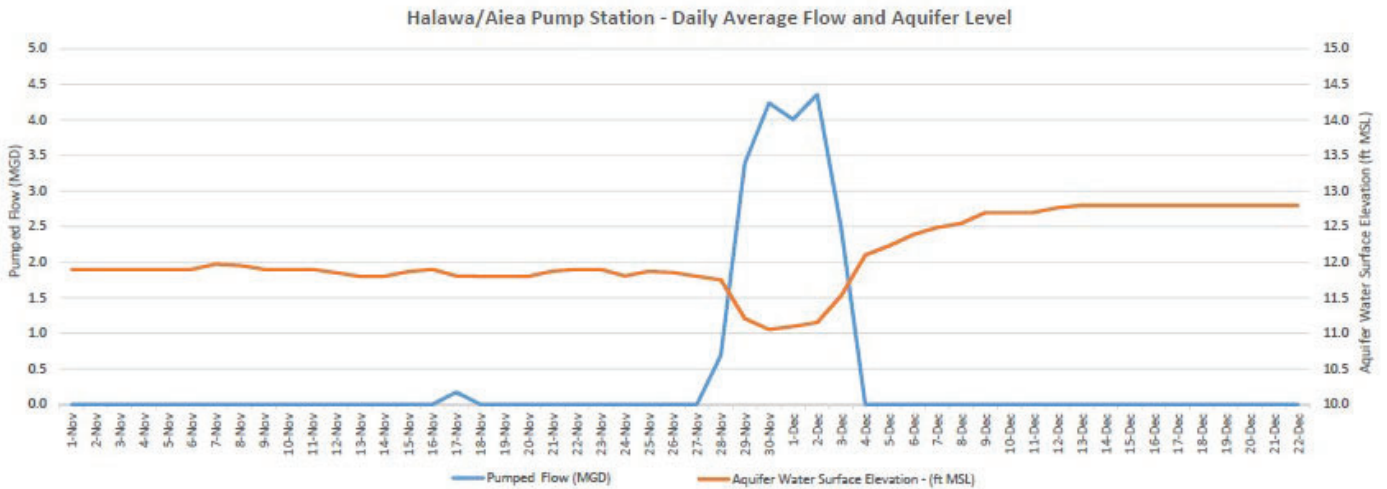


Figure 2. Halawa/Aiea Shaft Daily Average Flows and Aquifer Water Surface Elevation

**Photograph of Concrete Blocking Between
Air Gapped Isolation Flange**





Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

Line of Evidence 1b

**Regulated Public Water System's Water Quality Data is
Compliant**

Table 1: Lines of Evidence Under Evaluation – Ensure no contamination is entering the water system.

Objective 1b - The regulated public water system's water quality data is compliant.

Incident Specific Criteria - Data does not exceed Federal DW MCLs, specified State EALs, and ISPs for **Waiawa Shaft**.

Lines of Evidence	Completion Status	Outstanding Items
Date Sample Taken at Step 0 of the Sampling Plan Addendum 1	Complete	<ul style="list-style-type: none">None.
Date Sample Taken at Entry Point to Distribution	Complete	<ul style="list-style-type: none">None.

February 17, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: SUMMARY OF LINE OF EVIDENCE OBJECTIVE 1B – THE REGULATED PUBLIC WATER SYSTEM’S WATER QUALITY IS COMPLIANT

Encl: (1) 1b.1 Source Water and Entry Point of Distribution Sample

1. Enclosure (1) documents completion of Line of Evidence 1b, the regulated public water system’s water quality is compliant. On the evening of November 28, 2021, the Red Hill Shaft was secured from operation and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on November 28, 2021, but it was shut down on December 3, 2021 to prevent potential westward contaminant migration in the aquifer and because there were concerns over high chloride concentrations caused by saltwater intrusion. Since December 3, 2021, the Waiawa Shaft has been the sole water source providing potable water to the distribution network. It is located 5.5 miles west of the Red Hill Fuel Facility, and testing has not detected any water quality issues at this source.
2. On January 11, 2022, water from the Waiawa shaft was sampled at the entry point to the distribution system (EPD). The results of the analysis are presented in Enclosure (1), Field Sample ID 20111-WS-ZT01. On January 13, 2022, additional samples were taken at the Waiawa shaft source. The results of these samples are also presented in Enclosure (1), Field Sample IDs 220113-WS-ZT01 and 220113-WS-ZT03. This data shows that the water from the Waiawa shaft does not exceed State of Hawaii and Federal Drinking Water standards, Maximum Contaminate Levels, Environmental Action Levels and Incident Specific Parameters, and the regulated public water system’s water quality is complaint.
3. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and I believe the submitted information is true, accurate, and complete.

RODRIGUEZ.ALBERTO
.MAURICIO.13963161
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A. M. Rodriguez
LT, CEC, USN

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RODRIGUEZ.ALBERTO.MAURICIO.
1396316168
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1b.1 Source Water and Entry Point of Distribution Sample

Well Shaft Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:					EPD	Shaft	Shaft
Location Type:					I1-SHFTWAIA	I1-SHFTWAIA	I1-SHFTWAIA
Residence:					Well	Well	Well
Field Sample ID:					Waiawa Shaft	Waiawa Shaft	Waiawa Shaft
Sample Date:					220111-WS-ZT01	220113-WS-ZT01	220113-WS-ZT03
Sample Type:					2022-01-11	2022-01-13	2022-01-13
					N (PostChlorination Sample)	N (PreChlorination Sample)	N (PreChlorination Sample)

GENCHEM (mg/L)	Incident Specific Parameters	Environmental			DOH Safe Drinking Water Branch (SDWB)			Environmental Protection Agency Maximum Contaminant Levels			SDG: 810121191	
		Action Levels	Groundwater	Table D-1A	Regulatory Constituents	None	None	None				
Total Organic Carbon	2	None								0.190 U	--	0.250 U

		Environmental		DOH Safe Drinking Water Branch		Environmental Protection Agency	
HC (µg/L)	Incident Specific Parameters	Action Levels		Water Branch (SDWB)		Maximum Contaminant Levels	
		Table D-1A	Groundwater	Regulatory Constituents			
Petroleum Hydrocarbons (as Diesel)	200	400		None	None	90.0 U	91.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300		None	None	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500		None	None	180 U	180 U

HERB (µg/L)	Environmental			DOH Safe Drinking Water Branch (SDWB)			Environmental			SDG: 980559
	Incident Specific Parameters	Action Levels	Table D-1A	Water Branch Regulatory Constituents	Protection Agency Maximum Contaminant Levels					
		None	Groundwater	Regulatory Constituents	Contaminant Levels					
		None	Action Levels	Constituents	Levels					
		None	None	None	None	None	None	None		
Pentachlorophenol	None	None	None	None	None	---	---	0.0200 U		

HG (µg/L)	Environmental		DOH Safe Drinking Water Branch (SDWB)		Environmental	
	Incident Specific Parameters	Action Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG:	
		Table D-1A Groundwater			2A12046	
Mercury	0.025	0.025	2	2	0.0170 U	--

METAL (µg/L)	Incident Specific Parameters	Environmental			DOH Safe Drinking Water Branch			Environmental Protection Agency			SDG: 980559
		Table D-1A		Regulatory Constituents	Maximum Contaminant Levels		SDG: 2A12046				
		Groundwater Action Levels									
Antimony	6	6	6	6	6	0.0915 J	--	0.110 U			
Arsenic	10	10	10	10	10	0.207 J	--	0.210 U			
Barium	220	220	2000	2000	2000	1.72	--	1.80 J			
Beryllium	0.66	0.66	4	4	4	0.0624 U	--	0.0910 U			
Cadmium	3	3	5	5	5	0.0416 U	--	0.0290 U			
Chromium	11	11	100	100	100	1.46	--	1.50			
Copper	2.9	2.9	1300	1300	1300	21.2	--	46.0			
Lead	15	5.6	15	15	15	0.265	--	0.0630 J			
Selenium	5	5	50	50	50	0.704	--	0.350 J			
Thallium	2	2	2	2	2	0.0210 U	--	0.0410 U			

SVOC (µg/L)	Incident Specific Parameters	Environmental		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency	
		Groundwater Action Levels	Regulatory Constituents	Maximum Contaminant Levels			

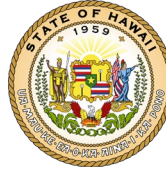
1b.1 Source Water and Entry Point of Distribution Sample

Well Shaft Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

1,2,4-Trichlorobenzene	70	70	70	70	EPD	Shaft	Shaft
					--	0.0930 U	--
1,2-Dichlorobenzene	10	10	600	600	--	0.0520 U	--
1,3-Dichlorobenzene	None	None	None	None	--	0.0410 U	--
1,4-Dichlorobenzene	5	5	75	None	--	0.0410 U	--
1-Methylnaphthalene	2.1	10	None	None	0.00801 U	--	0.0190 U
2,4,5-Trichlorophenol	None	None	None	None	--	0.100 U	--
2,4,6-Trichlorophenol	None	None	None	None	--	0.100 U	--
2,4-Dichlorophenol	None	None	None	None	--	0.210 U	--
2,4-Dimethylphenol	None	None	None	None	--	0.170 U	--
2,4-Dinitrophenol	None	None	None	None	--	1.70 U	--
2,4-Dinitrotoluene	None	None	None	None	--	0.100 U	--
2,6-Dinitrotoluene	None	None	None	None	--	0.100 U	--
2-Chloronaphthalene	None	None	None	None	--	0.0720 U	--
2-Chlorophenol	None	None	None	None	--	0.0520 U	--
2-Ethylhexyl adipate	None	None	None	None	0.00962 U	--	--
2-Methylnaphthalene	4.7	10	None	None	0.00904 U	--	0.0190 U
2-Methylphenol (o-Cresol)	None	None	None	None	--	0.0520 U	--
2-Nitroaniline	None	None	None	None	--	0.100 U	--
3,3'-Dichlorobenzidine	None	None	None	None	--	0.270 U	--
3-Nitroaniline	None	None	None	None	--	0.170 U	--
4,6-Dinitro-2-methylphenol	None	None	None	None	--	0.570 U	--
4-Bromophenyl phenyl ether	None	None	None	None	--	0.0620 U	--
4-Chloro-3-methylphenol	None	None	None	None	--	0.130 U	--
4-Chloroaniline	None	None	None	None	--	0.610 U	--
4-Chlorophenyl phenyl ether	None	None	None	None	--	0.0520 U	--
4-Nitroaniline	None	None	None	None	--	0.220 U	--
4-Nitrophenol	None	None	None	None	--	1.80 U	--
Acenaphthene	None	None	None	None	--	0.0520 U	--
Acenaphthylene	None	None	None	None	--	0.0620 U	--
Alachlor	None	None	None	None	0.0110 U	--	0.0480 U
Anthracene	None	None	None	None	--	0.0520 U	--
Atrazine	None	None	None	None	0.00734 U	--	0.0290 U
Benzo(a)anthracene	None	None	None	None	--	0.0520 U	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.0117 UJ	0.0410 U	0.00960 U
Benzo(b)fluoranthene	None	None	None	None	--	0.0410 U	--
Benzo(g,h,i)perylene	None	None	None	None	--	0.0410 U	--
Benzo(k)fluoranthene	None	None	None	None	--	0.0520 U	--
Benzyl butyl phthalate	None	None	None	None	--	0.280 U	--
Bis(2-chloroethoxy)methane	None	None	None	None	--	0.0520 U	--
Bis(2-chloroethyl) ether (2-Chloroethyl ether)	None	None	None	None	--	0.0310 U	--
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.437 U	0.770 U	0.580 U
Carbazole	None	None	None	None	--	0.100 U	--
Chlordane	None	None	None	None	0.0669 U	--	0.0320 U
Chrysene	None	None	None	None	--	0.0410 U	--



Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

Line of Evidence 1c

**No Additional Contamination through the Distribution
System is Occurring**

Table 1: Lines of Evidence Under Evaluation – Ensure no contamination is entering the water system.

Objective 1c - No additional contamination through the distribution system is occurring.

Incident Specific Criteria - Cross Connection Control investigation shows distribution system is protected, resulting in no additional sources of contamination.

Lines of Evidence	Completion Status	Outstanding Items
No contamination of the distribution system is occurring from cross-connections with other petroleum sources during this incident	Complete	<ul style="list-style-type: none">• None.
Cross Connection Control/Backflow Program-related documents	Complete	<ul style="list-style-type: none">• None.

February 19, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: SUMMARY OF LINE OF EVIDENCE OBJECTIVE 1C – NO ADDITIONAL
CONTAMINATION THROUGH THE DISTRIBUTION SYSTEM IS OCCURRING

Encl: (1) 1c.1 Certification of Inventory and Petroleum Facility Locations with Associated
Backflow Preventers.
(2) 1c.2 Backflow Prevention and Cross-Connection Control Program Instruction

1. Enclosures (1) and (2) document completion of Line of Evidence 1c, no additional contamination through the distribution system is occurring. On the evening of November 28, 2021, the Red Hill Shaft was secured from operation and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on November 28, 2021, but it was shut down on December 3, 2021 to prevent potential westward contaminant migration in the aquifer and because there were concerns over high chloride concentrations caused by saltwater intrusion. Since December 3, 2021, the Waiawa Shaft has been the sole water source providing potable water to the distribution network. It is located 5.5 miles west of the Red Hill Fuel Facility, and testing has not detected any water quality issues at this source.

2. Enclosure (1) identifies all water service connections where petroleum activities exist and documents adequate backflow prevention devices installed at those petroleum service activities. Enclosure (2) provides the governing instructions for backflow prevention devices referenced in Enclosure (1). This data shows that no additional contamination through the water distribution system is occurring.

3. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and I believe the submitted information is true, accurate, and complete.

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A. M. Rodriguez
LT, CEC, USN



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND, HAWAII
400 MARSHALL ROAD
JBPHH, HAWAII 96860-3139

11000
Ser PWO/0089
March 05, 2022

Director of the State of Hawaii
Department of Health (DOH)

Dear DOH Director:

SUBJECT: CERTIFICATE REGARDING CROSS CONNECTION CONTROL REVIEW
AND CONFIRMATION – ZONE F1

Enclosure: [1] ZONE F1: POL Activities Backflow Prevention Devices
[2] ZONE F1: POL Activities Map

On behalf of the United States Department of the Navy, operator of the Joint Base Pearl Harbor-Hickam Public Water System (PWS ID No. 360 Water System), and in connection with and pursuant to the removal action required by the DOH Hazard Evaluation and Emergency Response Office Incident Case No. 20211128-1848, the undersigned certifies that the Navy has made all necessary inquiry into their Water System and represents and warrants as set forth below.

All service connections where petroleum activities exist in the Water System, **Zone F1**, are identified in Enclosure [1], “Zone F1: POL Activities Backflow Prevention Devices.” Petroleum activities include, but are not limited to, operating or having gas stations, fuel storage, facilities with aboveground or underground storage tanks (>100-gallon capacity), fuel transfer, motor pools, vehicle maintenance facilities, fuel recovery pits, waste oil collection facilities or systems.

All service connections where petroleum activities exist, as identified in Enclosure [1] have adequate backflow protection as recommended by and in accordance with COMNAVREGHINST 11330.2D, BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL PROGRAM. Adequate backflow protection includes installation of devices appropriate to the identified hazard condition, correct design and installation of the device, timely testing by a certified tester, and regular maintenance/repair/replacement.

B 2641 is a former Auto Skills Center that has been closed and out of service since fall 2021. No POL activities occur at this location. However, the backflow certification info is as follows:

Irrigation	Watts 2" 909	S/N N-89934	Asset SA-FWI 1071	Cert 5/6/21
Potable	Febco 1.5" 825Y	S/N A222696	Asset SA-FWI 0483BP	Cert 5/7/21

All facilities identified with adequate backflow protection have had their assemblies tested by a DOH-approved certified tester in the past year in accordance with Hawaii Administrative Rules, Title 11-21-8(b) Maintenance requirements.

SUBJECT: CERTIFICATE REGARDING CROSS CONNECTION CONTROL REVIEW
AND CONFIRMATION – ZONE F1

The Navy has committed to the funding and performance in FY2022 of a comprehensive cross connection control survey of the entire JBPHH water system per the December 2021 AH Engineers & Scientists Water Quality CAT Memorandum.

The undersigned has due authority to deliver to DOH this Certification on behalf of the Navy.

Sincerely,

HARMEYER.RANDALL
.ERNEST.1186692663

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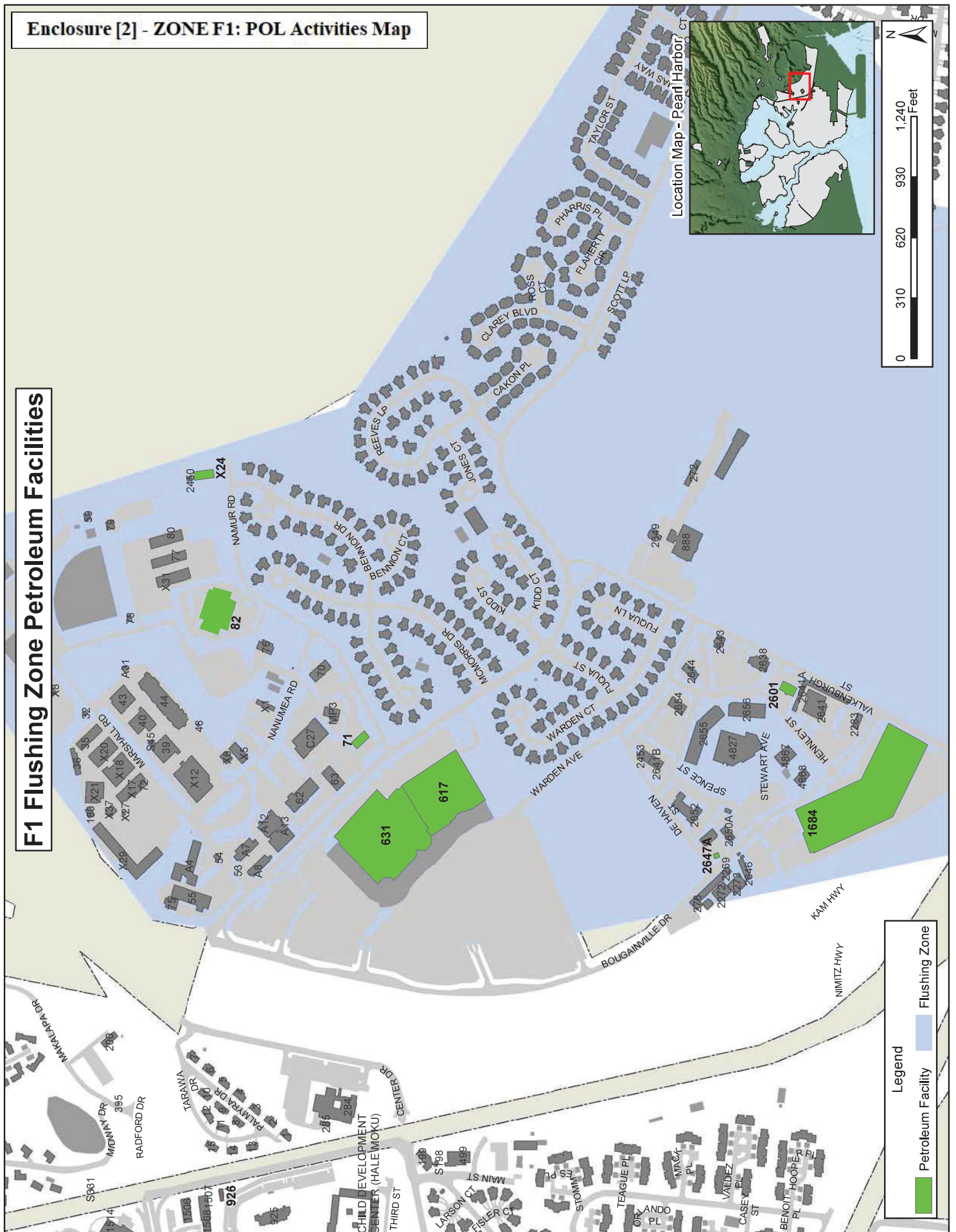
R. E. HARMEYER
Captain, CEC, U.S. Navy
Public Works Officer
By Direction of the
Commanding Officer

Enclosure [1] - ZONE F1: POL Activities Backflow Prevention Devices

POL Activities Backflow Prevention Devices										Zone: F1	
ASSET NAME	Location (Bldg. #)	Reference Location	Description of petroleum-related activity	BFP Manufacturer	BFP Model	BFP Size	Serial # or VIN #	Installation Date or In Service Date	Changed (Replacement) Date	Last Tested Date	Last Repaired Date
NO BFP ASSETS, 1 HOSE BIB	X-24	NAVFAC COMPOUND BONEYARD	AST D-33 / 100 GAL DIESEL	HOSE BIB W/ AVB	AVB	0.75	N/A	N/A	N/A	N/A	N/A
SA-FWI 6310	631	NEX / COMMISSARY	AST NS-631-1-SG / 230 GAL DIESEL ASTNS-631-3-SG / 55 GAL DIESEL	WATTS	957	3	SC-2926	6/7/2019	N/A	5/14/2021	N/A
SA-FWI 63101	631	NEX / COMMISSARY	AST NS-631-2 / 385 GAL COOKING OIL	WATTS	957	3	SC-2614	6/7/2019	N/A	7/31/2021	N/A
SA-FWK 715	71	NEX GAS STATION	NS-71-NEX	FEBCO	765	1.5	H005130	1/1/2000	N/A	6/10/2021	N/A
SA-FWK 715	71	NEX GAS STATION	UST JC-1 / 10,000 GAL GASOLINE UST JC-2 / 10,000 GAL GASOLINE UST JC-3 / 20,000 GAL GASOLINE	FEBCO	765	1.5	H005130	1/1/2000	N/A	6/10/2021	N/A
SA-FWI 6313	617	NEX	AST NS-617-SG / 152 GAL DIESEL	WATTS	957	2.5	SA-3270	6/24/2019	N/A	5/7/2021	N/A
SA-FWG 617BP	617	NEX		WATTS	957	2.5	SG-0630	6/17/2019	N/A	5/14/2021	N/A
SA-FWI 1172	1684	NEX WAREHOUSE	AST NS-1684-1-SG / 100 GAL DIESEL AST NS-1684-2 / 150 GAL DIESEL	WATTS	709	10	401012	6/1/1997	N/A	5/6/2021	N/A
SA-FWI 2647	2647A	7 ELEVEN STORE	UNDERGROUND FUEL TANKS	WATTS	909	1.5	436253	1/1/2000	N/A	5/5/2021	N/A
SA-FWG 2602	2601	TEXACO	UNDERGROUND FUEL TANKS	WATTS	909	0.75	11874	1/1/2000	N/A	5/5/2021	N/A
SA-FWK 082BP	82	NEX Autoport Car Care Center	Vehicle Maintenance	WILKINS	375	2.5	113386	1/29/2019	N/A	6/15/2021	N/A
SA-FWK 0821BP	82	NEX Autoport Car Care Center	Vehicle Maintenance	WILKINS	975	0.75	1551970	1/29/2019	N/A	6/15/2021	N/A

Enclosure [2] - ZONE F1: POL Activities Map

F1 Flushing Zone Petroleum Facilities





DEPARTMENT OF THE NAVY

COMMANDER
NAVY REGION HAWAII
850 TICONDEROGA ST STE 110
JBPHH HI 96860-5101

COMNAVREGHIINST 11330.2D

N4

19 Sep 2016

COMNAVREG HAWAII INSTRUCTION 11330.2D

From: Commander, Navy Region Hawaii

Subj: BACKFLOW PREVENTION AND CROSS-CONNECTION CONTROL PROGRAM

Ref: (a) Recommended Practice for Backflow Prevention and Cross-Connection Control, (AWWA Manual M14), American Water Works Association
(b) MIL-HDBK-I 005/7, Military Handbook Water Supply Systems
(c) State of Hawaii, Department of Health, Administrative Rules Title 11, Chapter 21, Cross-Connection and Backflow Control
(d) NAVFACINST 11330.11E
(e) Manual of Cross-Connection Control, Foundation for Cross-Connection Control and Hydraulic Research, University of Southern California
(f) NAVFAC MO-210, Maintenance and Operation of Water Supply, Treatment, and Distribution Systems

1. Purpose. To supplement current Navy directives pertaining to the protection of the Base potable water supply.

2. Cancellation. COMNAVREGHIINST 11330.2C.

3. Definitions. References (a) through (c) define technical terms used herein as follows:

a. Backflow. The reversal of the normal flow of water caused by either backpressure or back-siphonage.

b. Back-pressure. The flow of water or other liquids, mixtures or substances under pressure into the distribution pipes of a potable water supply system from any source or sources other than the intended source.

c. Back-siphonage. The flow of water or other liquids, mixtures or substances into the distribution pipes of a potable water supply system from any source other than its intended source caused by the sudden reduction of pressure in the potable water supply system.

d. Backflow Preventer. A device or means designated to prevent backflow. These include:

(1) Air Gap. The unobstructed vertical distance through the free atmosphere between the lowest opening from any pipe or faucet supplying water to a tank, plumbing fixture, or other device and the flood level rim of said vessel. An approved air-gap must be at least double the diameter of the supply pipe, measured vertically, above the top of the overflow rim of the vessel, and in no case less than six inches.

(2) Reduced Pressure Principle Device. An approved assembly of two independently acting approved check valves together with a hydraulically operating, mechanically independent pressure relief valve located between the check valves, as described in reference (b) and specified in reference (d).

(3) Double Check Valve Assembly. An approved assembly of two independently operating approved check valves with tightly closing shut-off valves on each end of the check valves, plus properly located test cocks for the testing of each check valve.

(4) Atmospheric Vacuum Breaker. A device designed to not subject to static line pressure and contains a check valve and an air-let valve.

(5) Pressure Vacuum Breaker. A device that is designed to operate under conditions of static line pressure and contains one or two independently operating, spring-loaded air-inlet valves located on the discharge side of the check valve (or valves), plus properly located test cocks, and tightly closing shut-off valves.

e. Certified Tester. A certified tester means three classes of certified testers:

(1) A limited tester - A person trained and qualified to perform periodic testing, inspection, and repairs on the specific devices contained within a specific plant or institution. This person is usually an employee of the plant or institution and assigned the duty of taking care of the backflow prevention equipment as part of his or her overall plant duties, and does not extend to backflow prevention devices that are not part of the specific plant or institution.

(2) A general tester - A person trained and qualified to perform the periodic testing, inspection, and repairs on all devices that are on the market. This person may be an employee of a water agency, an employee of a municipal agency, or an individual operating a backflow device testing service.

(3) A manufacturer's agent - A person who is an employee of a manufacturer of backflow prevention equipment and is thoroughly familiar with the backflow prevention devices produced by his/her employer. This person maybe familiar with other makes and models of backflow prevention devices but is restricted to only his/her employer's products. The Director of the Department of Health, State of Hawaii or his duly authorized representative, must approve all certified testers.

f. Cross-Connection. Any physical connection or arrangement of piping or fixtures between two otherwise separate piping systems, one of which contains potable water for human consumption and the other water for irrigation, fire protection, industrial and other uses, or non-potable water or industrial fluids of questionable safety, through which, or because of which, backflow may occur into the potable water system. This would include bypass arrangements, jumper connections, removable sections, swivel or changeover devices, and any other temporary or permanent devices through which, or because of which backflow could occur.

4. Background

a. Reference (b) presents requirements for the design of water supply systems for naval shore activities. Reference (b) indicates the design requirements for protecting the potable system from contamination by cross-connections with non-potable supplies and units containing polluted water. Reference (b) further indicates the need to protect the potable system from contamination by irrigation systems.

b. Reference (d) sets forth criteria for specifying backflow preventers of the reduced pressure principle type. It requires that such devices have a current Certificate of Approval and provides a list of approved backflow prevention devices.

c. Reference (e) cites methods and devices by which hazards may be eliminated without interfering with the functions of plumbing or water supply distribution systems. It is a comprehensive reference, and covers all aspects of cross-connection control.

d. Reference (f) provides technical guidance for the operation and maintenance of water supply systems at naval shore activities. Chapter 8 of reference (f) describes how the water system becomes contaminated. Chapter 9 reference (f) further requires that approved backflow preventers be installed according to the degree of the hazard involved and indicates the need for periodic testing and inspection of the devices by certified personnel. It also suggests a time interval for inspection and indicates that all devices be tested according to the manufacturer's service instructions. It further points out the requirements for record keeping.

e. To assure the quality of the water at the customer's tap, both the customer and Navy Facilities Engineering Command, Hawaii (NAVFAC HI), the water supplier, must participate in a backflow prevention and cross-connection control program.

5. Policy. Protect the existing potable water system at all times from hazardous cross-connections by the installation, operation, and maintenance of approved backflow preventers. Backflow prevention and cross-connection control measures must be in accordance with the recommendations and requirements of references (a) through (f).

6. Discussion

a. The objectives of the backflow prevention and cross-connection control program are to achieve the following:

- (1) Protection of the quality of the base water supply.
- (2) Elimination of existing hazards.
- (3) Prevention of future unprotected cross-connections.

b. The backflow prevention and cross-connection control program requires the following:

- (1) The survey all existing cross-connections to determine they are adequately protected.
- (2) The recording of data on all existing backflow preventers to enable up-to-date monitoring. The data must include at least the following information:
 - (a) Activity name.
 - (b) Building number (if appropriate).
 - (c) Sketch of approximate location of backflow preventer.
 - (d) Size, type, model number, and manufacturer of the backflow preventer.
 - (e) Date installed (if known).
 - (f) Type of Hazard.
- (3) Operate, maintained and repair all known existing backflow preventers to ensure their proper operation for the protection of the water system.
- (4) Inspect and test all existing backflow preventers at the minimum time intervals to determine their effectiveness as shown in the table. If successive tests on a backflow preventer indicate repeated failures, test preventer at more frequent interval to be determined by NAVFAC HI Utilities and Energy Management Department, Potable Water Division (OPC61). All testing must be performed in accordance with the manufacturer's instruction.

<u>METHOD OR DEVICE</u>	<u>3</u> <u>MONTHS</u>	<u>6</u> <u>MONTHS</u>	<u>12</u> <u>MONTHS</u>
Pressure Type Vacuum Breaker			X
Double Check Valve Assembly			X
Reduce Pressure Principle devices used for shore-to ship connections	X		

<u>METHOD OR DEVICE</u>	<u>3 MONTHS</u>	<u>6 MONTHS</u>	<u>12 MONTHS</u>
Other Reduced Pressure Principle device		X	
Air Gap			X
Reduced Pressure Principle devices used to separate the Navy's potable water system from another agency's potable water system			X

(5) Review all plans and specifications or sketches and material description for new connections to NAVFAC HI Potable Water Systems by NAVFAC HI OPC61 to verify the safety of the cross-connections.

(6) Report all known or suspected accidental contamination immediately to NAVFAC HI OPC61 to enable corrective action, and avoid widespread contamination of the water system.

7. Implementation. Maintain the following provisions of the backflow prevention and cross-connection control program by the shore activities as indicated below:

a. All shore activities and other agencies who receive potable water from water systems owned and operated by NAVFAC HI must:

(1) Conduct a Cross-Connection Control and Backflow Prevention Survey of the areas under their jurisdiction including building plumbing, fire protection, exterior hose bibs, lawn irrigation systems, etc. The survey must include an inspection of the consumer's premises for hazards noted in references (a) and (e) and document any findings observed during the survey. The survey must also document all existing backflow preventers. The activity is responsible for funding the survey.

(2) Conduct follow-up surveys of the areas under their jurisdiction within 5 years after the initial survey to update the status of the initial findings and provide new information, findings, and recommendations as required. The activity funds the follow-up surveys as a lump sum amount or incremental amounts of the cost determined by NAVFAC HI OPC61.

(3) Take immediate action to eliminate hazards if the survey indicates that there are cross-connection hazards.

(4) Forward copy of all surveys to NAVFAC HI OPC61.

(5) The activity may submit a work request to have NAVFAC HI conduct the survey.

b. All shore activities and other agencies who have existing backflow preventers that do not conform to the requirements of reference (e) and the NAVFAC HI OPC61 and, who receive water from systems owned and operated by NAVFAC HI, must provide funding to have their backflow preventers tested and certified by certified testers from NAVFAC HI OPC61.

c. All shore activities and other agencies who have requirements for new backflow preventers and who receive water from systems owned and operated by NAVFAC HI must:

(1) Provide funding to have their backflow preventers installed, tested, and certified.

(2) Provide funding for the re-testing and re-certification of the backflow preventer should the backflow preventer fail the initial test.

(3) Ensure initial certification and all re-certification is performed by NAVFAC HI OPC61. Certification by other agencies is not accepted.

d. All shore activities and other agencies who have existing backflow preventers registered with NAVFAC HI OPC61 will have their devices inspected, maintained, and certified by NAVFAC HI funding for the inspection, maintenance, and certification must be provided by NAVFAC HI OPC61.

e. The activities who are responsible for the design of the connection to a NAVFAC HI Potable Water System must submit construction drawings and specifications for the connection to NAVFAC HI OPC61 for approval, prior to its construction.

f. NAVFAC HI job planners must obtain approval for the connection to the NAVFAC HI Potable Water System from NAVFAC HI OPC61, if NAVFAC HI is to perform the work and construction drawings are not required for the connection.

g. The activity who requires the connection to NAVFAC HI Potable Water System must obtain approval for the connection from NAVFAC HI OPC61 prior to construction of the connection.

h. All shore activities who install backflow preventers or administer contracts for their installation NAVFAC HI must ensure that all newly installed backflow preventers are tested and inspected by a certified tester from NAVFAC HI OPC61 at the same time that the water outage occurs for the connection to the water system. Backflow preventer must pass all tests prior to supplying potable water.

19 Sep 2016

i. All activities that suspect that the potable water system may have been contaminated must call NAVFAC HI OPC61 Steam/Air/Potable Water Division Manager, telephone number 473-0388. In addition, warn all personnel in the area of the possible contamination to stop drinking the water.


8. Responsibility

a. Commanding Officers and Officers-in-Charge of shore activities must ensure that hazards from cross-connections are eliminated and that new connections are approved.

b. Commanding Officers and Officers-in-Charge of shore activities in doubt as to the proper methods of backflow prevention and cross-connection control may request engineering and technical assistance from NAVFAC HI (Code 431), Long Range Maintenance Planning Branch, telephone number (808) 474-3700.

9. Records Management. Manage all records created by this instruction, regardless of media or format per SECNAV Manual 5210.1 of January 2012.

10. Review and Effective Date. Per OPNAVINST 5215.17A of 26 May 2016, the Facilities and Environmental (N4) will review this instruction annually on the anniversary of its issuance date to ensure applicability, currency, and consistency with Federal, DoD, SECNAV, and Navy policy and statutory authority using OPNAV 5215/40. This instruction will automatically expire 5 years after its issuance date unless reissued or canceled prior to the 5-year anniversary date, or an extension has been granted.

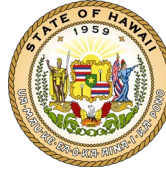


R. A. ESPINOSA
Chief of Staff
Acting

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Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

Line of Evidence 2a

Water within the Distribution System does not exceed State and Federal Drinking Water MCLs, Specified State EALs, and ISPs

Table 1: Lines of Evidence Under Evaluation – Ensure no contamination remains in the system and water chemistry concerns are addressed.

Objective 2a - Water within the distribution system does not exceed State and Federal DW MCLs, specified State EALs, and ISPs.

Incident Specific Criteria –

- Zone flushing plan demonstrates entire distribution system is flushed.
- Sample results show the water in distribution system does not exceed State and Federal DW MCLs, specified State EALs, and ISPs. (Guidance Table 2 and Table 3)
- Drinking water does not show sheen, olfactory evidence, or other qualitative methods of petroleum.

Lines of Evidence	Completion Status	Outstanding Items
JBPHH water system's approach to flushing and their metrics for success.	Complete	<ul style="list-style-type: none"> • None.
Validity of the volumetric exchange model	Complete	<ul style="list-style-type: none"> • None.
Verification that the entire distribution system is flushed volumetrically.	Complete	<ul style="list-style-type: none"> • None.
Residential Sampling Report for Flushing Zone (Risk Management Summary)	Complete	<ul style="list-style-type: none"> • None.

February 19, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: SUMMARY OF LINE OF EVIDENCE OBJECTIVE 2A – WATER WITHIN THE DISTRIBUTION SYSTEM DOES NOT EXCEED STATE AND FEDERAL DW MCLs, SPECIFIED STATE EALs, AND ISPs

Encl: (1) 2a.1 Memorandum for Record
(2) 2a.2 Validity and Application of Volumetric Exchange Method
(3) 2a.3 Hydraulic Model
(4) 2a.4 Records of Completed Volumetric Exchanges
(5) 2a.5 Water Source and Water Storage Facilities
(6) 2a.6 Distribution System Exceedance Investigation Summary and Results

1. Enclosures (1) through (6) document completion of Line of Evidence 2a, that water within the Zone F1 distribution system does not exceed State of Hawaii and Federal Drinking Water standards, Maximum Contaminate Levels, Environmental Action Levels and Incident Specific Parameters. On the evening of November 28, 2021, the Red Hill Shaft was secured from operation and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on November 28, 2021, but it was shut down on December 3, 2021 to prevent potential westward contaminant migration in the aquifer and because there were concerns over high chloride concentrations caused by saltwater intrusion. Since December 3, 2021, the Waiawa Shaft has been the sole water source providing potable water to the Joint Base Pearl Harbor-Hickam (JBPHH) distribution network. Zone F1 is part of the JBPHH Drinking Water system that is operated and maintained by the United States Navy. Flushing operations for Zone F1 are summarized in Enclosure (1), signed by LCDR Carl Chase, team lead for the Drinking Water Distribution System Recovery Team.

2. Details on the drinking water system and flushing operations and protocols are provided in Enclosures (1), (3), and (5). The guidance provided by Dr. Whelton on the recommended volume exchanges to be flushed in the distribution system is provided in Enclosure (2).

3. The records of the distribution system volumetric exchanges flushed are provided in Enclosure (4). Level 2 sampling data collected after distribution flushing is summarized in Enclosure (6).

4. Sample results with analyte detections exceeding the prescribed MCL, EAL, or ISP are documented in Enclosure (6). The follow-on investigation summary and additional sampling results are also documented in Enclosure (6).

5. The information provided in Section 2a, including the flushing process followed and the subsequent sampling results, demonstrate that water within the Zone F1 distribution system does not exceed State of Hawaii and Federal Drinking Water standards, Maximum Contaminate Levels, Environmental Action Levels and Incident Specific Parameters.

6. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and I believe the submitted information is true, accurate, and complete.

WETZEL.CHRISTOP
HER.JAMES.154019
4862

Digitally signed by
WETZEL.CHRISTOPHER.JAMES.15
40194862
Date: 2022.02.19 19:37:51 -08'00'

C. J. Wetzel
LT, CEC, USN

MEMORANDUM FOR THE RECORD

From: LCDR Carl Chase, JBPHH Drinking Water Distribution System Recovery Team

To: Interagency Drinking Water System Team

Subj: DISTRIBUTION SYSTEM RECOVERY PLAN ADDENDUM – ZONE F1 ANALYSIS

Ref: (a) Memorandum for the Record from LCDR John Daly regarding the Distribution System Zone Flushing, December 28, 2021

(b) State of Hawaii Department of Health, Directive One– Flushing Requirements Navy Water System Incident, Case No.: 20211128-1848 (HI Directive One, dated 08 December, 2021)

(c) Drinking Water Distribution System Recovery Plan, 17 December 2021

(d) Incident Specific Criteria to Meet Lines of Evidence Objectives 1c and 2a, dated 05 January 2022

1. OBJECTIVE: The Drinking Water Distribution System Recovery Plan (DWDSRP) was signed by the Interagency Working Group on 17 December 2021. This addendum provides additional technical information to document the system flushing methodology and engineering approach used to restore Flushing Zone F1 to service as requested by the State of Hawaii Department of Health (HI DoH) in reference (d).

2. BACKGROUND:

2.1. Portions of the Navy water distribution system serving JBPHH and surrounding areas were exposed to low levels of fuel contamination with initial indications in the form of smell reports occurring on or about 28 November 2021.

2.2. Prior to the aquifer contamination incident (incident), water users connected to the Navy's system were supplied by three Navy owned water sources, Red Hill Shaft, Aiea/Halawa Shaft and Waiawa Shaft. In the time period prior to the incident, Waiawa Shaft was the main water source supplying approximately 16 million gallons per day (MGD) to the JBPHH system with at least one pump operating full time (100%). A single Red Hill Shaft pump was operated intermittently as a secondary source to supply approximately 5.5 MGD to the system. The Aiea/Halawa shaft was not being operated due to concerns over high chloride concentrations caused by saltwater intrusion into the aquifer.

2.3. On the evening of 28 November 2021, the Red Hill Shaft was secured and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on 28 November 2021 but was shut down on 03 December 2021 to prevent westward contaminant migration in the aquifer.

2.4. Since 03 December 2021, Waiawa Shaft has been the sole water source providing potable water to the distribution network. It is located 5.5 miles west of the Red Hill Fuel Facility and testing has not found any water quality issues at this source.

3. ENGINEERING ANALYSIS AND TOOLS: DWDSRP development utilized engineering judgement informed by existing tools and data sources such as ArcGIS, Supervisory Control and Data Acquisition (SCADA) system historic/current data, hydraulic models, and input from water system infrastructure contamination subject matter experts (SMEs).

3.1. ArcGIS was the primary tool used for mapping, volumetric calculations, and spatial analysis of the JBPHH utility systems.

3.2. System flows were measured by meters at key points within the distribution system. Data was recorded and stored by the Navy's SCADA system historian. SCADA is also monitored 24/7 by water system operators.

3.3. A hydraulic model was developed in 2014 and calibrated to conditions at the time. It is a skeletonized model depicting major transmission lines to many areas of the base. It does not include all mainline pipes, the Hickam area, or laterals feeding residence and non-residence facilities. The model was considered to be of limited use in determining the effectiveness of system flushing. It was primarily used to determine areas that were most likely impacted by the contamination event. The results directly correlated with initial reporting from impacted residents.

3.4 Dr. Andrew Whelton, a Purdue University associate professor of civil, environmental, and ecological engineering and recognized for his expertise in disaster response and recovery, provided recommendations to the US Navy based on his research and experience. His work is often cited in EPA literature and he is a leading expert in the field of recovering contaminated drinking water plumbing. His recommendations were incorporated into the DWDSRP.

4. CONSTRAINTS: In addition to Section 1.3 of the DWDSRP, the following constraints were considered during development of the plan:

4.1. Waiawa Shaft pumps are capable of pumping 19 MGD with 2 pumps running at full speed. There are 4 pumps at Waiawa Shaft, 2 are operational, one is standby, and one is down for maintenance. Average daily demand at JBPHH since the incident has ranged from 11 to 14 MGD. Maximum potable water system flushing flows were limited to 5 MGD to avoid excessive drawdown of the S1/S2 tanks and stay within the capacity of Waiawa Shaft pumps.

4.2. The two 6 million gallon (each) tanks, S1 and S1 could not be drawn down below the 28-foot level. This constraint was imposed by the water system operators who wanted to avoid low water system pressures that would be caused by S1/S2 drawdown below 28-feet.

4.3. Discharge to the Navy's sanitary sewer system and the Fort Kamehameha Wastewater Treatment Plant (Ft. Kam WWTP) was limited to 1 MGD by wastewater operations staff. Much of the infrastructure Ft. Kam WWTP was considered to be in poor condition and some process elements do not have a backup unit. The direct discharge of too much potable water to the plant was also thought to pose the risk of "wash out" of the microbes that provide secondary treatment.

4.4. Discharges of potable water to land or storm sewers were required by HI Directive One to be treated prior to discharge. Treatment was provided through 1 MGD mobile granular activated carbon (GAC) units. The units had several constraints on their use including site access, adequate staging areas that were level with sufficient area for the units and support crews, impacts to the community, traffic control, and distance to discharge. Each GAC was kept in a single location for at least 24 hours due to labor and time required for unit setup and breakdown.

4.5. Water service was required be maintained to residents and JBPHH tenants. Many families have remained in their homes and mission essential Government activities require continuous water service.

4.6. JBPHH did not have an established unidirectional flushing plan developed prior to the incident. Unidirectional flushing typically involves inducing one-way flow through each pipe segment in a water distribution system by closing mainline isolation valves and opening hydrants for a short period of time. The number of hydrants required would be determined by the pipe size and the minimum water velocity required to flush sediments and other contaminants from the pipe segment. True unidirectional flushing of the system was determined not to be a feasible method for flushing the JBPHH potable water system for the following reasons:

4.6.1. Per section 1.2 of the DWDSRP, the distribution system was to be recovered with critical urgency. Additionally, SMEs advised that the longer contaminants remained in the system, the more likely it was that they would migrate into plastics, gaskets, sediments, etc. A unidirectional flushing program would take several months to develop and implement and the timeline was not considered feasible for a return to service.

4.6.2. Water system operators indicated that many mainline isolation valves would not properly close and could not be relied upon to isolate pipe segments.

4.7. Dr. Whelton recommended three volumetric turnovers for impacted pipe networks. Flushing zones with higher risk of contamination were identified and prioritized using water user complaint history, testing results, the hydraulic model, and the hydraulic proximity to Red Hill Shaft. A factor of safety was applied to the highest priority zones by specifying a minimum of five volumetric turnovers. Zones where the hydraulic modelling indicated that contamination may have travelled, were in close hydraulic proximity to Red Hill Shaft, and had few complaints were flushed with the recommended three volumetric turnovers. Low priority was given to zones where SCADA data indicated that water was fed solely from Waiawa Shaft before and after the incident. To reduce water waste, flush zones with lower risk of contamination were volumetrically turned over a minimum of once or twice.

5. Following Dr. Whelton's recommendation, the DWDSRP was designed with a directional flush of the distribution system starting from the clean water source and moving systematically through the entire system. The limited water source capacity at Waiawa Shaft and disposal constraints required that the system be broken down into smaller flush zones. 19 total zones were established that could be independently flushed without adverse hydraulic or water quality impacts to previously flushed zones. Section 2.4 of the DWDSRP depicts the network diagram and zone relationships.

6. FLUSH ZONE F1:

6.1. DESCRIPTION OF FLOW: This zone is fed from Waiawa Shaft, Red Hill Shaft, and S1/S2 tank to the northwest via a 24-inch transmission main. The southern portion of this zone is also fed through a 16-inch main. This main also connects to Zone D3 to the south through a 16-inch main. A schematic representation of the zone is included in Figure 1.

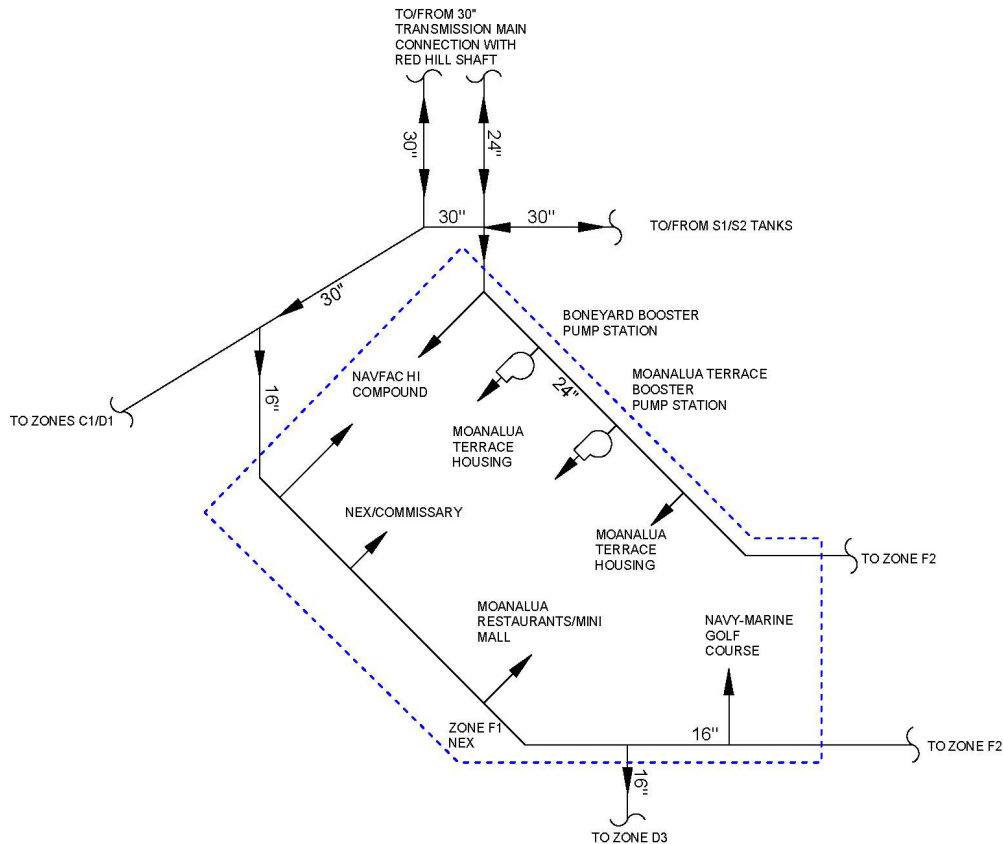


Figure 1. Zone F1 Schematic

6.1.1. Downstream portions of the system include F2 to the east and D3 to the south

6.2. WATER USE/TENANTS: Water users in this zone are mostly single and multi-family residential housing tenants in the Moanalua Terrace housing neighborhood. There is also commercial area that includes a large commissary and Navy Exchange (NEX) facility, golf course, and a strip mall that includes several private businesses. There is one school in this zone, the Pearl Harbor Elementary School.

6.3. PIPE VOLUME: Per section 2.5.1.1. of the DWDSRP, Flush Zone F1 has a mainline pipe volume of 270 thousand gallons (KGal). With the exception of the main transmission pipelines, mainline pipes in the zone are 6 to 12-inches in diameter.

6.3.1. Because of the close hydraulic proximity to the S1/S2 tanks, Zone F1 was used to cycle fresh water in and out of the tanks. The 12,000 KGal (6 million gallons [MG]) of water volume in tanks S1 and S2 were originally included in the volume calculation of 12,270 KGal. To limit the water discharge waste, the S2 tank was isolated from the system at the start of flushing operations. This reduced the total flush volume to 6,270 KGal.

6.4. PRIORITY: Zone F1 is in close hydraulic proximity to the Red Hill Shaft and contamination likely reached this zone. In addition, there were many complaints from residents in this zone and

hydraulic modelling indicated that contamination likely reached this zone. Zone F1 was included in Phase #1 with five volumetric turnovers minimum.

6.5. HYDRANT SELECTION: Eight geographically and hydraulically dispersed flushing hydrants were selected to flush Zone F1.

6.5.1. Hydrant 606 and 613 was selected to flush the distribution network serving the NAVFAC Hawaii Compound.

6.5.2. Hydrants 18 and 8 were selected to flush the distribution network serving the commercial areas.

6.5.3. Hydrants 22, 11A, 42 and 36A were selected to flush the distribution network serving the Moanalua Terrace housing neighborhood.

6.6. DEAD-END LINES: It is possible that flushing was not induced in some small neighborhood loops or longer dead-end lines serving facilities or piers. To address this concern, additional distribution water line samples were taken in locations selected in a joint effort by the Navy, DoH, and EPA. These samples are representative of other dead-end lines within the zone.

6.7. FLUSHING ACTUALS: Water was simultaneously discharged through:

8	Shift			Flush Time			Documentation		
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log		
20-Dec	14:00	22:00		20:32		1:28 20211220 1400-2200	N/A		
20-Dec	22:00	6:00				8:00 20211220 2200-0600	N/A		
21-Dec	6:00	14:00				8:00 20211221 0600-1400	N/A		
21-Dec	14:00	22:00				8:00 20211221 1400-2200	N/A		
21-Dec	22:00	6:00				8:00 20211221 2200-0600	N/A		
22-Dec	6:00	14:00				8:00 20211222 0600-1400	N/A		
22-Dec	14:00	22:00		16:10		2:10 20211222 1400-2200	N/A		
22-Dec	22:00	6:00	3:50			2:10 20211222 2200-0600	N/A		
23-Dec	6:00	14:00			8:19	2:19 20211223 0600-1400	N/A		
23-Dec	22:00	6:00	22:15	1:11		2:56 20211223 2200-0600	N/A		
24-Dec	6:00	14:00	11:27			2:33 20211224 0600-1400	N/A		
24-Dec	14:00	22:00		14:03		0:03 20211224 1400-2200	N/A		
24-Dec	22:00	6:00	0:39	5:28		4:49 20211224 2200-0600	Y		
25-Dec	14:00	22:00	19:15			2:45 20211225 1400-2200	N/A		
25-Dec	22:00	6:00		0:23		2:23 20211225 2200-0600	N/A		
26-Dec	6:00	14:00	10:00			4:00 20211226 0600-1400	N/A		
26-Dec	14:00	22:00		15:05		1:05 20211226 1400-2200	N/A		
26-Dec	22:00	6:00	3:10			2:50 20211226 2200-0600	N/A		
27-Dec	6:00	8:00		7:45		1:45 20211227 0600-1400	N/A		
27-Dec	8:00	20:00	18:28			1:32 20211227 0800-2000	N/A		
27-Dec	20:00	8:00				12:00 20211227 2000-0800	N/A		
28-Dec	8:00	20:00				12:00 20211228 0800-2000	N/A		
28-Dec	20:00	8:00				12:00 20211228 2000-0800	N/A		
29-Dec	8:00	20:00				12:00 20211229 0800-2000	N/A		
29-Dec	20:00	8:00				12:00 20211229 2000-0800	N/A		
30-Dec	8:00	20:00		16:20		8:20 20211230 0800-2000	N/A		
30-Dec	8:00	20:00	19:28			0:32 20211230 0800-2000	N/A		
30-Dec	20:00	8:00				12:00 20211230 2000-0800	N/A		
31-Dec	8:00	20:00		19:37		11:37 20211231 0800-2000	N/A		
31-Dec	20:00	8:00	23:04	3:36		4:32 20211231 2000-0800	N/A		
<div> TOTAL RUN @ FLOW of 100 TIME 173:59 VOLUME 1,061,900 Gallons </div>									

11A	Shift			Flush Time			Documentation		
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21-Dec	6:00	14:00				8:00 20211221 0600-1400	N/A		
21-Dec	14:00	22:00				8:00 20211221 1400-2200	N/A		
21-Dec	22:00	6:00				8:00 20211221 2200-0600	N/A		
22-Dec	6:00	14:00				8:00 20211222 0600-1400	N/A		
22-Dec	14:00	22:00		21:26		7:26 20211222 1400-2200	N/A		
22-Dec	22:00	6:00	3:24			2:36 20211222 2200-0600	N/A		
23-Dec	6:00	14:00		8:56		2:56 20211223 0600-1400	N/A		
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24-Dec	14:00	22:00		14:31		0:31 20211224 1400-2200	N/A		
24-Dec	22:00	6:00	0:58	5:21		4:23 20211224 2200-0600	Y		
25-Dec	14:00	22:00	20:30			1:30 20211225 1400-2200	N/A		
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27-Dec	6:00	8:00		7:38		1:38 20211227 0600-1400	N/A		
27-Dec	8:00	20:00	19:10			0:50 20211227 0800-2000	N/A		
27-Dec	20:00	8:00				12:00 20211227 2000-0800	N/A		
28-Dec	8:00	20:00				12:00 20211228 0800-2000	N/A		
28-Dec	20:00	8:00				12:00 20211228 2000-0800	N/A		
29-Dec	8:00	20:00				12:00 20211229 0800-2000	N/A		
29-Dec	20:00	8:00				12:00 20211229 2000-0800	N/A		
30-Dec	8:00	20:00		16:05		8:05 20211230 0800-2000	N/A		
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2-Jan	20:00	8:00				12:00 20220102 2000-0800	N/A		
3-Jan	8:00	20:00				12:00 20220103 0800-2000	N/A		
3-Jan	20:00	8:00				12:00 20220103 2000-0800	N/A		
4-Jan	8:00	20:00		8:30		0:30 20220104 0800-2000	N/A		
4-Jan	8:00	20:00		14:15		0:15 20220104 0800-2000	N/A		
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18	Shift			Flush Time			Documentation		
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22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A		
22-Dec	14:00	22:00		20:51	6:51	20211222 1400-2200	N/A		
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26-Dec	6:00	14:00	10:05		3:55	20211226 0600-1400	N/A		
26-Dec	14:00	22:00		15:05	1:05	20211226 1400-2200	N/A		
26-Dec	22:00	6:00	3:15		2:45	20211226 2200-0600	N/A		
27-Dec	6:00	8:00		7:45	1:45	20211227 0600-1400	N/A		
27-Dec	8:00	20:00	18:23		1:37	20211227 0800-2000	N/A		
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A		
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A		
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A		
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A		
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A		
30-Dec	8:00	20:00		16:14	8:14	20211230 0800-2000	N/A		
30-Dec	8:00	20:00	19:24		0:36	20211230 0800-2000	N/A		
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A		
31-Dec	8:00	20:00		19:38	11:38	20211231 0800-2000	N/A		
31-Dec	20:00	8:00	23:00	3:31	4:31	20211231 2000-0800	Y		
2-Jan	8:00	20:00	13:15	13:43	0:28	20220102 0800-2000	Y		
2-Jan	8:00	20:00	18:31		1:29	20220102 0800-2000	Y		
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A		
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A		
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A		
4-Jan	8:00	20:00		12:30	4:30	20220104 0800-2000	N/A		
<div> TOTAL RUN @ FLOW of 400 TIME 201.09 VOLUME 4,827,600 Gallons </div>									

22	Shift			Flush Time			Documentation		
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log		
21-Dec	14:00	22:00	18:20	20:28	2:08	20211221 1400-2200	N/A		
21-Dec	22:00	6:00		21:04	0:56	20211221 2200-0600	N/A		
21-Dec	6:00	14:00			8:00	20211221 0600-1400	N/A		
22-Dec	14:00	22:00			7:17	20211222 1400-2200	N/A		
22-Dec	22:00	6:00		3:17	2:43	20211222 2200-0600	N/A		
23-Dec	6:00	14:00		8:50	2:50	20211223 0600-1400	N/A		
23-Dec	14:00	22:00		20:55	1:05	20211223 1400-2200	N/A		
23-Dec	22:00	6:00		1:25	3:25	20211223 2200-0600	N/A		
24-Dec	6:00	14:00		11:08	2:52	20211224 0600-1400	N/A		
24-Dec	14:00	22:00		14:25	0:25	20211224 1400-2200	N/A		
24-Dec	22:00	6:00	0:49	5:15	4:26	20211224 2200-0600	Y		
25-Dec	14:00	22:00	20:15		1:45	20211225 1400-2200	N/A		
25-Dec	22:00	6:00		23:56	1:56	20211225 2200-0600	N/A		
26-Dec	6:00	14:00		9:46	4:14	20211226 0600-1400	N/A		
26-Dec	14:00	22:00		14:55	0:55	20211226 1400-2200	N/A		
26-Dec	22:00	6:00	2:26		3:34	20211226 2200-0600	N/A		
27-Dec	6:00	8:00		7:35	1:35	20211227 0600-1400	N/A		
27-Dec	8:00	20:00	19:00		1:00	20211227 0800-2000	N/A		
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A		
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A		
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A		
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A		
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A		
30-Dec	8:00	20:00		15:58	7:58	20211230 0800-2000	N/A		
30-Dec	8:00	20:00	18:43		1:17	20211230 0800-2000	N/A		
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A		
31-Dec	8:00	20:00		19:25	11:25	20211231 0800-2000	N/A		
31-Dec	20:00	8:00	23:27	3:54	4:27	20211231 2000-0800	Y		
1-Jan	8:00	20:00	23:41		8:19	20220101 0800-2000	N/A		
2-Jan	8:00	20:00		18:03	10:03	20220102 0800-2000	Y		
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A		
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A		
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A		
4-Jan	8:00	20:00		8:43	0:43	20220104 0800-2000	N/A		
<div> TOTAL RUN @ FLOW of 100 TIME 211.18 VOLUME 1,267,800 Gallons </div>									

36A	Shift			Flush Time			Documentation		
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log		
21-Dec	14:00	22:00	15:52		6:08	20211221 1400-2200	N/A		
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A		
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A		
22-Dec	14:00	22:00		21:08	7:08	20211222 1400-2200	N/A		
22-Dec	22:00	6:00	3:08		2:52	20211222 2200-0600	N/A		
23-Dec	6:00	14:00		8:41	2:41	20211223 0600-1400	N/A		
23-Dec	14:00	22:00	21:22		0:38	20211223 1400-2200	N/A		
23-Dec	22:00	6:00		1:31	3:31	20211223 2200-0600	N/A		
24-Dec	6:00	14:00	11:00		3:00	20211224 0600-1400	N/A		
24-Dec	14:00	22:00		14:21	0:21	20211224 1400-2200	N/A		
24-Dec	22:00	6:00	1:07	5:09	4:02	20211224 2200-0600	Y		
25-Dec	14:00	22:00	19:59		2:01	20211225 1400-2200	N/A		
25-Dec	22:00	6:00		23:50	1:50	20211225 2200-0600	N/A		
26-Dec	6:00	14:00	9:41		4:19	20211226 0600-1400	N/A		
26-Dec	14:00	22:00		14:51	0:51	20211226 1400-2200	N/A		
26-Dec	22:00	6:00	2:35		3:25	20211226 2200-0600	N/A		
27-Dec	6:00	8:00		7:33	1:33	20211227 0600-1400	N/A		
27-Dec	8:00	20:00	18:52		1:08	20211227 0800-2000	N/A		
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A		
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A		
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A		
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A		
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A		
30-Dec	8:00	20:00		15:58	7:58	20211230 0800-2000	N/A		
30-Dec	8:00	20:00	18:30		1:30	20211230 0800-2000	N/A		
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A		
31-Dec	8:00	20:00		19:53	11:53	20211231 0800-2000	N/A		
31-Dec	20:00	8:00	23:19	4:00	4:41	20211231 2000-0800	Y		
1-Jan	8:00	20:00	23:33		8:27	20220101 0800-2000	N/A		
2-Jan	8:00	20:00		13:19	5:19	20220102 0800-2000	Y		
2-Jan	8:00	20:00	18:11		1:49	20220102 0800-2000	Y		
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A		
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A		
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A		
4-Jan	8:00	20:00		8:45	0:45	20220104 0800-2000	N/A		
<div> TOTAL RUN @ FLOW of 400 TIME 211.50 VOLUME 5,084,000 Gallons </div>									

606	Shift		Flush Time			Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
22-Dec	6:00	14:00	6:00		8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00		20:58	6:58	20211222 1400-2200	N/A
22-Dec	22:00	6:00		2:58	3:02	20211222 2200-0600	N/A
23-Dec	6:00	14:00			8:29	2:29 20211223 0600-1400	N/A
23-Dec	22:00	6:00		22:23	1:44	3:21 20211223 2200-0600	N/A
24-Dec	6:00	14:00		9:23		4:37 20211224 0600-1400	N/A
24-Dec	14:00	22:00			14:13	0:13 20211224 1400-2200	N/A
24-Dec	22:00	6:00		2:05	4:55	2:50 20211224 2200-0600	Y
25-Dec	14:00	22:00		19:29		2:31 20211225 1400-2200	N/A
25-Dec	22:00	6:00			23:41	1:41 20211225 2200-0600	N/A
26-Dec	6:00	14:00		9:32		4:28 20211226 0600-1400	N/A
26-Dec	14:00	22:00			14:42	0:42 20211226 1400-2200	N/A
26-Dec	22:00	6:00		2:51		3:09 20211226 2200-0600	N/A
27-Dec	6:00	8:00			7:24	1:24 20211227 0600-1400	N/A
27-Dec	8:00	20:00	18:38			1:22 20211227 0800-2000	N/A
27-Dec	20:00	8:00				12:00 20211227 2000-0800	N/A
28-Dec	8:00	20:00				12:00 20211228 0800-2000	N/A
28-Dec	20:00	8:00				12:00 20211228 2000-0800	N/A
29-Dec	8:00	20:00				12:00 20211229 0800-2000	N/A
29-Dec	20:00	8:00				12:00 20211229 2000-0800	N/A
30-Dec	8:00	20:00			15:44	7:44 20211230 0800-2000	N/A
30-Dec	8:00	20:00	18:21			1:39 20211230 0800-2000	N/A
30-Dec	20:00	8:00				12:00 20211230 2000-0800	N/A
31-Dec	8:00	20:00			19:45	11:45 20211231 0800-2000	N/A
31-Dec	20:00	8:00	23:12	4:08		4:56 20211231 2000-0800	Y
1-Jan	20:00	8:00	23:28			8:32 20220101 2000-0800	N/A
2-Jan	8:00	20:00			13:30	5:30 20220102 0800-2000	Y
2-Jan	8:00	20:00	18:18			1:42 20220102 0800-2000	Y
2-Jan	20:00	8:00				12:00 20220102 2000-0800	N/A
3-Jan	8:00	20:00				12:00 20220103 0800-2000	N/A
3-Jan	20:00	8:00				12:00 20220103 2000-0800	N/A
4-Jan	8:00	20:00		10:48		2:48 20220104 0800-2000	N/A
TOTAL RUN @ FLOW of 400							
TIME 199:23							
VOLUME 4,785,200 Gallons							

42	Shift		Flush Time			Documentation		
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log	
2-Jan	8:00	20:00	10:40	13:09	2:29	20220102 0800-2200	Y	
2-Jan	8:00	20:00	17:46	18:28	0:42	20220102 0800-2200	Y	

TOTAL RUN @ FLOW of 200			
TIME	3:11		
VOLUME	38200 Gallons		

Hydrant	Volume
8	1,061,900
11A	5,533,600
18	4,827,600
21	1,267,800
36A	5,084,000
42	38,200
606	4,785,200
613	2,024,800
TOTAL	24,623,100

613	Shift		Flush Time			Documentation		
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log	
20-Dec	14:00	22:00		19:42		2:18 20211220 1400-2200	N/A	
20-Dec	22:00	6:00				8:00 20211220 2200-0600	N/A	
21-Dec	6:00	14:00				8:00 20211221 0600-1400	N/A	
21-Dec	14:00	22:00				8:00 20211221 1400-2200	N/A	
21-Dec	22:00	6:00				8:00 20211221 2200-0600	N/A	
22-Dec	6:00	14:00				8:00 20211222 0600-1400	N/A	
22-Dec	14:00	22:00		15:17		1:17 20211222 1400-2200	N/A	
23-Dec	22:00	6:00	23:13	2:11		2:58 20211223 2200-0600	N/A	
24-Dec	6:00	14:00	10:18			3:42 20211224 0600-1400	N/A	
24-Dec	14:00	22:00		14:08		0:08 20211224 1400-2200	Y	
24-Dec	22:00	6:00	1:48	5:01		3:13 20211224 2200-0600	Y	
25-Dec	14:00	22:00	19:52			2:08 20211225 1400-2200	N/A	
25-Dec	22:00	6:00		23:37		1:37 20211225 2200-0600	N/A	
26-Dec	6:00	14:00	9:32			4:28 20211226 0600-1400	N/A	
26-Dec	14:00	22:00		14:42		0:42 20211226 1400-2200	N/A	
26-Dec	22:00	6:00	2:46			3:14 20211226 2200-0600	N/A	
27-Dec	6:00	8:00		7:25		1:25 20211227 0600-1400	N/A	
27-Dec	8:00	20:00	18:45			1:15 20211227 0800-2000	N/A	
27-Dec	20:00	8:00				12:00 20211227 2000-0800	N/A	
28-Dec	8:00	20:00		11:57		3:57 20211228 0800-2000	N/A	

TOTAL RUN @ FLOW of 400			
TIME	84:22		
VOLUME	2,024,800 Gallons		

6.7.1. The total volume flushed through zone F1 was 24,623 KGal. The volumes of water that passed through D1, D2, D3, D4, F2, H1, H2, H3, and I1 was included in the zone F1 volumetric turnover because the supplied water passed through the S1 tank. Actual volumetric turnovers exceeded the minimum requirement.

6.8. SCADA DATA: SCADA was an effective tool when meters were located at both the entrance and exit of the zone. Due to the distribution network scale and lack of meters in this zone, information from SCADA provided limited use.

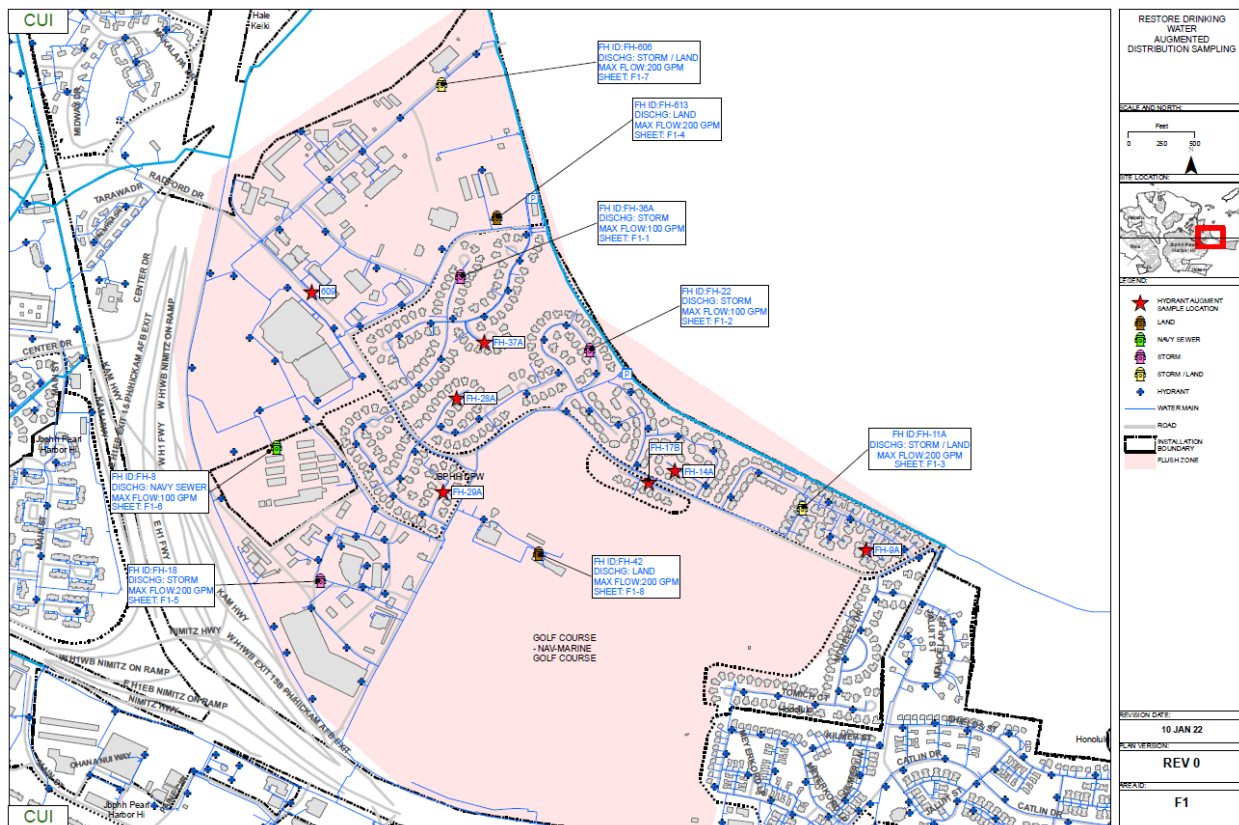


Figure 2: Flush Zone F1

C.C. Chase
CC, CC, CC

C. C. CHASE

February 15, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: VALIDITY AND APPLICATION OF VOLUMETRIC EXCHANGE METHOD

Ref: (a) Drinking Water Distribution System Recovery Plan, December 2021

Encl: (1) Dr. Whelton email documenting volumetric exchange method dtd 08 JAN 22

1. This letter documents the basis of the volumetric exchange method used in the development of reference (a). The basis of the flushing method was based on two key recommendations from Dr. Whelton, who served as the Navy's consultant in the early stages of the incident. Enclosure (1) documents key recommendations from Dr. Whelton which included flushing from a clean source, systematically moving through the entire system, and flushing at least three times the pipe volume. Rules of three is what Dr. Whelton generally recommends.

2. Reference (a) incorporated the recommendations from Dr. Whelton by creating a flushing sequence that began with clean water from the Waiawa shaft and flushing systematically through the entire system. The volumetric exchanges for each zone and zone flushing sequence plan was developed by Navy engineers. This is outlined in table 2.4, Distribution System Recovery Plan Diagram, and section 2.5, Flushing Plan Phasing, of reference (a). A safety factor was applied to the rule of three to obtain five volumetric turnovers for the phase 1 zone areas. Phase 2 zone areas had three volumetric turnovers. Phase 3 zone area had two volumetric turnovers and phase 4 zone areas had one volumetric turnover. The phase 3 and phase 4 zone volumetric turnover determinations were made after considering the up-gradient zone flushing volumes and the non-potable use of water in the zones.

3. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

MENO.MICHAEL.WAYNE.JR. Digitally signed by
MENO.MICHAEL.WAYNE.JR.
1088310035 Date: 2022.02.15
07:17:55 -10'00'

M. W. Meno
Captain, U.S. Navy Civil Engineer Corps

****Phone numbers have been redacted****

From: Whelton, Andrew J <[REDACTED]>
Sent: Saturday, January 8, 2022 4:58 AM
To: Lee, Andre K (NAVFAC HI BD) CIV USN NAVFAC HAWAII PEARL (USA) <[REDACTED]>
Cc: Isaacson, Kristofer P <[REDACTED]>; Proctor, Caitlin Rose <[REDACTED]>
Subject: [URL Verdict: Neutral][Non-DoD Source] RE: Cross Connection Control Plan and Flushing Plan documentation requirements for DoH

LCDR Daly,

I am free to talk later this afternoon today if you want. I'm Mountain Standard Time.
Below is some information.

Andy
[REDACTED]

FEEDBACK

1. You applied unidirectional flushing and if you opened hydrants fully you likely maximized velocity in the pipes you were flushing. The issue they seem to be getting at is scouring velocity which you identify. This is used for removing sediment (typical cleaning of water pipes) as you know. There is no SOP for water contamination response and recovery, so you applied standard water distribution system maintenance practice of unidirectional flushing. This is good. The state I think invoked water main disinfection standard which, to my knowledge isn't applicable here unless you conducted shock disinfection.
 - a. For perspective, per a Water Research Foundation study: Microbial Control Strategies for Main Breaks and Depressurization, Project 4307. Published 2014. Denver, Colorado.
 1. Scouring velocity helps removed sediment from water mains/pipes. To achieve 2.5 to 3 log removal of sand particles for 4-to-16-inch diameter PVC pipes, 3 ft/s is needed.
 2. In that report, to achieve this removal for a 6-inch diameter PVC pipe, Q was 308 GPM
 3. In that report, to achieve this removal for 4-inch diameter PVC pipe, Q was 137 GPM
 - b. We recommended starting flushing from the clean water source and moving systematically through the entire system in a unidirectional way. If you all did this, be sure to explain that. That helps minimize the change residual "old" water gets untouched, or is left in the system.
 - c. You could calculate scouring velocities in each of the areas. If any are lower than desired you can go back and just keep repeat flushing giving an added level of safely.
 - d. The state's interest in scouring velocity may be of concern that (JP-5?) free product adsorbed to sediment/scales and they want to be certain it got scoured out. If it didn't, it could dissolve it's constituents into water over time.
 - e. Dead-ends are really important. You need to specifically address how you will get that water out. In West Virginia, many weeks after the spill and utility had flushed out the black-licorice smelling contaminated water out someone in a distal part of the system complained about odor. To my recollection the utility thought it was psychological, but it turned out there was a dead-end they didn't flush. Somehow that contaminated water got drawn into a nearby home and someone was exposed.

- f. Question: How long was each hydrant open typically?
 - g. I think we mentioned flushing 3 times the pipe volume. Rules of three is what I often recommend. Flushing velocity is certainly important. I vaguely remember NAVFAC had contracted a consultant to create the flushing plan.
2. JP-5 isn't a single contaminant which we've talked about before. It's a mixture of 100s-1000s of individual chemicals. Even if JP-5 itself is hydrophobic and primarily found in emulsions or floating on the surface, some of these constituents will still diffuse into the water itself. The question they are likely after is how do you know you removed all parts of JP-5 that may have gotten entrained in the water system? This goes back to what chemicals are you testing for in the water distribution system. JP-5 constituents have different water solubility and octanol-water partitioning coefficients (Log Kow = How much they like to be in biofilm and plastics, not water). Additionally, the different materials (Metal vs PVC vs HDPE vs. gaskets) may be more prone to soaking up some JP-5 contaminants and not others depending on their characteristics. For example, PVC has been shown to be less susceptible to soaking up some crude oil-based contaminants than HDPE pipes (Huang et al. study with Whelton). Ultimately, the fate of the chemicals in the drinking water system will not be the same for all JP-5 constituents. Remember the drawing I drew on the whiteboard when meeting with CDR Chase, NAVFAC, COE, and Army? It showed different constituents may be in different parts of the water system. That's what DOH is likely after. Question to you: What wide screen testing have you done in the water distribution system since December 22? This can help you hunt down that the contaminants are present or gone.
 3. Escalation should be based on how much flushing you are okay with trying. If you want to remove and replace infrastructure (that has sometimes happened after other contamination events on the mainland and overseas), it's a viable but laborious option. As an extreme example, following the Camp Fire it was estimated it would take over a year of continuous flushing to return some contaminated pipes to safe use, so for some conditions they removed and replaced pipes. However, this flushing timeline will vary significantly depending on the water distribution systems and water testing results – AND chemicals or individual JP-5 constituents present. If I knew what the chemicals were still being found and what was done to try to get rid of them, I could give a more informed opinion. Food grade surfactants were used in Israel after a drinking water contamination incident...BUT using surfactants is not trivial and can cause all sorts of damage to water system components and leave residual. This probably isn't an email, but more discussion. Happy to talk. If you decide you want to go this way we should be more engaged technically in what this means. It's not likely an email response/effort, but more involved.
 4. Here's a paper where we reviewed petroleum (and other material) drinking water distribution and plumbing contamination incidents and flushing [Decontaminating chemically contaminated residential premise plumbing systems by flushing - Environmental Science: Water Research & Technology \(RSC Publishing\) DOI:10.1039/C5EW00118H](https://doi.org/10.1039/C5EW00118H). Unfortunately, when we went to

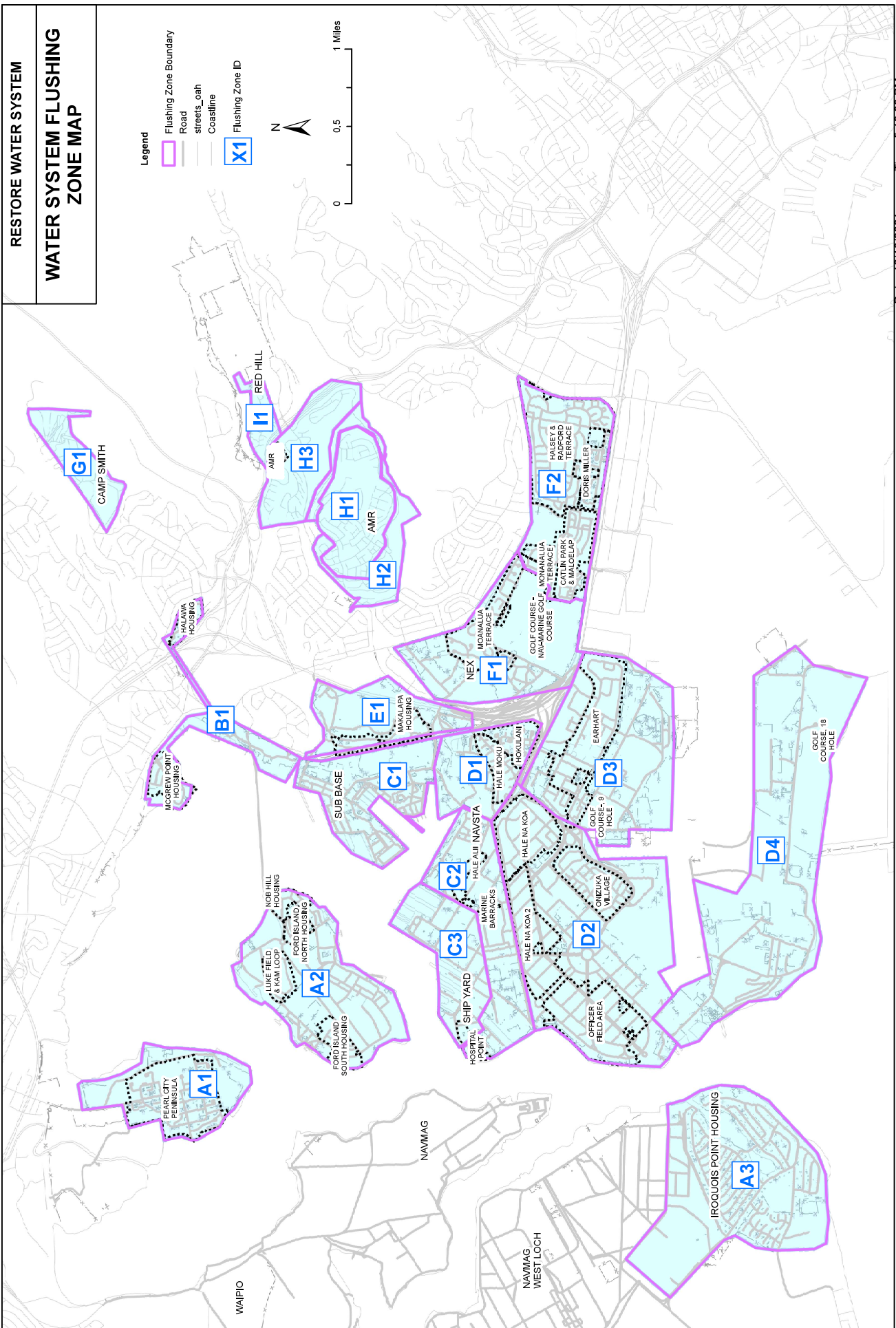
review the underlying evidence of each incident, often the utility and state didn't document much. Even incidents overseas had little documentation. It seems groups simply tried something, it did or didn't work, and they moved on. They also didn't sample much and rarely it an entire water distribution system that was affected.

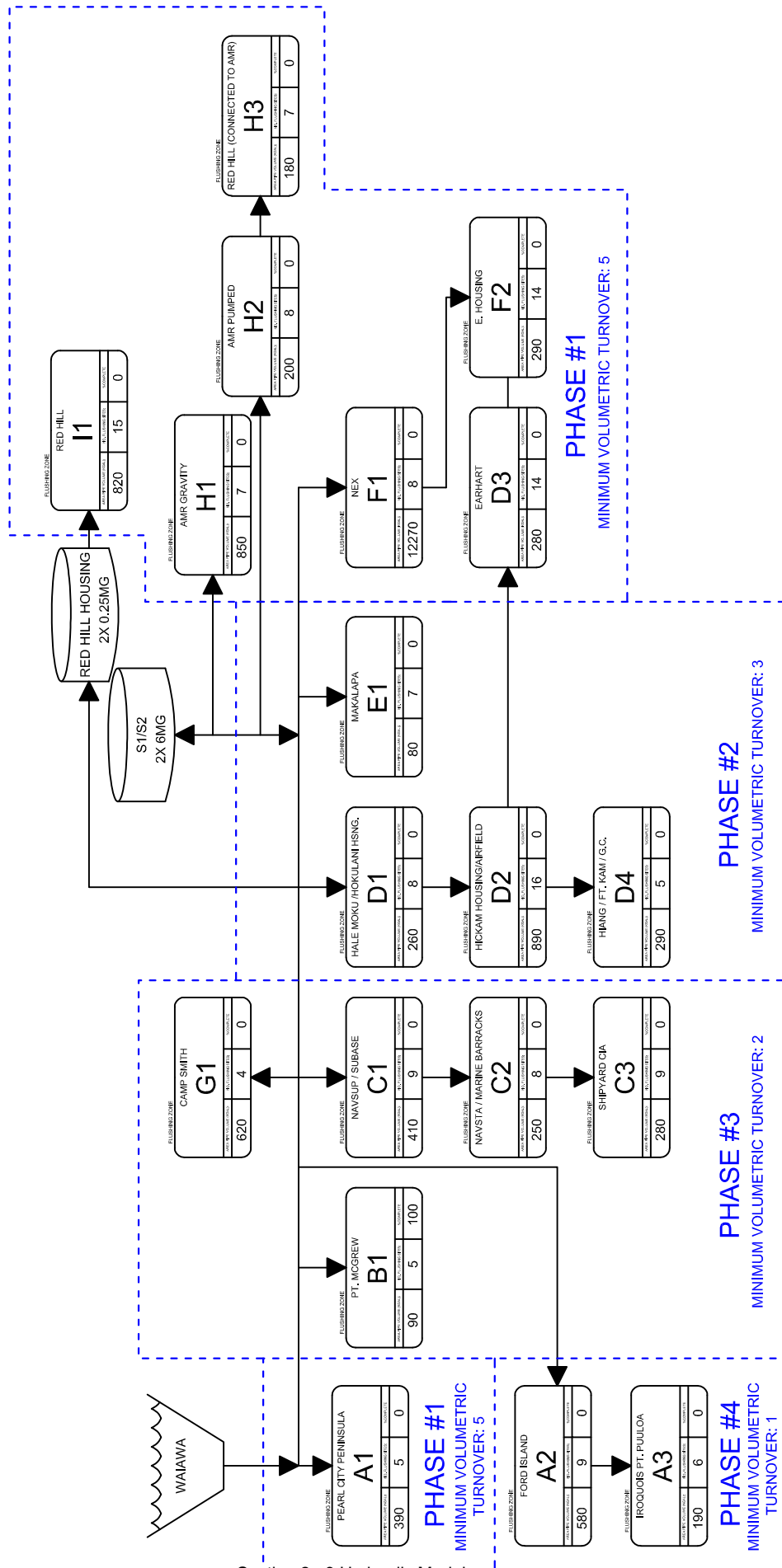
Again, I can get on a zoom call or phone this afternoon MST to connect. I was called into the Colorado wildfires to help the communities identify and design water sampling and recovery plans. We're getting data every day and meeting with state and federal agencies. This is the Marshall Fire and Middle Fork Fire. I apologize for the delayed response.

Andy

Cell/text: [REDACTED]

**Link to Dr.Whelton's Paper: <https://pubs.rsc.org/en/content/articlelanding/2015/ew/c5ew00118h>





Section 2a.3 Hydraulic Model



JBP HH Hydraulic Model

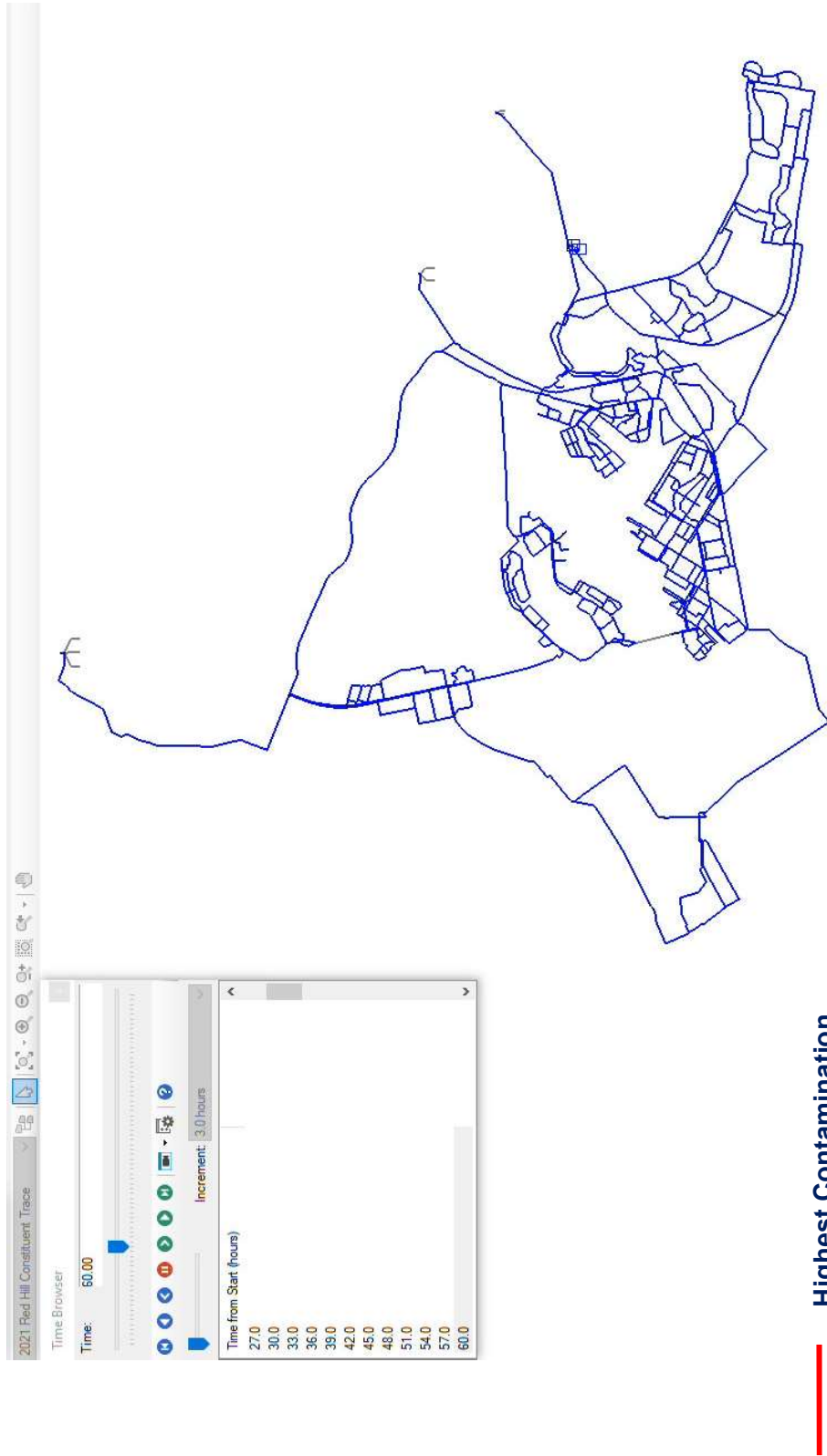
Interagency Drinking Water Supply Team

18 January 2022

CONTROLLED UNCLASSIFIED INFORMATION//CUI

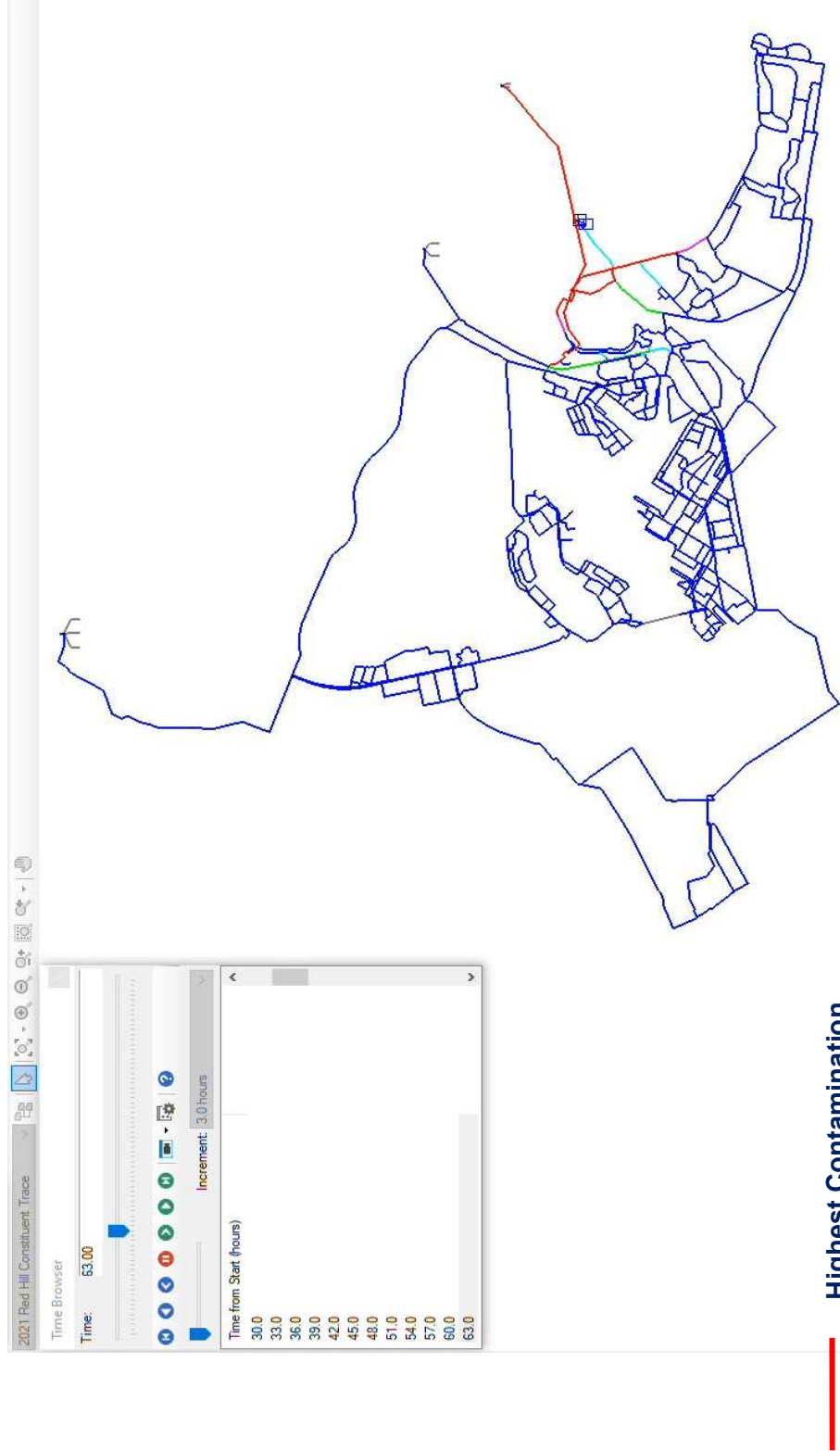


JBP HH Hydraulic Model



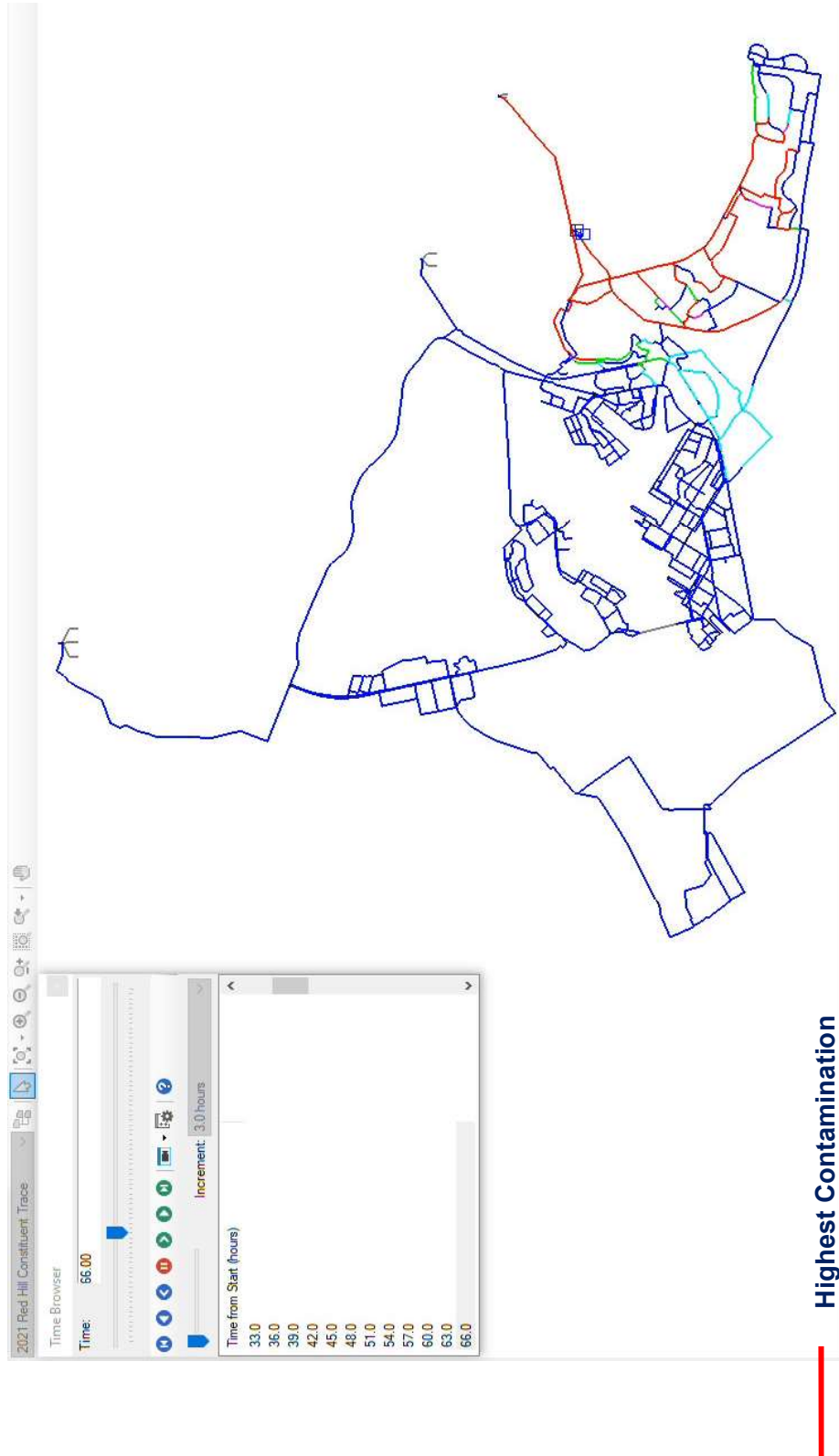


JBP HH Hydraulic Model



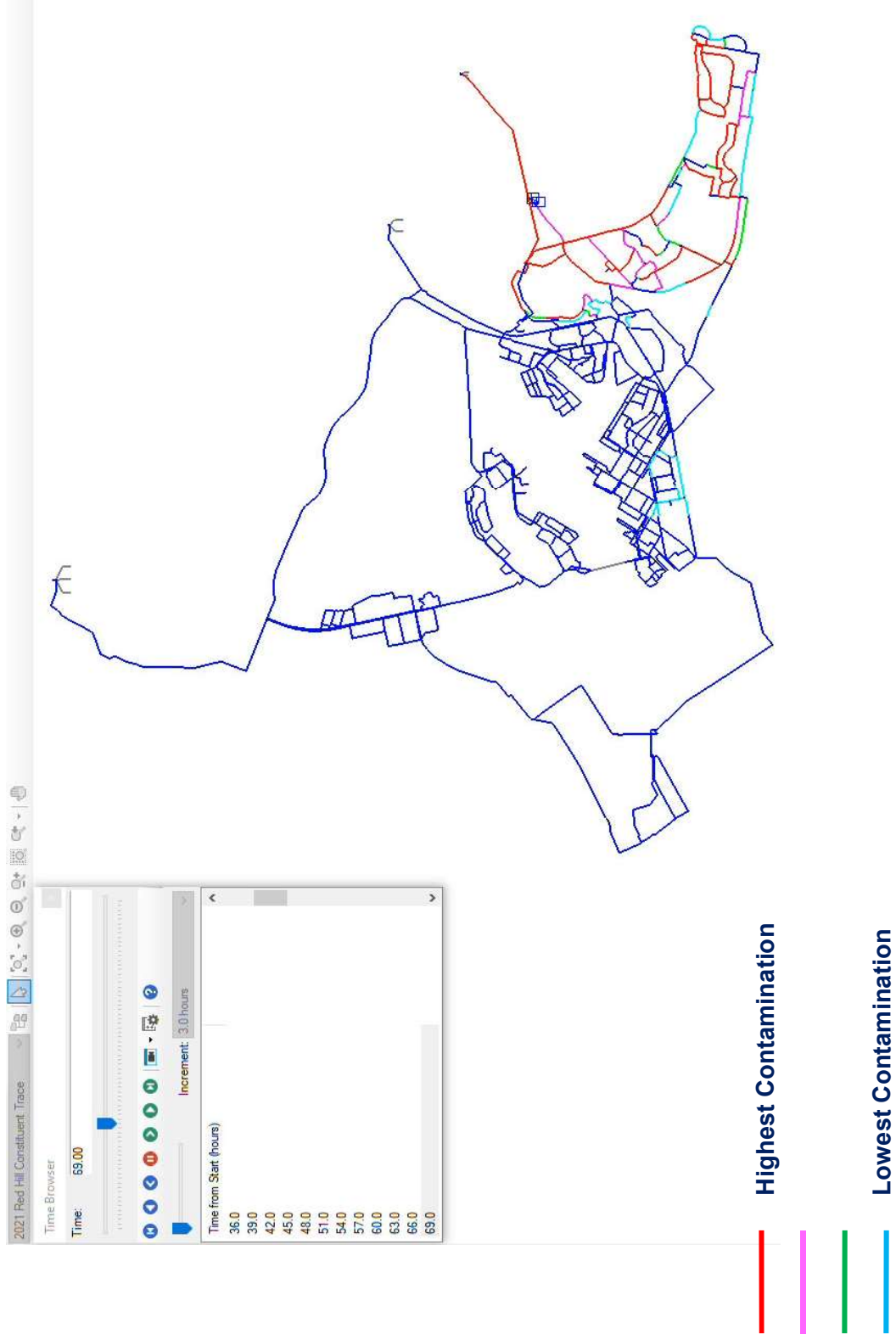


JBP HH Hydraulic Model

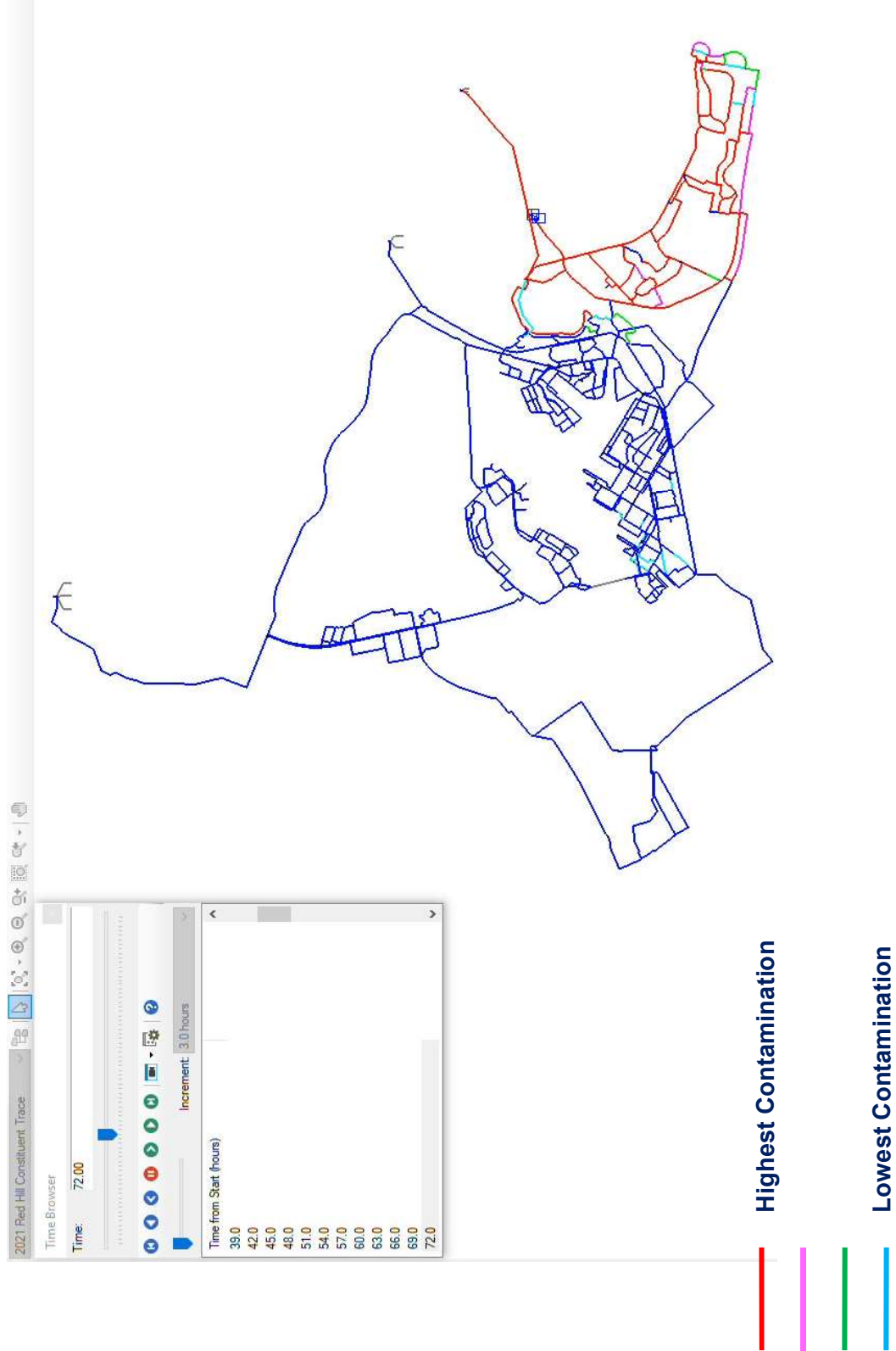




JBP HH Hydraulic Model

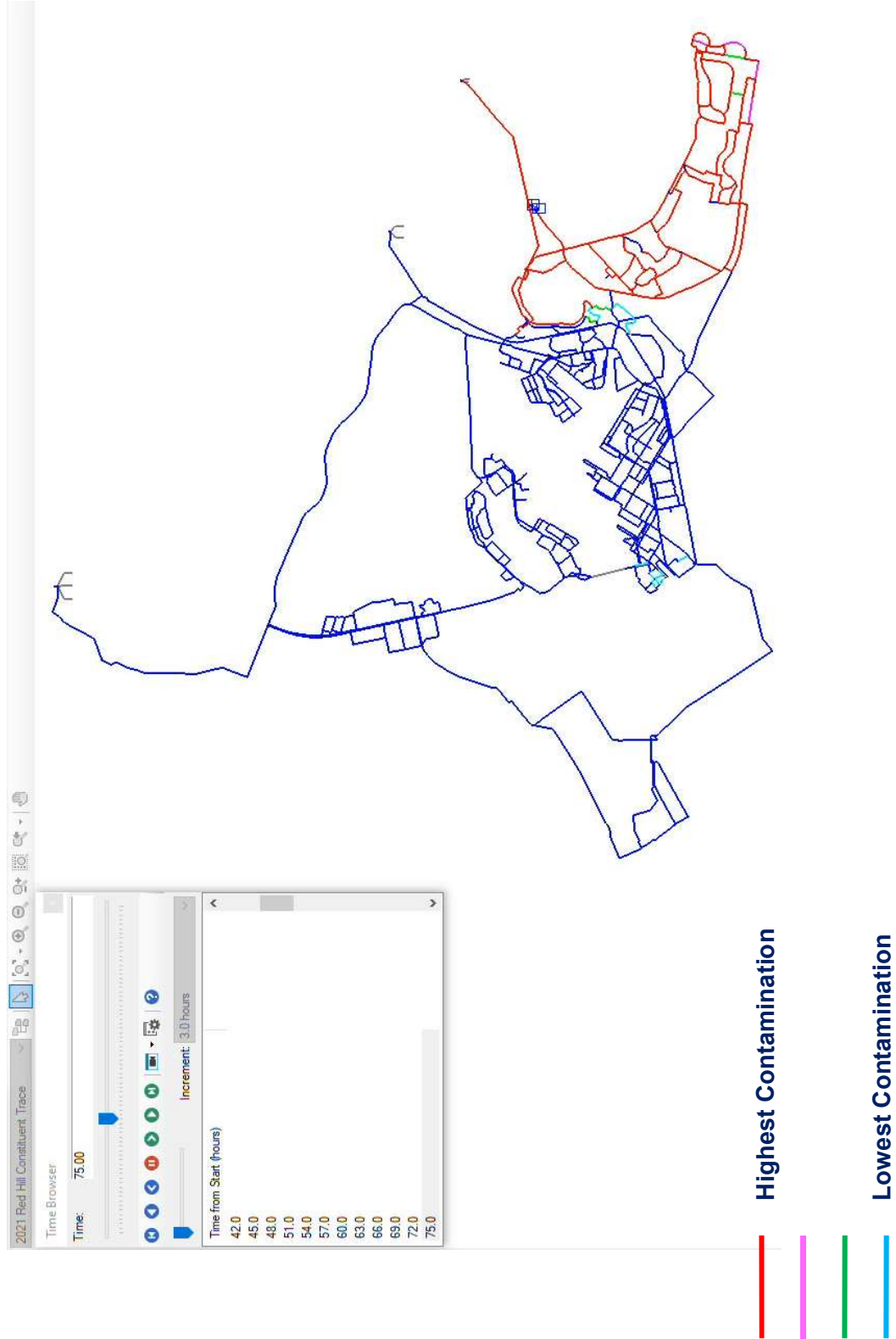


JBP HH Hydraulic Model



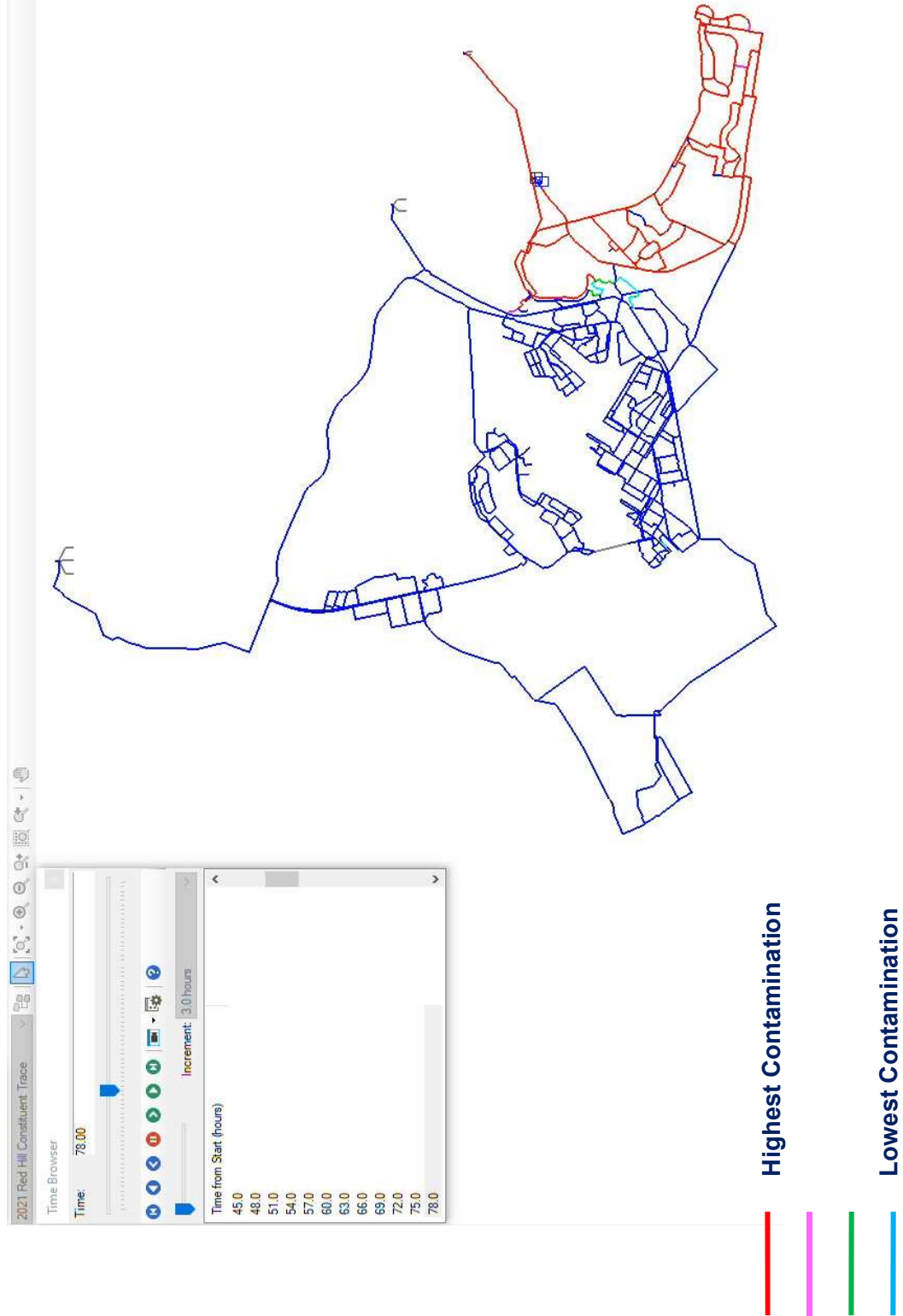


JBP HH Hydraulic Model



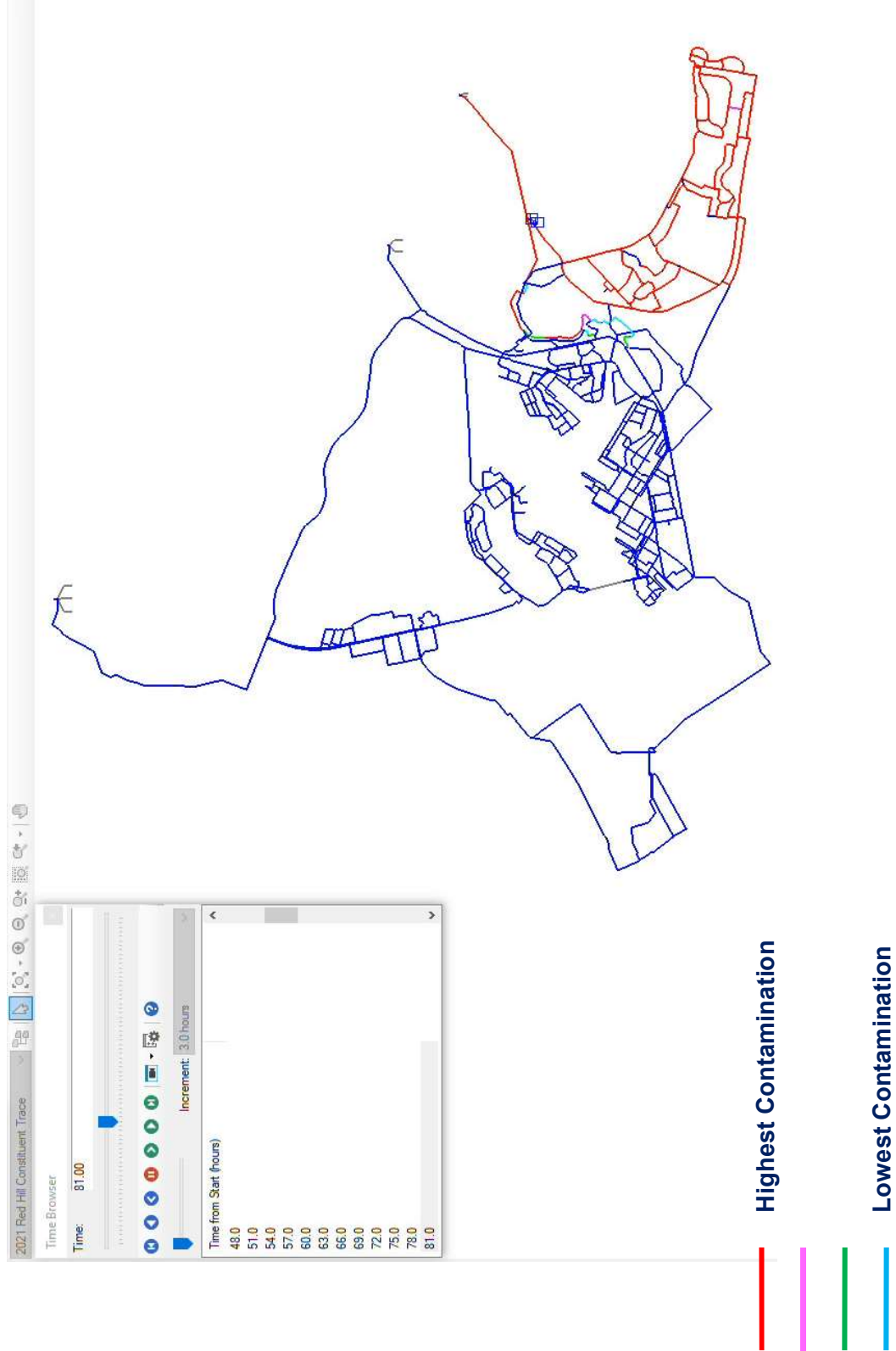


JBP HH Hydraulic Model



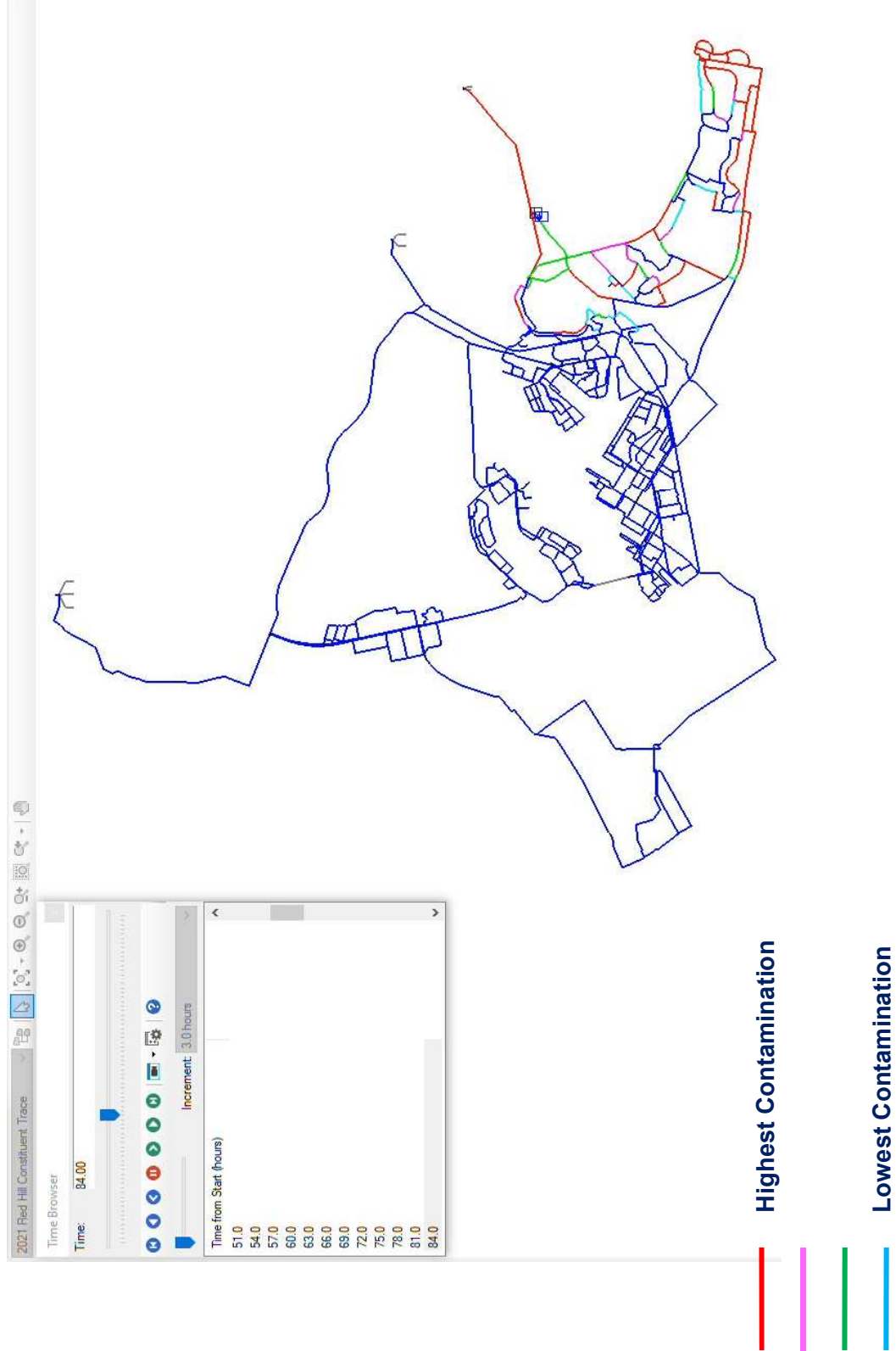


JBP HH Hydraulic Model



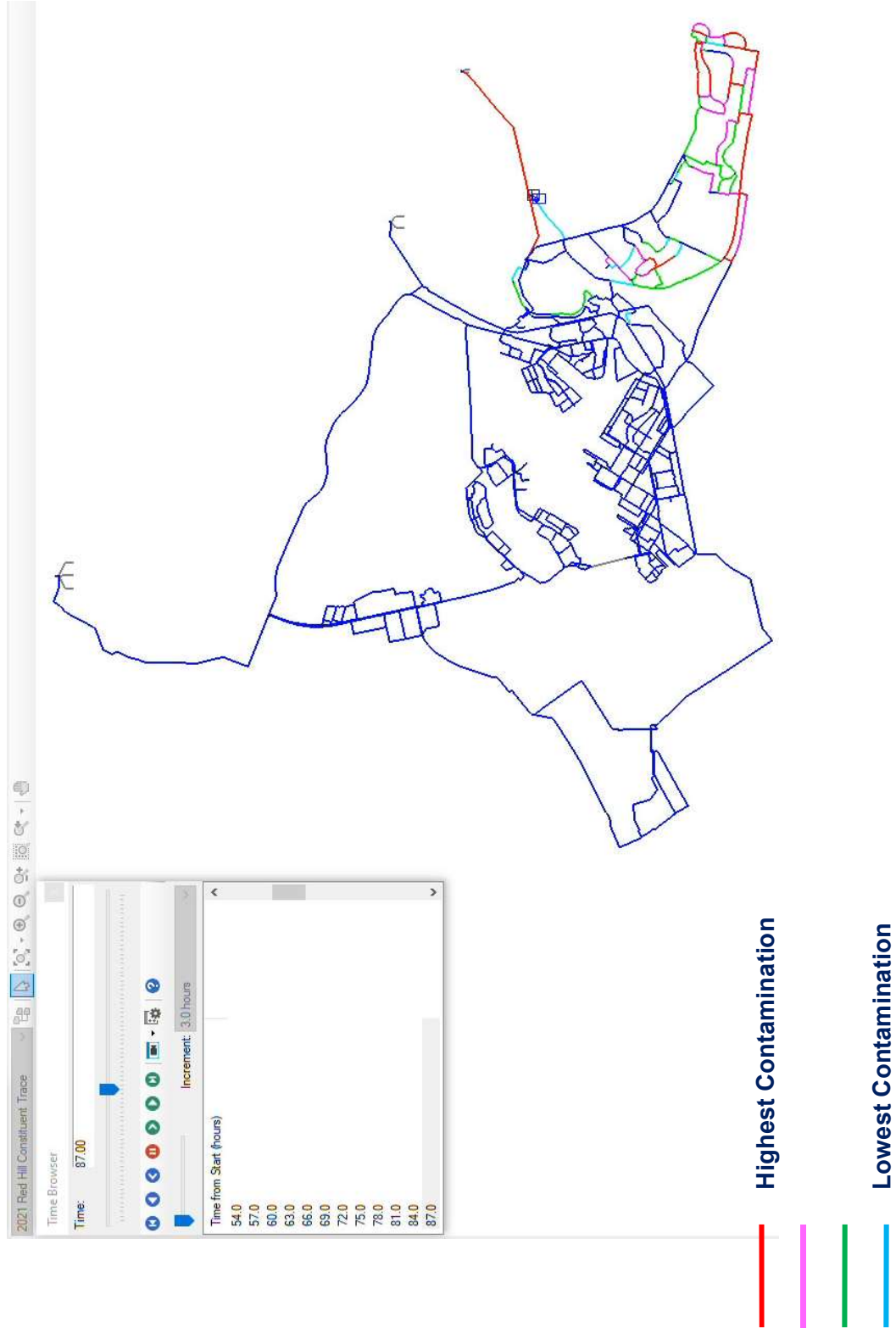


JBP HH Hydraulic Model



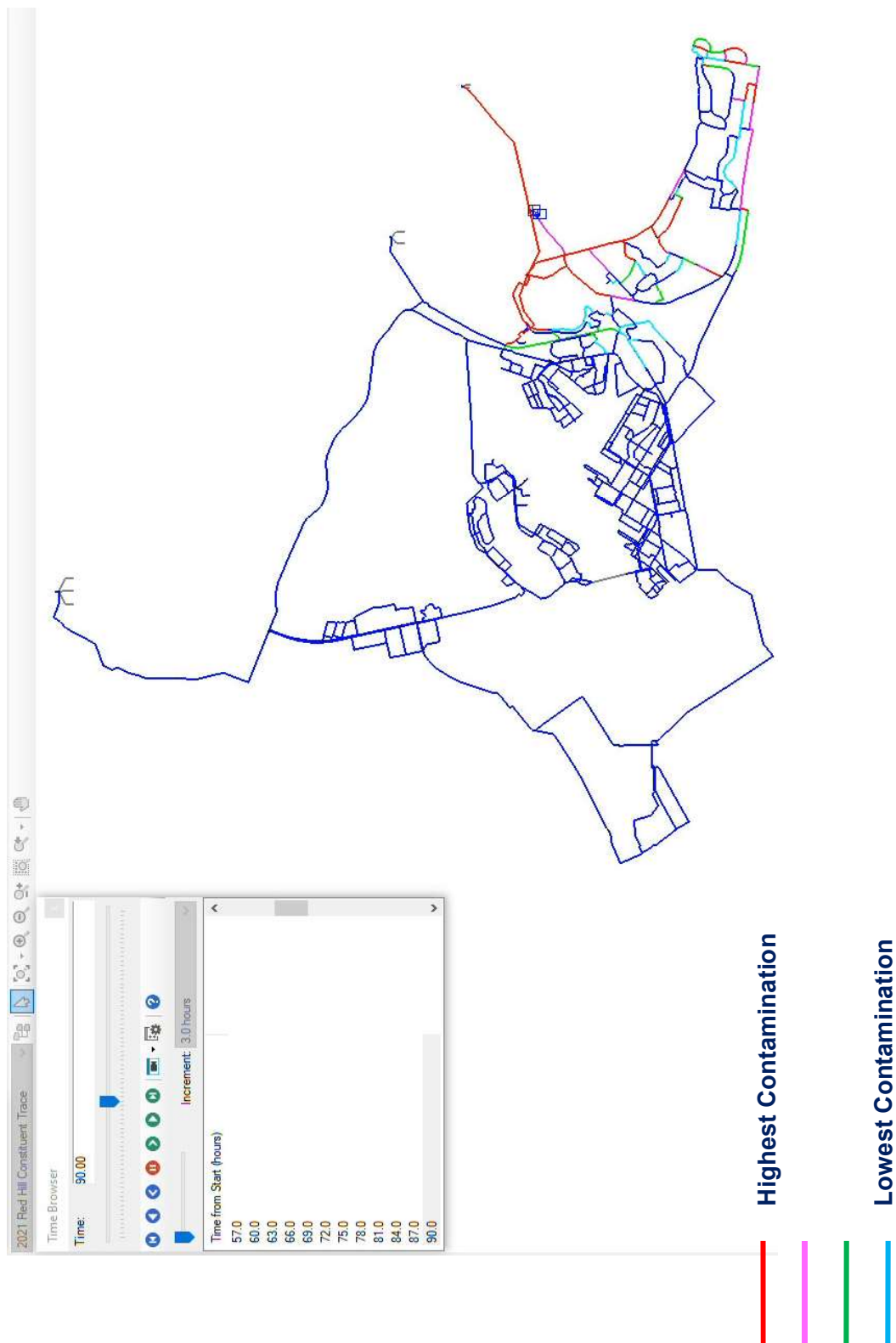


JBP HH Hydraulic Model



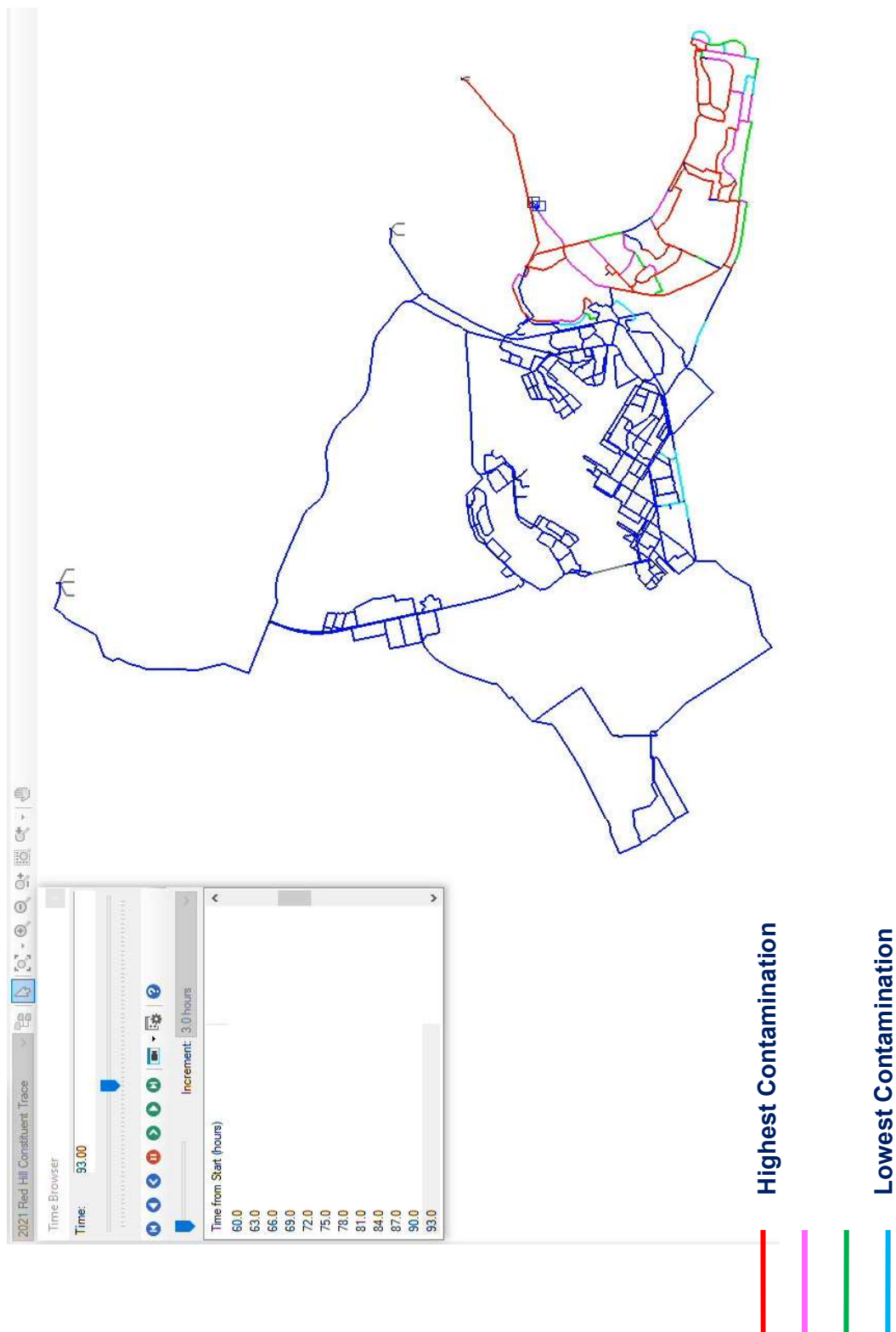


JBP HH Hydraulic Model

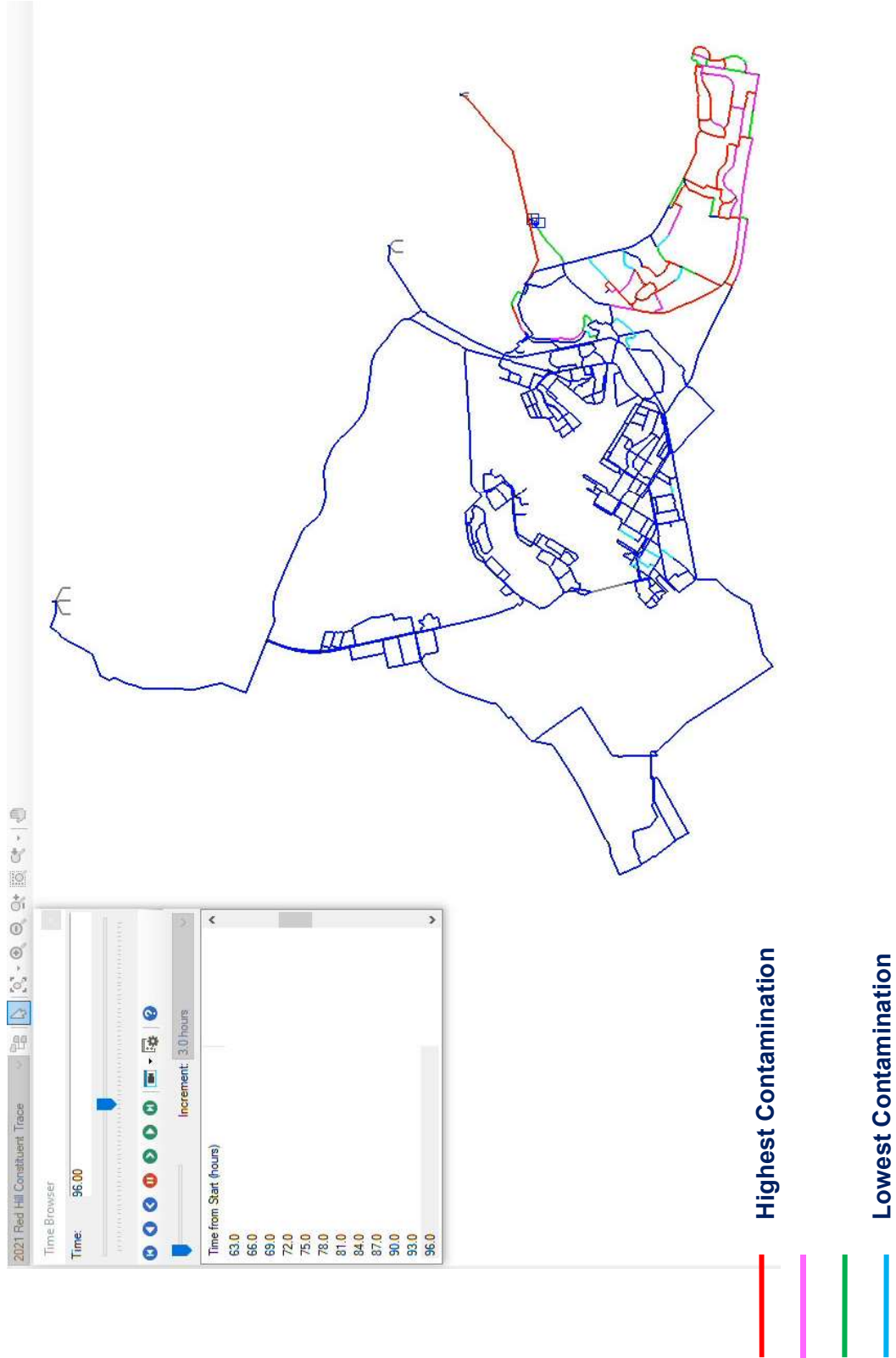




JBP HH Hydraulic Model

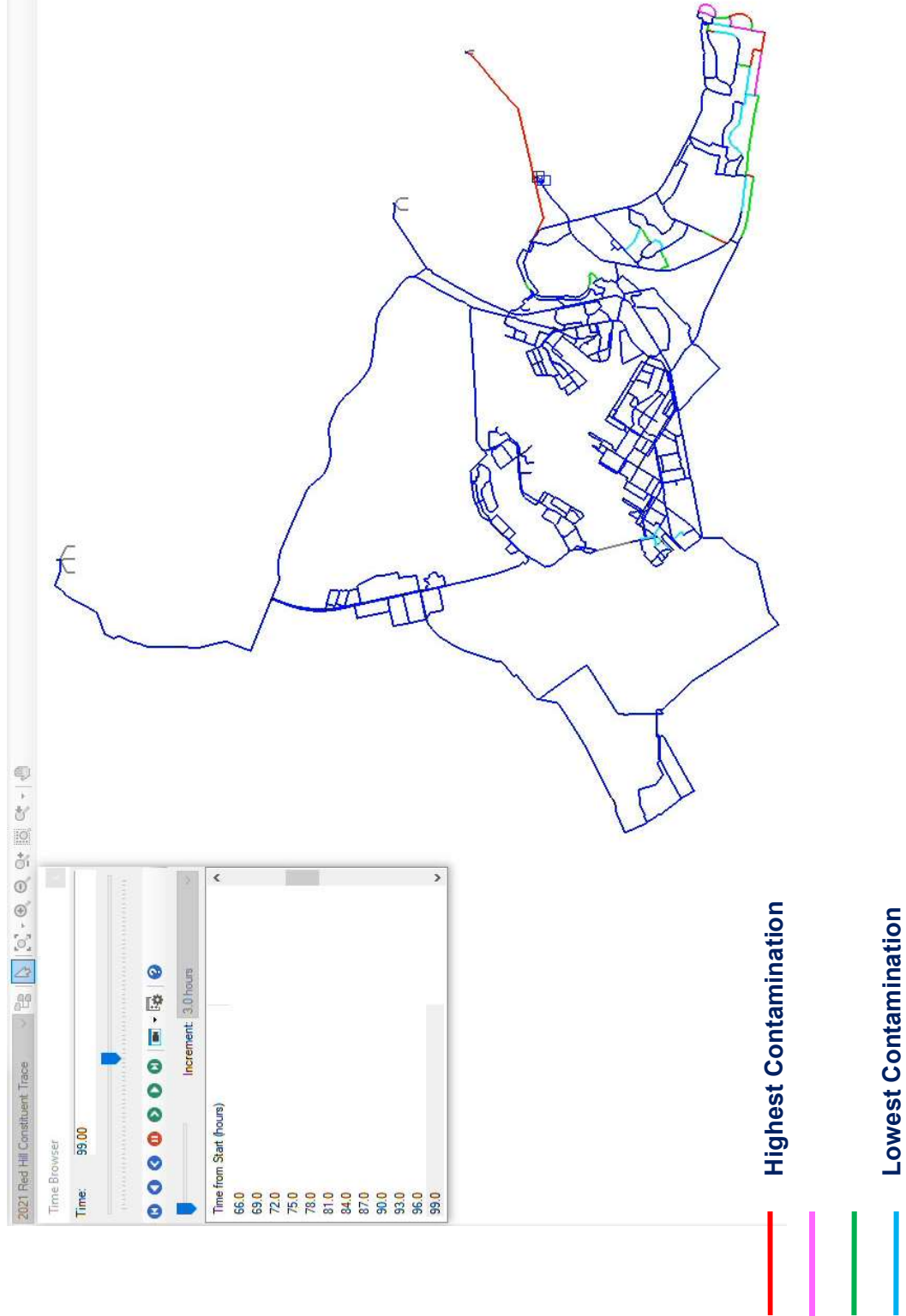


JBP HH Hydraulic Model



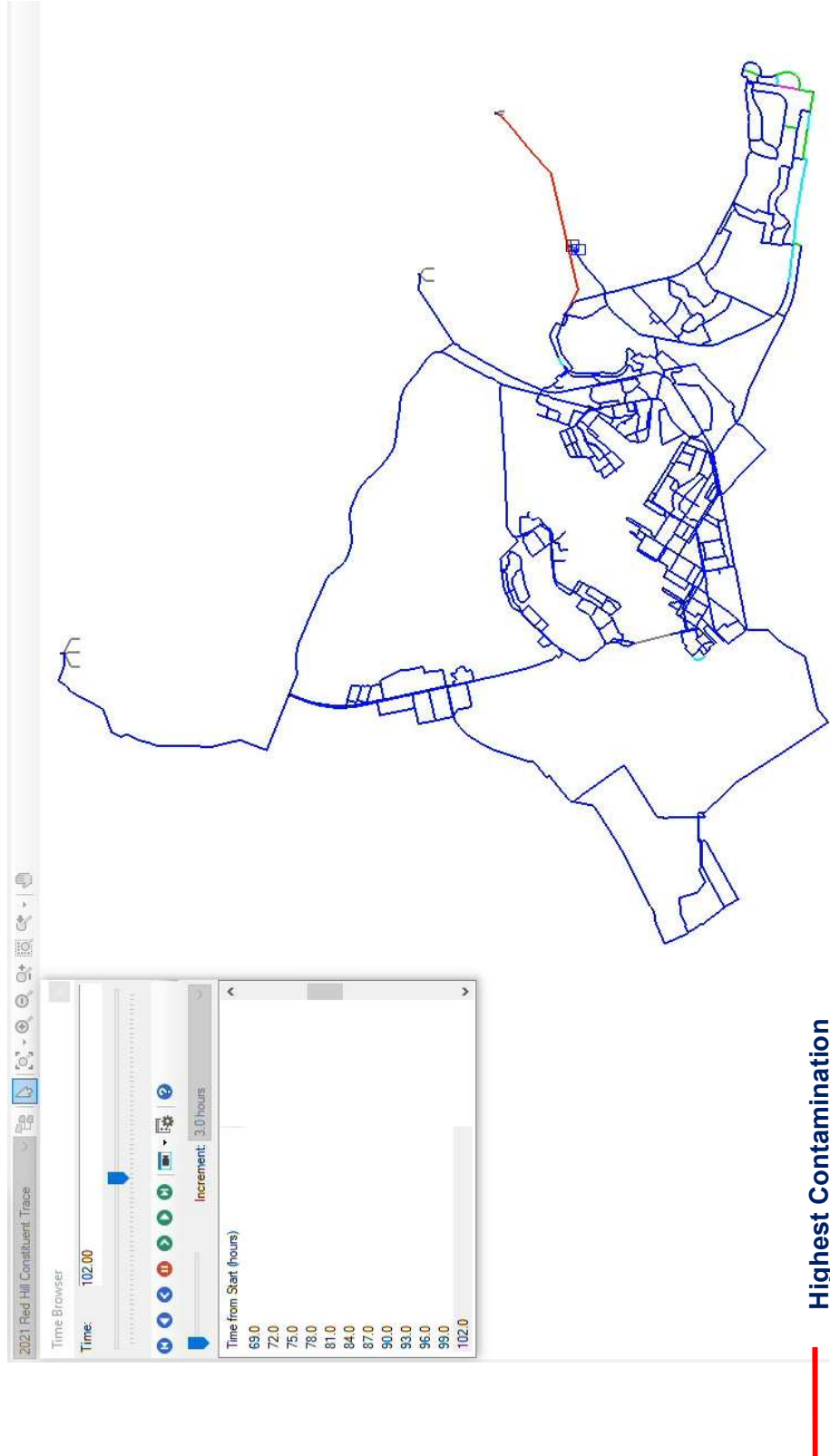


JBP HH Hydraulic Model





JBP HH Hydraulic Model

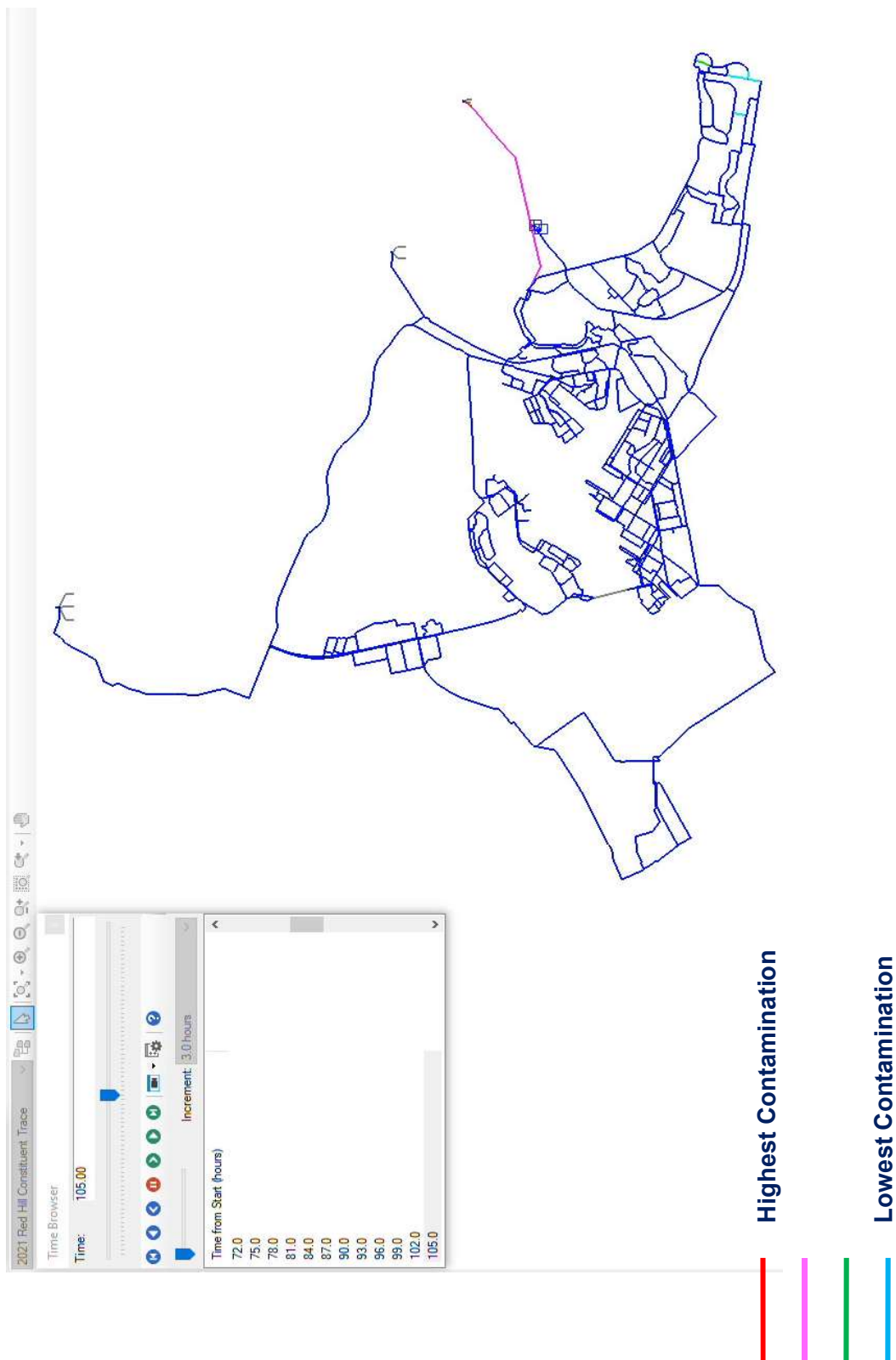


Highest Contamination

Lowest Contamination

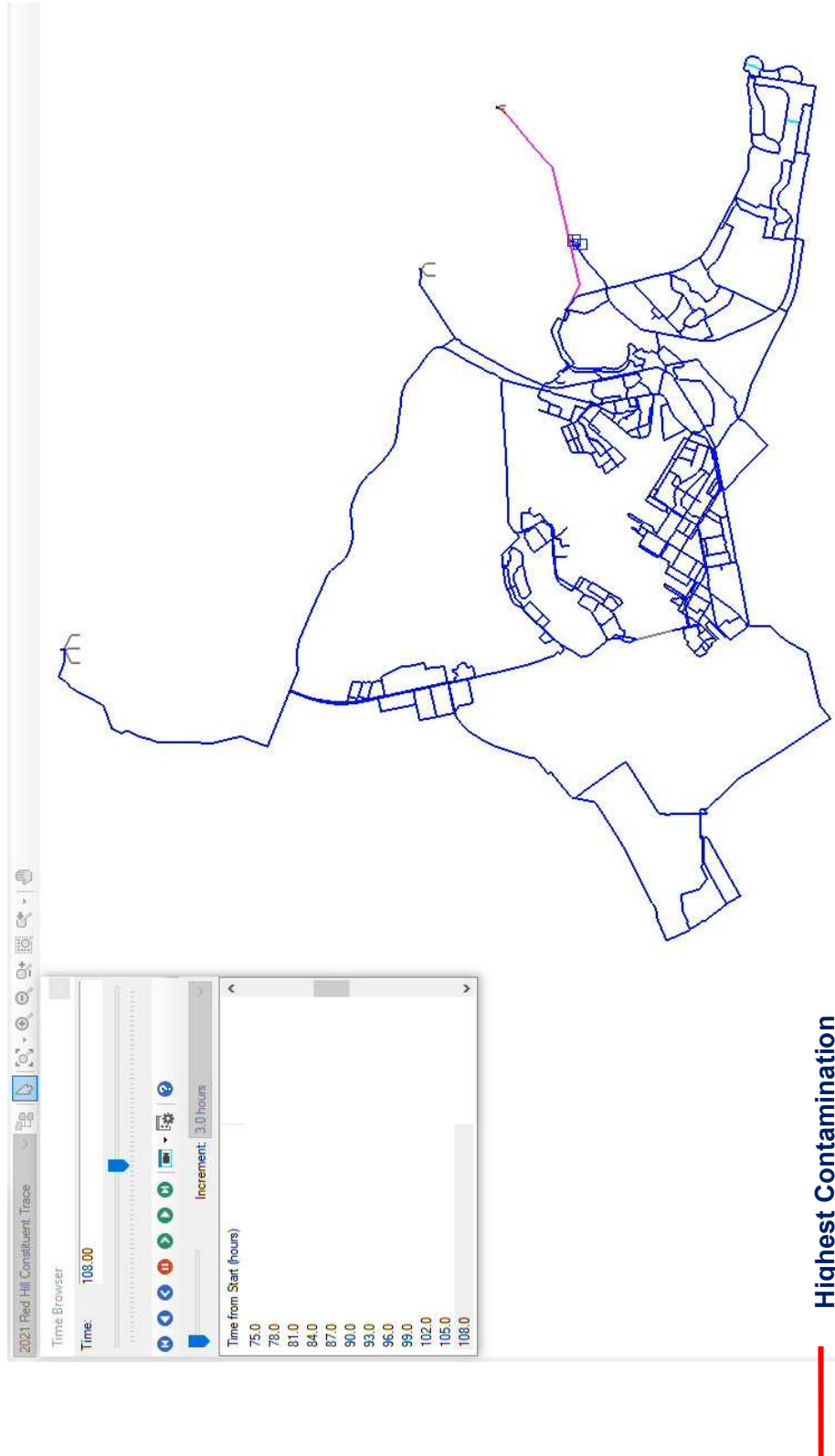


JBP HH Hydraulic Model

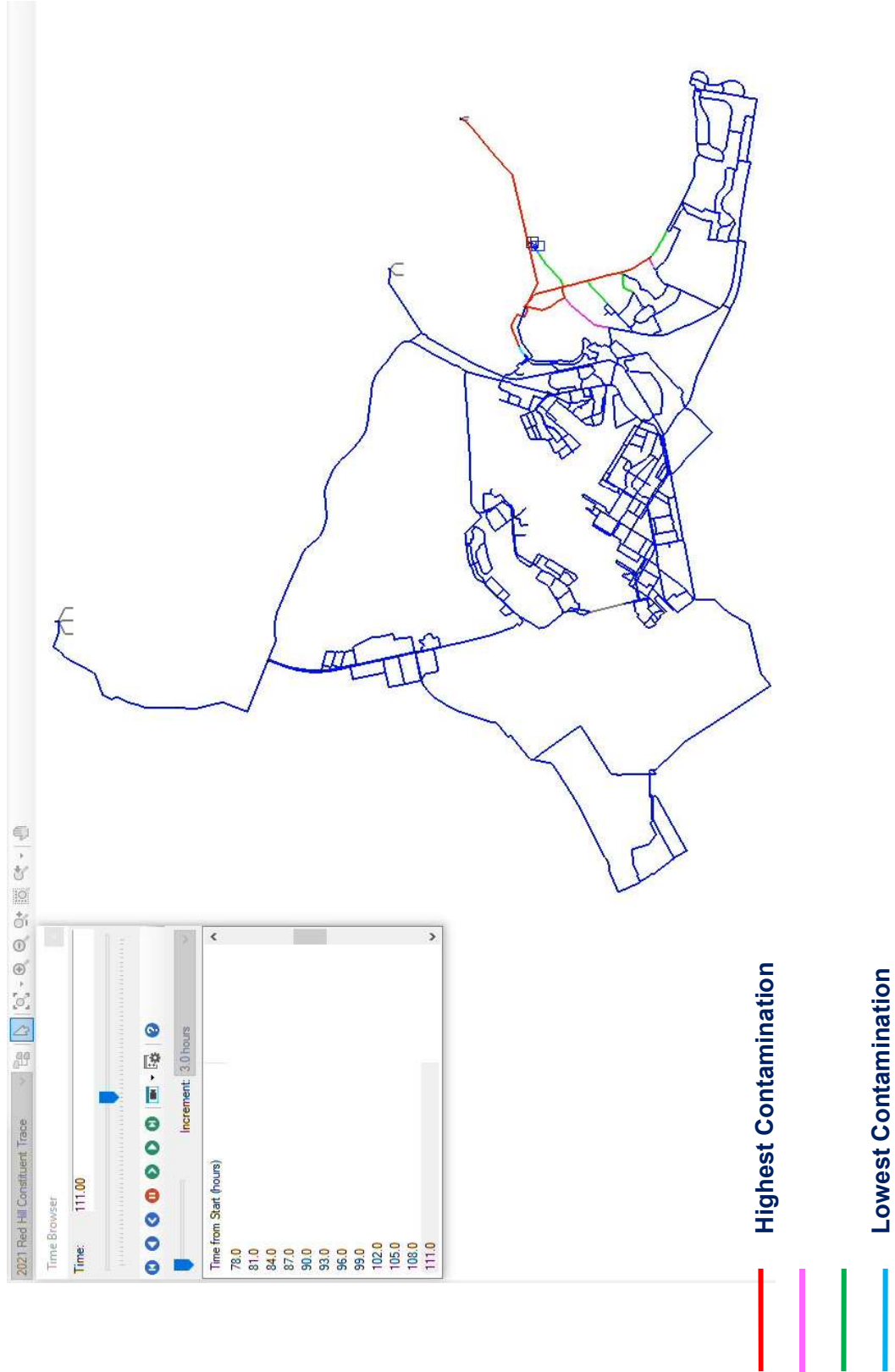




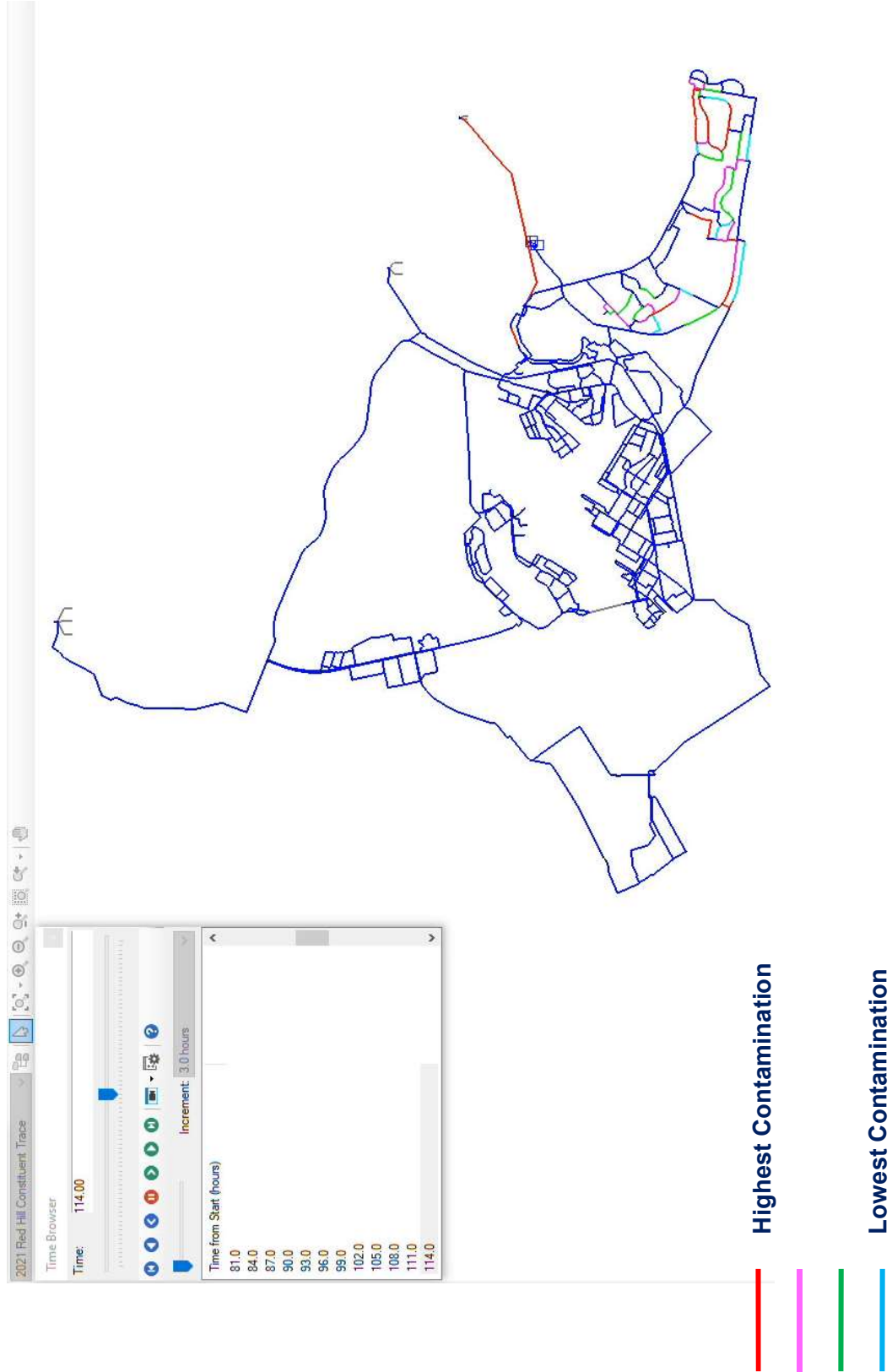
JBP HH Hydraulic Model



JBP HH Hydraulic Model

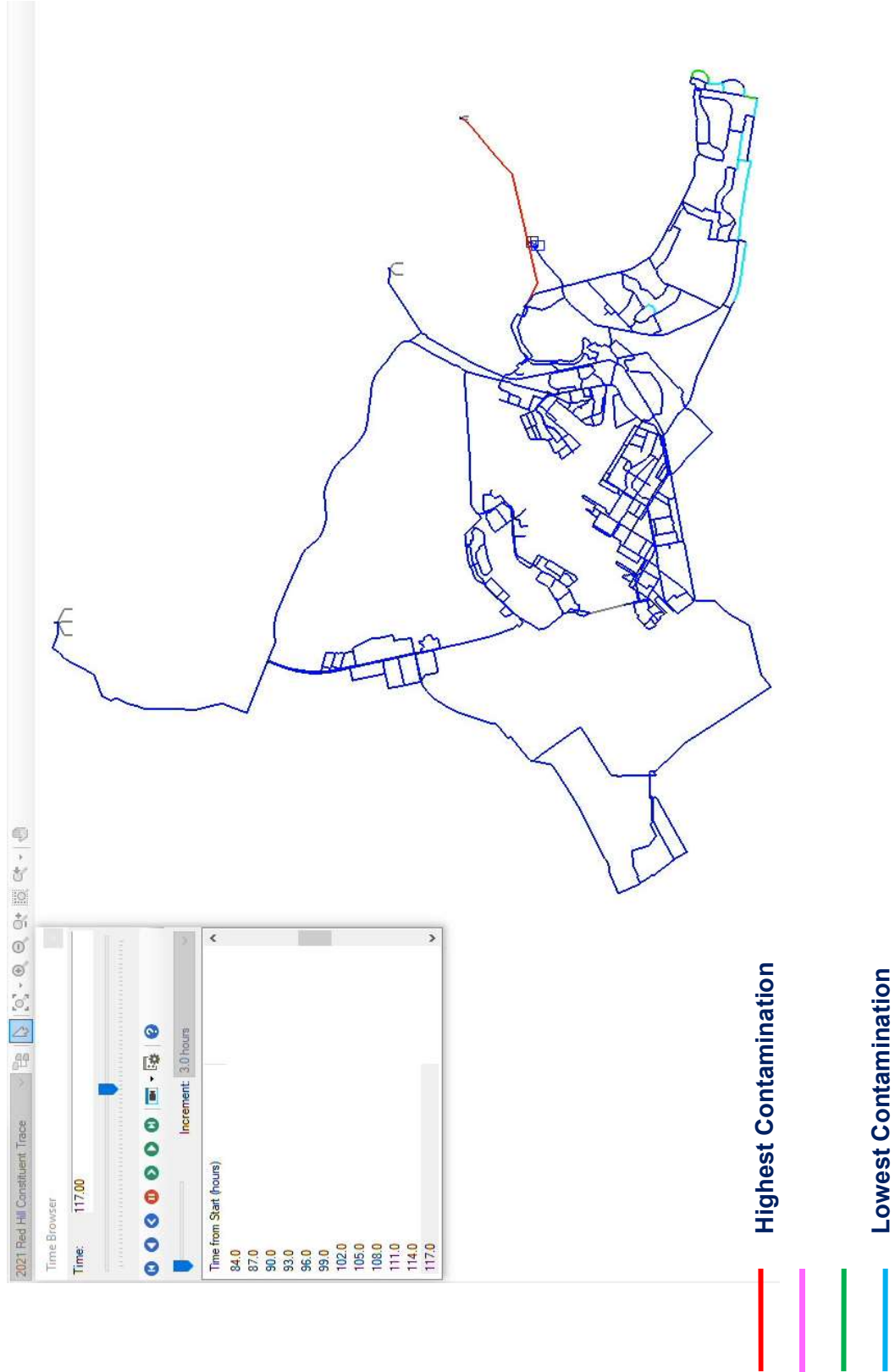


JBP HH Hydraulic Model



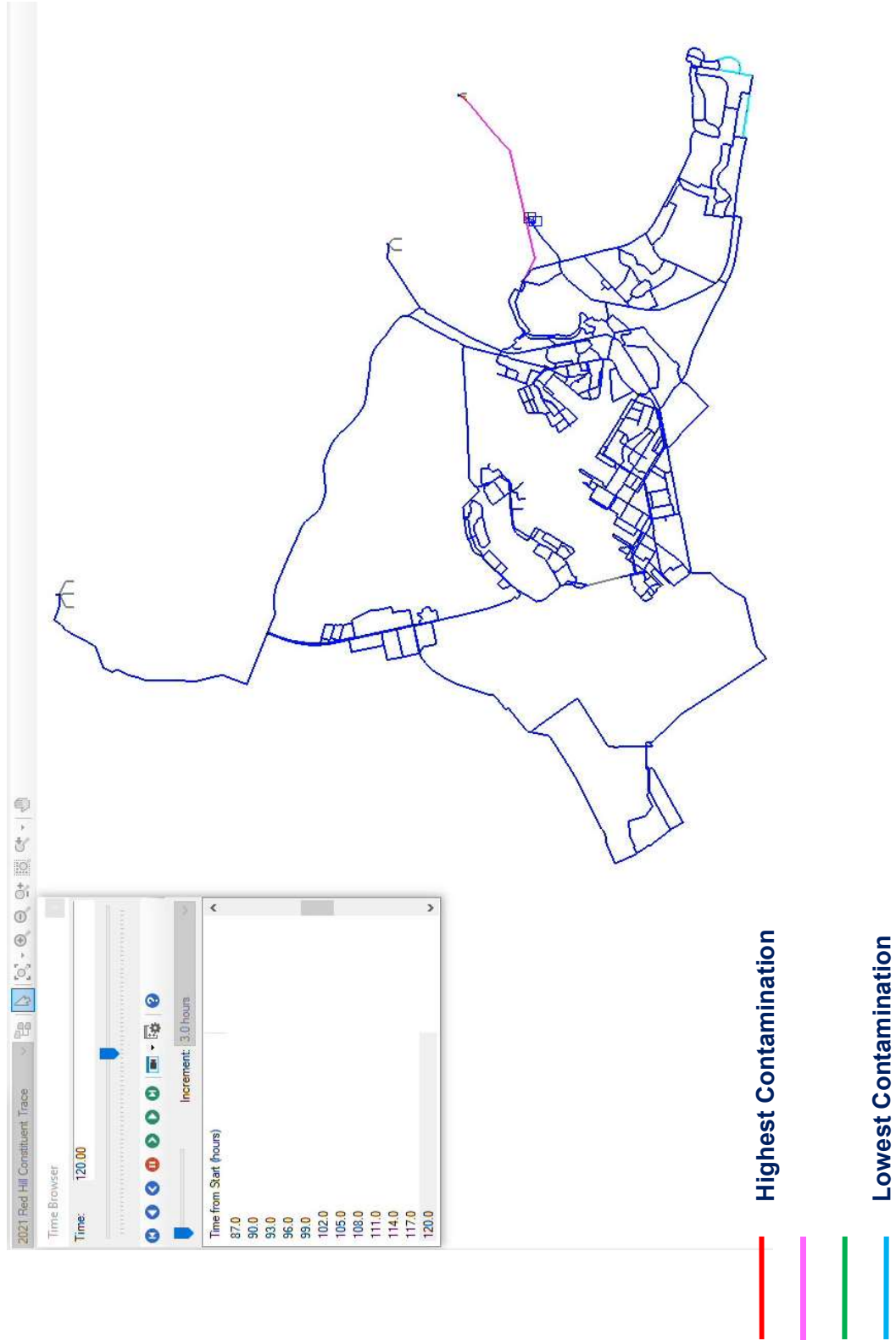


JBP HH Hydraulic Model



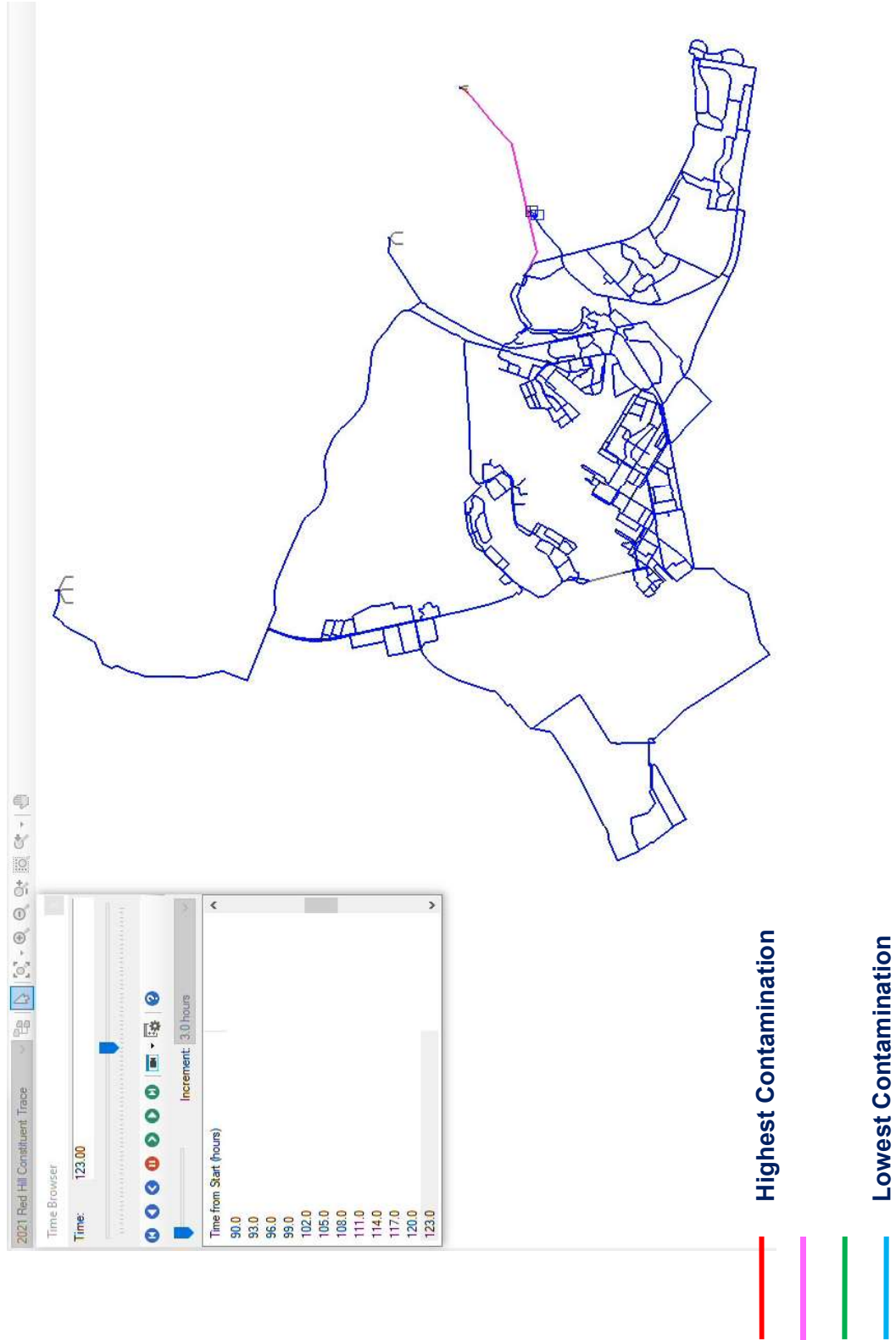


JBP HH Hydraulic Model

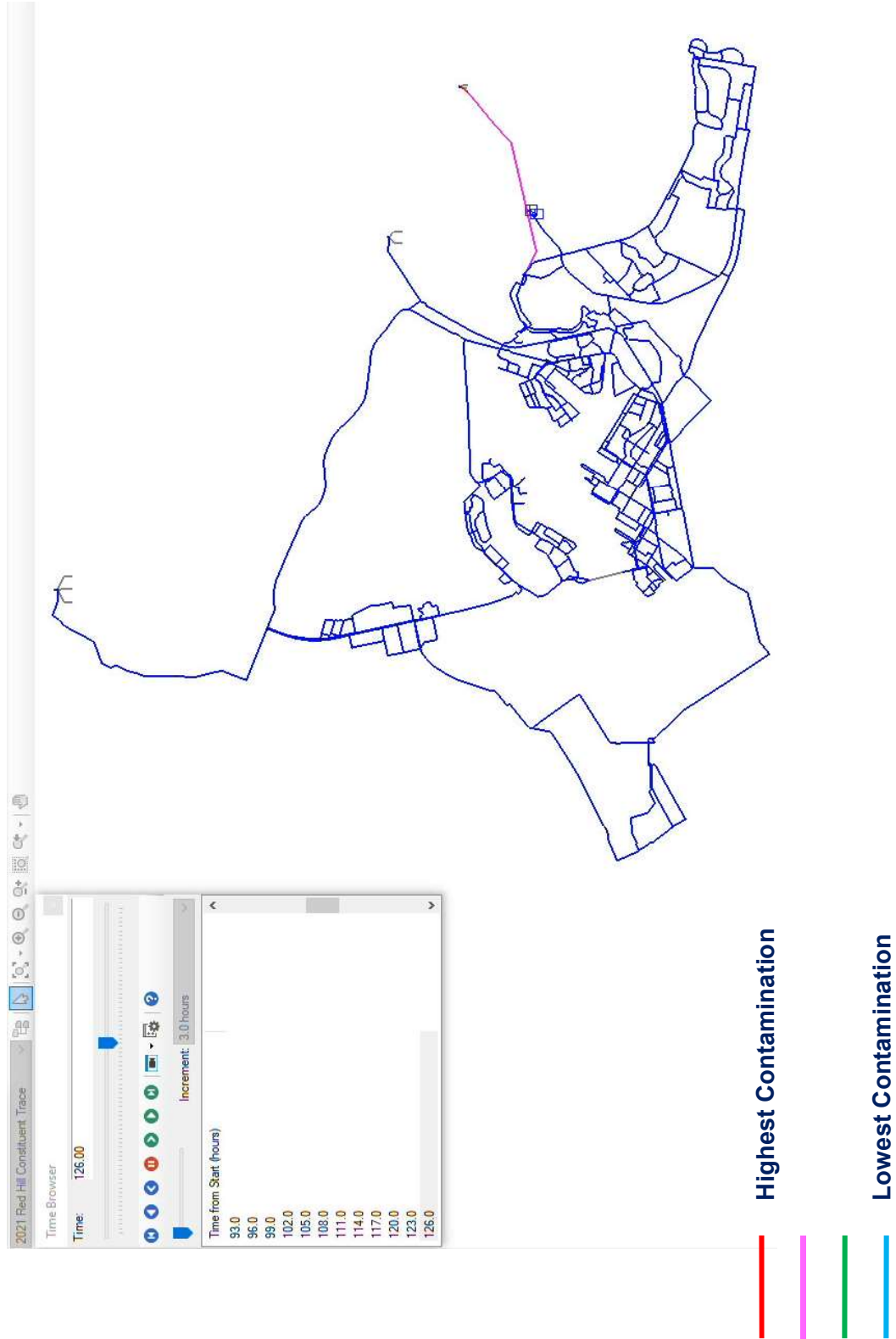




JBP HH Hydraulic Model

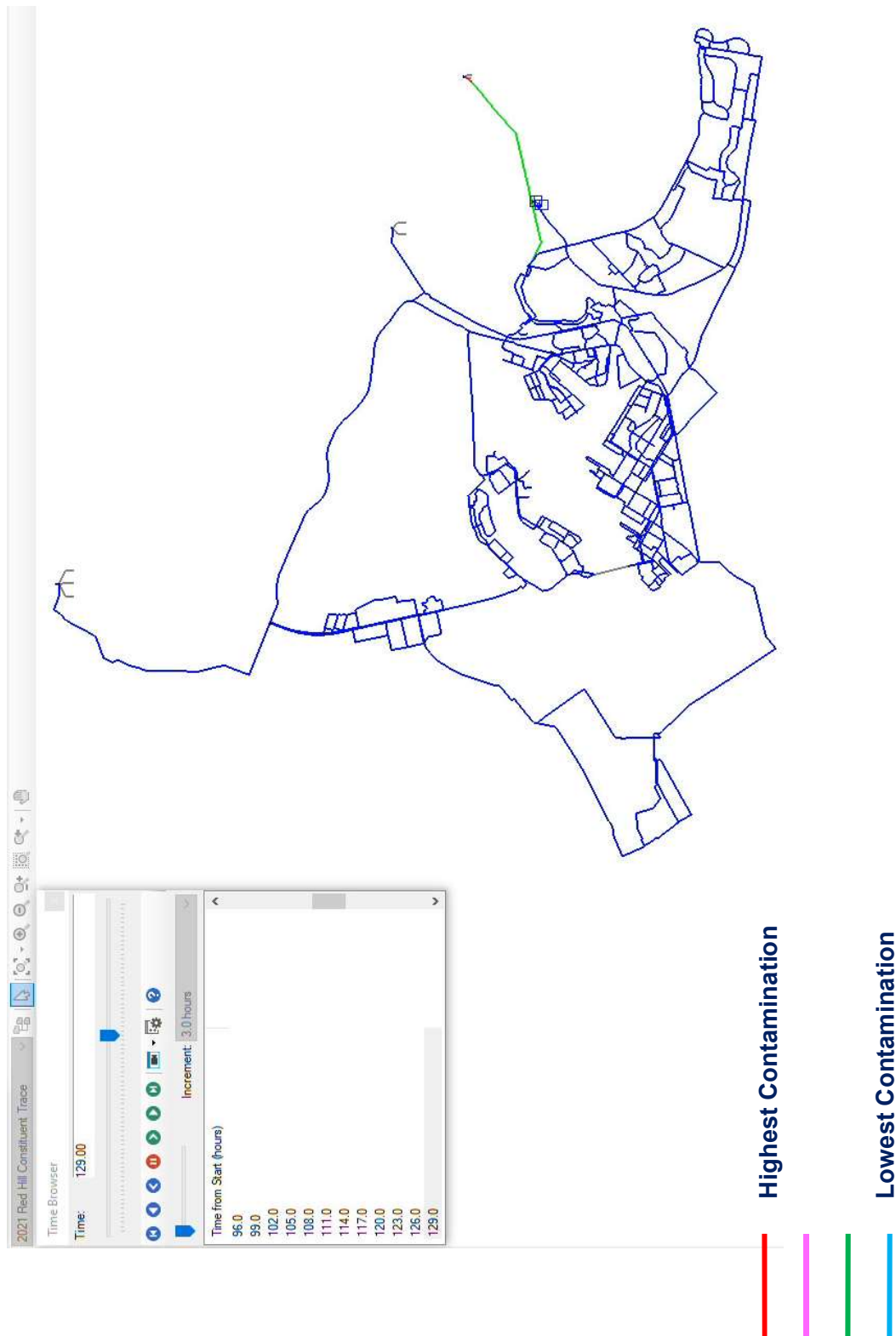


JBP HH Hydraulic Model



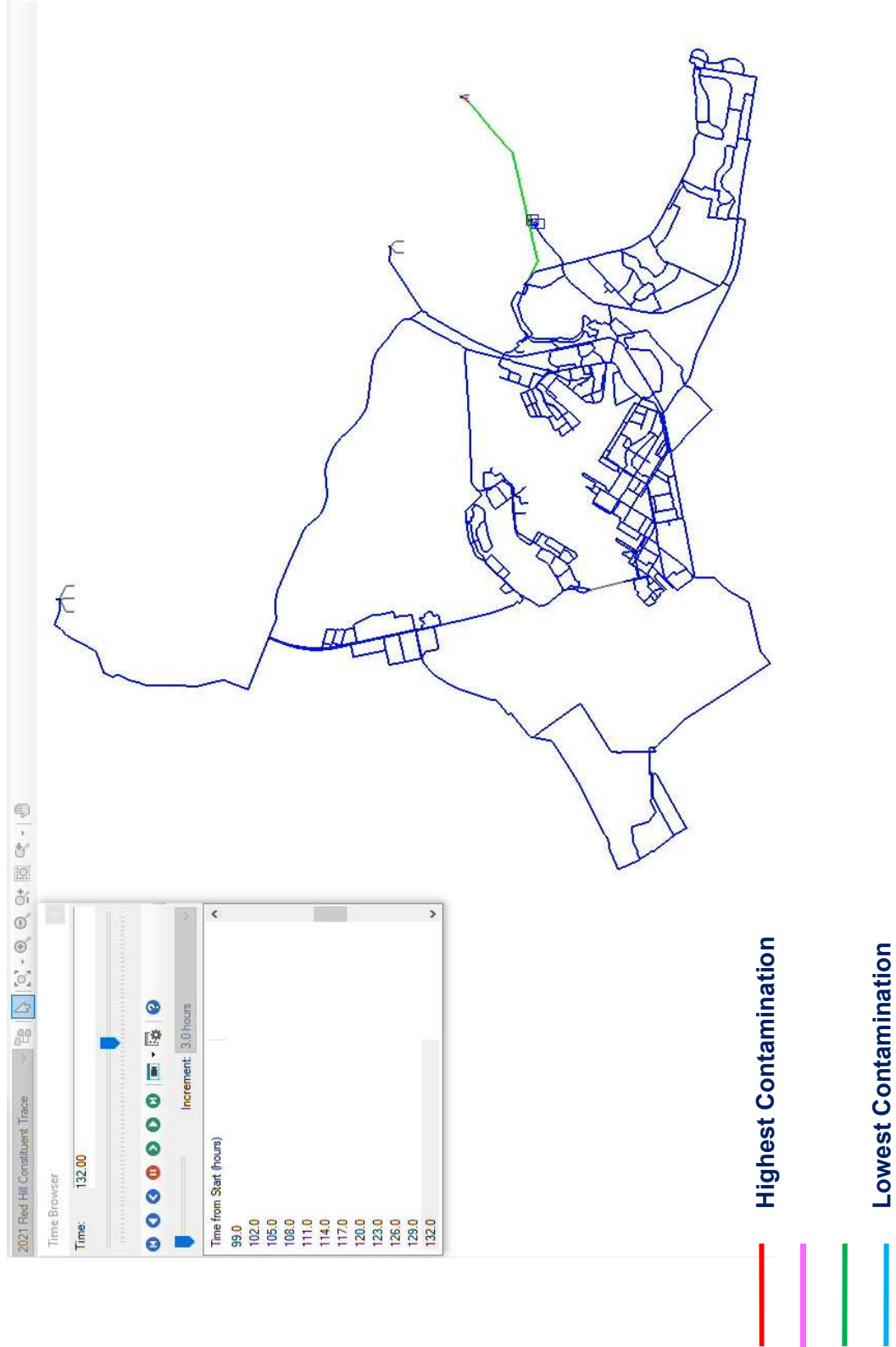


JBP HH Hydraulic Model



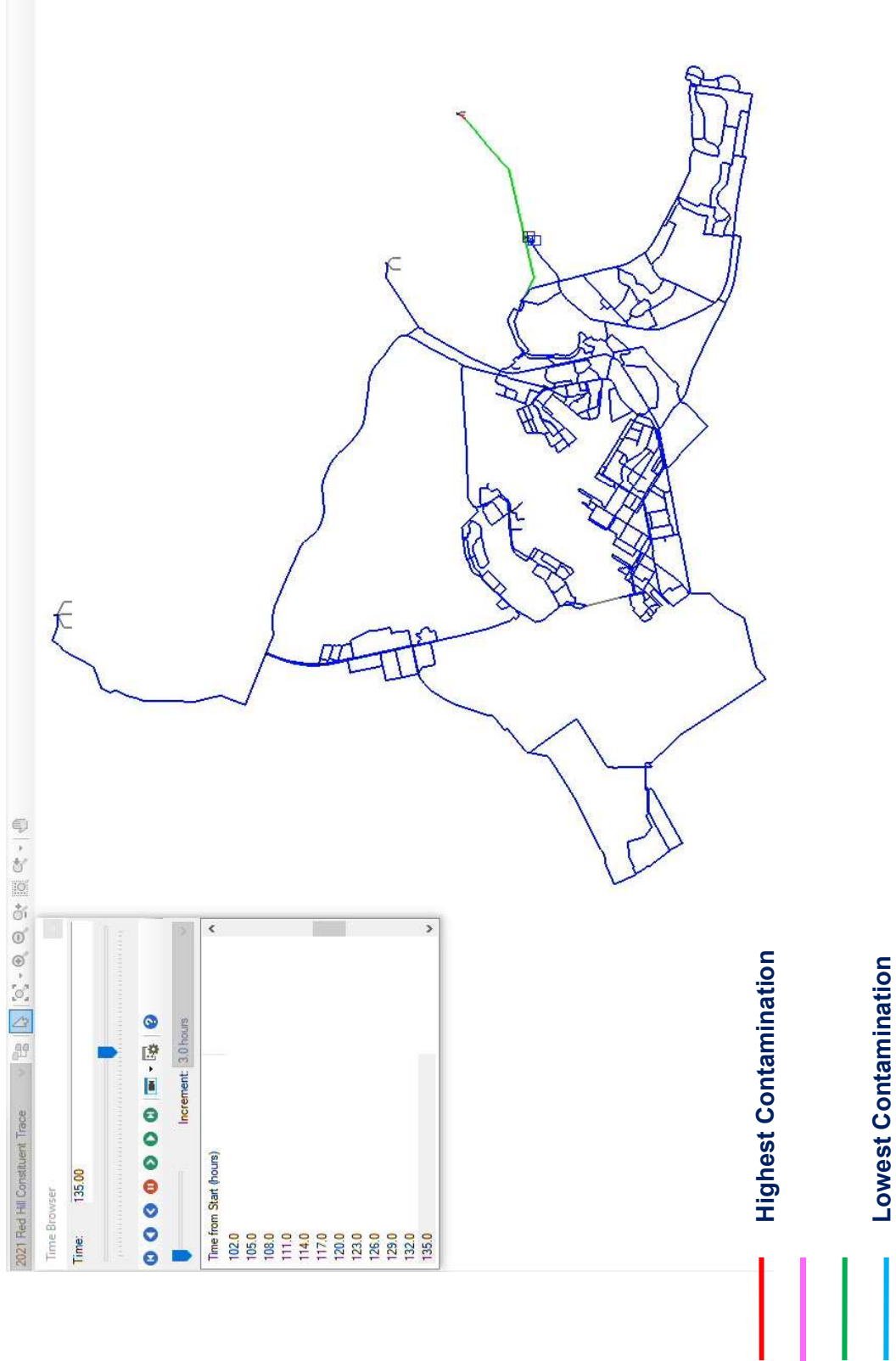


JBP HH Hydraulic Model



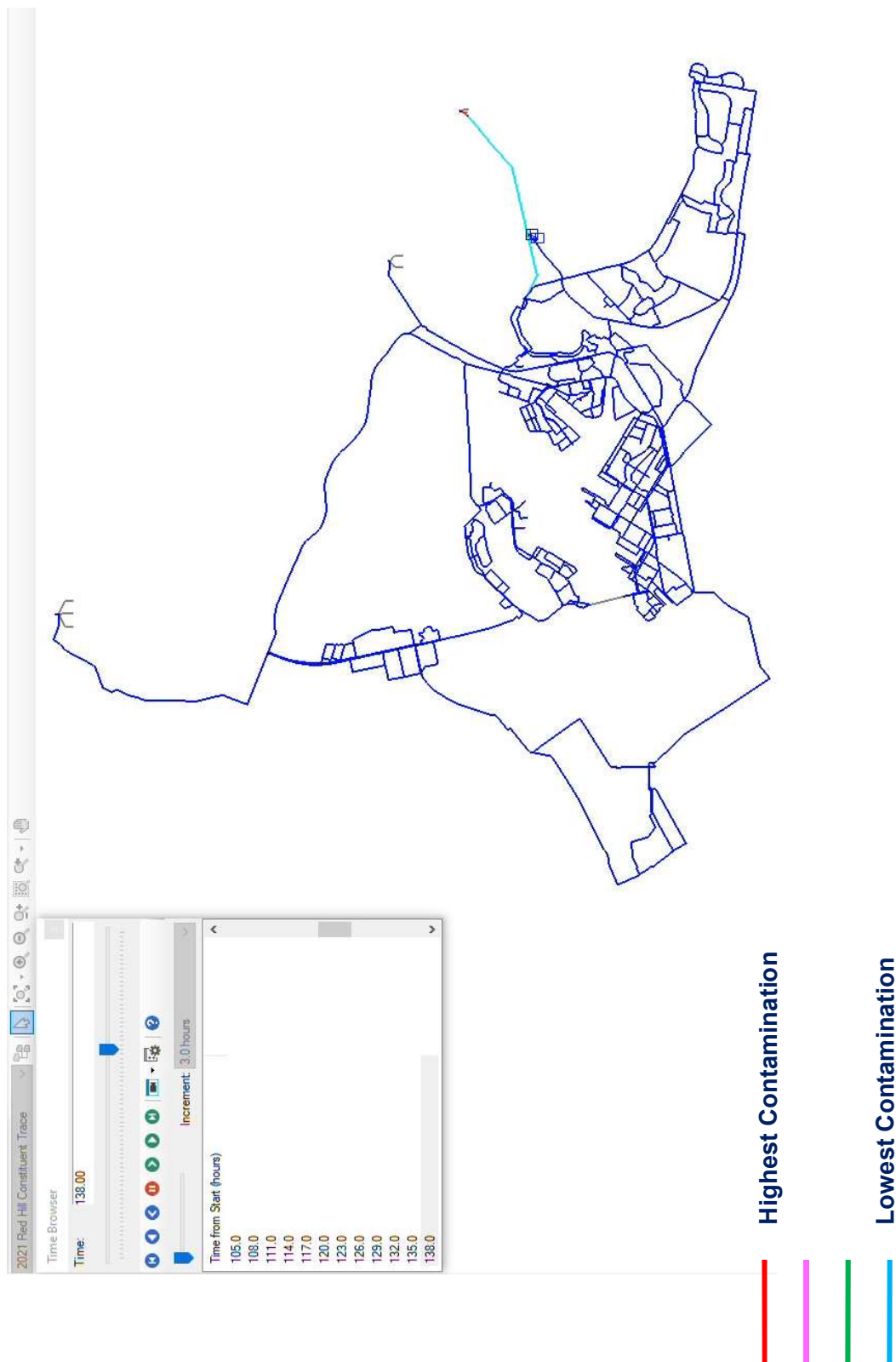


JBP HH Hydraulic Model





JBP HH Hydraulic Model



7 March 2022

MEMORANDUM

From: Naval Facilities Engineering Systems Command Representative, EWG Team
To: Interagency Drinking Water System Team

Subj: RECORDS OF COMPLETED DISTRIBUTION SYSTEM FLUSHING ZONE F1

Ref: (a) Drinking Water Distribution System Recovery Plan, December 2021

Encl: (1) Distribution System Flushing Records Zone F1

1. The completed records as shown in Enclosure (1), document the flushing of 8 hydrants in Zone F1 in accordance with Reference (a).
2. Field logs documenting the completion of the distribution flushing are summarized below demonstrate fulfillment of the criterion established in Reference (a):

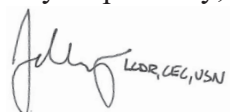
Hydrant Location ID	Discharge Location Type	Flushed Volume (gallons)
8	Sanitary Sewer (Navy)	1,061,900
11A	Storm Drain	5,533,6000
18	Storm Drain	4,827,600
22	Storm Drain	1,267,800
36A	Storm Drain	5,084,000
42	Land Application	38,200
606	Land Application	4,785,200
613	Land Application	2,024,800

Total: 24,623,100 gallons

3. Zone F1 was required to flush 61,350,000 gallons per Reference (a), para 2.5.1.7, which was not met since it listed the S1/S2 tank volumes at 5-fold volumetric turnover.

- a. The volume of pipes in F1 is 270,000 gallons. A 5-fold volumetric turnover requires 1,350,000, which was exceeded.
- b. The S1/S2 tanks were cycled and isolated, respectively, in consultation with the Hawai'i Department of Health to avoid wasting water while also achieving sufficient turnover and mixing in the tanks, later confirmed by testing.

Very respectfully,



J. F. DALY III
LCDR, CEC, USN

DALY.JOHN.FRANCIS.III.136
5462468
2022.03.07 15:48:34 -10'00'

TABLE OF CONTENTS

Section A - Utilitiesmen Flushing Log Roll-up

Section A contains a summary of the information from the Utilitiesmen log books and a calculation of the volume of water flushed based on actual times.

Section B - Utilitiesmen Log During Volumetric Exchange

Section B contains the scanned Navy log books that recorded location and time of flushing during distribution system flushing.

Section C – Officer in Charge of Flushing Daily Report

Section C contains the Officer in Charge of Flushing’s daily report to his chain of command summarizing information received from the field.

8		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
20-Dec	14:00	22:00	20:32		1:28	20211220 1400-2200	N/A
20-Dec	22:00	6:00			8:00	20211220 2200-0600	N/A
21-Dec	6:00	14:00			8:00	20211221 0600-1400	N/A
21-Dec	14:00	22:00			8:00	20211221 1400-2200	N/A
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00		16:10	2:10	20211222 1400-2200	N/A
22-Dec	22:00	6:00		3:50	2:10	20211222 2200-0600	N/A
23-Dec	6:00	14:00			2:19	20211223 0600-1400	N/A
23-Dec	14:00	22:00		8:19	2:56	20211223 1400-2200	N/A
24-Dec	6:00	14:00		11:27	2:33	20211224 0600-1400	N/A
24-Dec	14:00	22:00		14:03	0:03	20211224 1400-2200	N/A
24-Dec	22:00	6:00		0:39	4:49	20211224 2200-0600	Y
25-Dec	14:00	22:00		19:15	2:45	20211225 1400-2200	N/A
25-Dec	22:00	6:00		0:23	2:23	20211225 2200-0600	N/A
26-Dec	6:00	14:00		10:00	4:00	20211226 0600-1400	N/A
26-Dec	14:00	22:00		15:05	1:05	20211226 1400-2200	N/A
26-Dec	22:00	6:00		3:10	2:50	20211226 2200-0600	N/A
27-Dec	6:00	8:00		7:45	1:45	20211227 0600-1400	N/A
27-Dec	8:00	20:00		18:28	1:32	20211227 0800-2000	N/A
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A
30-Dec	8:00	20:00		16:20	8:20	20211230 0800-2000	N/A
30-Dec	8:00	20:00		19:28	0:32	20211230 0800-2000	N/A
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A
31-Dec	8:00	20:00		19:37	11:37	20211231 0800-2000	N/A
31-Dec	20:00	8:00		23:04	4:32	20211231 2000-0800	N/A

TOTAL RUN @ FLOW of 100

TIME173:59

VOLUME1,061,900 Gallons

11A		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
20-Dec	14:00	22:00		18:33	3:27	20211220 1400-2200	N/A
20-Dec	22:00	6:00			8:00	20211220 2200-0600	N/A
21-Dec	6:00	14:00			8:00	20211221 0600-1400	N/A
21-Dec	14:00	22:00			8:00	20211221 1400-2200	N/A
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00		21:26	7:26	20211222 1400-2200	N/A
22-Dec	22:00	6:00		3:24	2:36	20211222 2200-0600	N/A
23-Dec	6:00	14:00		8:56	2:56	20211223 0600-1400	N/A
23-Dec	14:00	22:00		22:30	2:49	20211223 1400-2200	N/A
24-Dec	6:00	14:00		11:16	2:44	20211224 0600-1400	N/A
24-Dec	14:00	22:00		14:31	0:31	20211224 1400-2200	N/A
24-Dec	22:00	6:00		0:58	4:23	20211224 2200-0600	Y
25-Dec	14:00	22:00		20:30	1:30	20211225 1400-2200	N/A
25-Dec	22:00	6:00		0:05	2:05	20211225 2200-0600	N/A
26-Dec	6:00	14:00		9:53	4:07	20211226 0600-1400	N/A
26-Dec	14:00	22:00		14:57	0:57	20211226 1400-2200	N/A
26-Dec	22:00	6:00		2:22	3:38	20211226 2200-0600	N/A
27-Dec	6:00	8:00		7:38	1:38	20211227 0600-1400	N/A
27-Dec	8:00	20:00		19:10	0:50	20211227 0800-2000	N/A
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A
30-Dec	8:00	20:00		16:05	8:05	20211230 0800-2000	N/A
30-Dec	8:00	20:00		19:17	0:43	20211230 0800-2000	N/A
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A
31-Dec	8:00	20:00		19:30	11:30	20211231 0800-2000	N/A
31-Dec	20:00	8:00		23:30	4:32	20211231 2000-0800	Y
1-Jan	20:00	8:00		23:49	8:11	20220101 2000-0800	N/A
2-Jan	8:00	20:00		13:00	5:00	20220102 0800-2000	Y
2-Jan	8:00	20:00		17:58	2:02	20220102 0800-2000	Y
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A
4-Jan	8:00	20:00		8:30	0:30	20220104 0800-2000	N/A
4-Jan	8:00	20:00		14:00	0:15	20220104 0800-2000	N/A

TOTAL RUN @ FLOW of 400

TIME230:25

VOLUME5,533,600 Gallons

18		Shift		Flush Time			Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log	
21-Dec	14:00	22:00	15:34		6:26	20211221 1400-2200	N/A	
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A	
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A	
22-Dec	14:00	22:00		20:51		6:51 20211222 1400-2200	N/A	
22-Dec	22:00	6:00	2:51		3:09	20211222 2200-0600	N/A	
23-Dec	6:00	14:00	8:23		2:23	20211223 0600-1400	N/A	
23-Dec	14:00	22:00	19:59		2:01	20211223 1400-2200	N/A	
23-Dec	22:00	6:00	0:57		2:57	20211223 2200-0600	N/A	
24-Dec	6:00	14:00	11:46		13:59	2:13 20211224 0600-1400	N/A	
24-Dec	22:00	6:00	0:33		5:32	4:59 20211224 2200-0600	Y	
25-Dec	14:00	22:00	20:50		1:10	20211225 1400-2200	N/A	
25-Dec	22:00	6:00	0:27		2:27	20211225 2200-0600	N/A	
26-Dec	6:00	14:00	10:05		3:55	20211226 0600-1400	N/A	
26-Dec	14:00	22:00	15:05		1:05	20211226 1400-2200	N/A	
26-Dec	22:00	6:00	3:15		2:45	20211226 2200-0600	N/A	
27-Dec	6:00	8:00	7:45		1:45	20211227 0600-1400	N/A	
27-Dec	8:00	20:00	18:23		1:37	20211227 0800-2000	N/A	
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A	
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A	
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A	
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A	
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A	
30-Dec	8:00	20:00	16:14		8:14	20211230 0800-2000	N/A	
30-Dec	8:00	20:00	19:24		0:36	20211230 0800-2000	N/A	
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A	
31-Dec	8:00	20:00	19:38		11:38	20211231 0800-2000	N/A	
31-Dec	20:00	8:00	23:00		3:31	4:31 20211231 2000-0800	Y	
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2-Jan	8:00	20:00	18:31		1:29	20220102 0800-2000	Y	
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A	
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A	
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A	
4-Jan	8:00	20:00	12:30		4:30	20220104 0800-2000	N/A	
TOTAL RUN @ FLOW of 400								
				TIME	201:09			
				VOLUME	4,827,600	Gallons		

21		Shift		Flush Time			Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log	
21-Dec	14:00	22:00	18:20	20:28	2:08	20211221 1400-2200	N/A	
21-Dec	14:00	22:00	21:04		0:56	20211221 1400-2200	N/A	
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A	
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A	
22-Dec	14:00	22:00		21:17	7:17	20211222 1400-2200	N/A	
22-Dec	22:00	6:00	3:17		2:43	20211222 2200-0600	N/A	
23-Dec	6:00	14:00		8:50	2:50	20211223 0600-1400	N/A	
23-Dec	14:00	22:00	20:55		1:05	20211223 1400-2200	N/A	
23-Dec	22:00	6:00		1:25	3:25	20211223 2200-0600	N/A	
24-Dec	6:00	14:00	11:08		2:52	20211224 0600-1400	N/A	
24-Dec	14:00	22:00		14:25	0:25	20211224 1400-2200	N/A	
24-Dec	22:00	6:00	0:49	5:15	4:26	20211224 2200-0600	Y	
25-Dec	14:00	22:00	20:15		1:45	20211225 1400-2200	N/A	
25-Dec	22:00	6:00		23:56	1:56	20211225 2200-0600	N/A	
26-Dec	6:00	14:00	9:46		4:14	20211226 0600-1400	N/A	
26-Dec	14:00	22:00		14:55	0:55	20211226 1400-2200	N/A	
26-Dec	22:00	6:00	2:26		3:34	20211226 2200-0600	N/A	
27-Dec	6:00	8:00		7:35	1:35	20211227 0600-1400	N/A	
27-Dec	8:00	20:00	19:00		1:00	20211227 0800-2000	N/A	
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A	
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A	
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A	
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A	
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A	
30-Dec	8:00	20:00		15:58	7:58	20211230 0800-2000	N/A	
30-Dec	8:00	20:00	18:43		1:17	20211230 0800-2000	N/A	
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A	
31-Dec	8:00	20:00		19:25	11:25	20211231 0800-2000	N/A	
31-Dec	20:00	8:00	23:27	3:54	4:27	20211231 2000-0800	Y	
1-Jan	20:00	8:00	23:41		8:19	20220101 2000-0800	N/A	
2-Jan	8:00	20:00		18:03	10:03	20220102 0800-2000	Y	
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A	
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A	
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A	
4-Jan	8:00	20:00		8:43	0:43	20220104 0800-2000	N/A	
TOTAL RUN @ FLOW of 100								
				TIME	211:18			
				VOLUME	1,267,800	Gallons		

36A		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
21-Dec	14:00	22:00	15:52		6:08	20211221 1400-2200	N/A
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00		21:08			
22-Dec	22:00	6:00	3:08		2:52	20211222 2200-0600	N/A
23-Dec	6:00	14:00	8:41		2:41	20211223 0600-1400	N/A
23-Dec	14:00	22:00	21:22		0:38	20211223 1400-2200	N/A
23-Dec	22:00	6:00	1:31		3:31	20211223 2200-0600	N/A
24-Dec	6:00	14:00	11:00		3:00	20211224 0600-1400	N/A
24-Dec	14:00	22:00	14:21		0:21	20211224 1400-2200	N/A
24-Dec	22:00	6:00	1:07	5:09	4:02	20211224 2200-0600	Y
25-Dec	14:00	22:00	19:59		2:01	20211225 1400-2200	N/A
25-Dec	22:00	6:00	23:50		1:50	20211225 2200-0600	N/A
26-Dec	6:00	14:00	9:41		4:19	20211226 0600-1400	N/A
26-Dec	14:00	22:00	14:51		0:51	20211226 1400-2200	N/A
26-Dec	22:00	6:00	2:35		3:25	20211226 2200-0600	N/A
27-Dec	6:00	8:00	7:33		1:33	20211227 0600-1400	N/A
27-Dec	8:00	20:00	18:52		1:08	20211227 0800-2000	N/A
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A
30-Dec	8:00	20:00			12:00	20211230 0800-2000	N/A
30-Dec	20:00	8:00			12:00	20211230 2000-0800	N/A
30-Dec	8:00	20:00	15:58		7:58	20211230 0800-2000	N/A
30-Dec	20:00	8:00	18:30		1:30	20211230 2000-0800	N/A
31-Dec	8:00	20:00	19:53		11:53	20211231 0800-2000	N/A
31-Dec	20:00	8:00	23:19	4:00	4:41	20220101 2000-0800	Y
1-Jan	20:00	8:00	23:33		8:27	20220101 2000-0800	N/A
2-Jan	8:00	20:00	13:19		5:19	20220102 0800-2000	Y
2-Jan	8:00	20:00	18:11		1:49	20220102 0800-2000	Y
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A
4-Jan	8:00	20:00	8:45		0:45	20220104 0800-2000	N/A

TOTAL RUN @ FLOW of 400

TIME211:50

VOLUME5,084,000 Gallons

606		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
22-Dec	6:00	14:00	6:00		8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00		20:58	6:58	20211222 1400-2200	N/A
22-Dec	22:00	6:00	2:58		3:02	20211222 2200-0600	N/A
23-Dec	6:00	14:00		8:29	2:29	20211223 0600-1400	N/A
23-Dec	22:00	6:00	22:23	1:44	3:21	20211223 2200-0600	N/A
24-Dec	6:00	14:00	9:23		4:37	20211224 0600-1400	N/A
24-Dec	14:00	22:00		14:13	0:13	20211224 1400-2200	N/A
24-Dec	22:00	6:00	2:05	4:55	2:50	20211224 2200-0600	Y
25-Dec	14:00	22:00	19:29		2:31	20211225 1400-2200	N/A
25-Dec	22:00	6:00		23:41	1:41	20211225 2200-0600	N/A
26-Dec	6:00	14:00	9:32		4:28	20211226 0600-1400	N/A
26-Dec	14:00	22:00		14:42	0:42	20211226 1400-2200	N/A
26-Dec	22:00	6:00	2:51		3:09	20211226 2200-0600	N/A
27-Dec	6:00	8:00		7:24	1:24	20211227 0600-1400	N/A
27-Dec	8:00	20:00	18:38		1:22	20211227 0800-2000	N/A
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A
28-Dec	8:00	20:00			12:00	20211228 0800-2000	N/A
28-Dec	20:00	8:00			12:00	20211228 2000-0800	N/A
29-Dec	8:00	20:00			12:00	20211229 0800-2000	N/A
29-Dec	20:00	8:00			12:00	20211229 2000-0800	N/A
30-Dec	8:00	20:00		15:44	7:44	20211230 0800-2000	N/A
30-Dec	20:00	8:00	18:21		1:39	20211230 2000-0800	N/A
30-Dec	8:00	20:00			12:00	20211230 0800-2000	N/A
31-Dec	8:00	20:00		19:45	11:45	20211231 0800-2000	N/A
31-Dec	20:00	8:00	23:12	4:08	4:56	20211231 2000-0800	Y
1-Jan	20:00	8:00	23:28		8:32	20220101 2000-0800	N/A
2-Jan	8:00	20:00		13:30	5:30	20220102 0800-2000	Y
2-Jan	8:00	20:00	18:18		1:42	20220102 0800-2000	Y
2-Jan	20:00	8:00			12:00	20220102 2000-0800	N/A
3-Jan	8:00	20:00			12:00	20220103 0800-2000	N/A
3-Jan	20:00	8:00			12:00	20220103 2000-0800	N/A
4-Jan	8:00	20:00		10:48	2:48	20220104 0800-2000	N/A

TOTAL RUN @ FLOW of 400

TIME199:23

VOLUME4,785,200 Gallons

42		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
2-Jan	8:00	20:00	10:40	13:09	2:29	20220102 0800-2200	Y
2-Jan	8:00	20:00	17:46	18:28	0:42	20220102 0800-2200	Y
<div>TOTAL RUN @ FLOW of 200</div> <div>TIME3:11</div> <div>VOLUME38200 Gallons</div>							

Hydrant	Volume
8	1,061,900
11A	5,533,600
18	4,827,600
21	1,267,800
36A	5,084,000
42	38,200
606	4,785,200
613	2,024,800
TOTAL	24,623,100

613		Shift		Flush Time		Documentation	
Date	Begin	End	Start	Stop	RunTime	Email Summary	UT Log
20-Dec	14:00	22:00	19:42		2:18	20211220 1400-2200	N/A
20-Dec	22:00	6:00			8:00	20211220 2200-0600	N/A
21-Dec	6:00	14:00			8:00	20211221 0600-1400	N/A
21-Dec	14:00	22:00			8:00	20211221 1400-2200	N/A
21-Dec	22:00	6:00			8:00	20211221 2200-0600	N/A
22-Dec	6:00	14:00			8:00	20211222 0600-1400	N/A
22-Dec	14:00	22:00	15:17		1:17	20211222 1400-2200	N/A
23-Dec	22:00	6:00	23:13	2:11	2:58	20211223 2200-0600	N/A
24-Dec	6:00	14:00	10:18		3:42	20211224 0600-1400	N/A
24-Dec	14:00	22:00		14:08	0:08	20211224 1400-2200	Y
24-Dec	22:00	6:00	1:48	5:01	3:13	20211224 2200-0600	Y
25-Dec	14:00	22:00	19:52		2:08	20211225 1400-2200	N/A
25-Dec	22:00	6:00	23:37		1:37	20211225 2200-0600	N/A
26-Dec	6:00	14:00	9:32		4:28	20211226 0600-1400	N/A
26-Dec	14:00	22:00	14:42		0:42	20211226 1400-2200	N/A
26-Dec	22:00	6:00	2:46		3:14	20211226 2200-0600	N/A
27-Dec	6:00	8:00	7:25		1:25	20211227 0600-1400	N/A
27-Dec	8:00	20:00	18:45		1:15	20211227 0800-2000	N/A
27-Dec	20:00	8:00			12:00	20211227 2000-0800	N/A
28-Dec	8:00	20:00	11:57		3:57	20211228 0800-2000	N/A
<div>TOTAL RUN @ FLOW of 400</div> <div>TIME84:22</div> <div>VOLUME2,024,800 Gallons</div>							

22 DEC 21

1040	DUTY UT WATCH STOOD UP. UT' RHINE, UTZ DUMANSK ON WATCH
2109	WATER LEVEL REPORTED AT 31.3'
2110	CONTINUED TURNING OFF ALL HYDRAULICS
2126	ALL HYDRAULIC SEVER
2300	WATCH TURNED OVER WITH UT' STIFFERMAN UTZ. DELAY.
23 DEC 21	WALWA WATER GUNTSSE CALLED INFORM
	WATER LEVEL IS AT 34 FT. UCC
0342	INFORMED TO RECALL WATCHES.
	WCC INFORMED LVL IS AT 36.1 FT. DOWN HYDRAULICS
0342	HYDRAULIC GLOBE CLOSED
0405	FH-8 OPENED
0413	11A OPENED
0410	FH-22 OPENED
0447	FH-15 OPENED
0512	36A - OPENED
0534	435 OPENED
0645	UT' RHINE, UTZ CONTACTS ASSUMED DUTY UT WATER
0705	W.W.C. REPORTED STATIC LEVEL BELOW 27.9 FEET, INFORMED UCC WE ARE SHUTTING HYDRAULICS OFF.
0708	FH-8 CLOSED
0828	B - CLOSED

24 DEC 2021

2324	DO NOT TURN OFF FH-768 UNIL FURTHER NOTICES FROM LT. CRUZE	00577- WATER LEVEL 28', UCC/LT NOTIFIED
2335	FH-768 4 PS/ 2 FURN.	0057 FH-18 CLOSED, DISCHARGE CLOSED,
2351	CITY CALLED WATER LEVEL UPDATES	0111 FH-8 CLOSED.
2359	29, 8'	0119 FH-1A CLOSED, DISCHARGE CLOSED
2359	FH-8 ACTIVE	0125 FH-22 CLOSED, DISCHARGE CLOSED.
0071	UCC NOTIFIED WATER LEVEL AT 29'	0131 FH-36A CLOSED, DISCHARGE CLOSED,
	BACK LOG TO 2245, VT2 DELAY AND	0144 FH-606 CLOSED, DISCHARGE CLOSED.
	VT1 STEIFERMANN ASSUMED WATCH	0211 FH-613 CLOSED, DISCHARGE CLOSED.
	WATCH.	0220 LT HOWARD INFORMED SEVEN HYDRANTS
0013	VT2 DOMANISHI, VT2 ZIELINSKI PROPERLY	CLOSED, FH-768 REMAINS OPEN.
	RELIEVED.	0259 WATER STATION CONTACTED, WATER
		LEVEL: 29.9' LT AND UCC NOTIFIED,
		0425 WATER STATION CONTACTED, WATER
		LEVEL: 31.5' LT AND UCC NOTIFIED,
		0530 WATER STATION CONTACTED, WATER
		LEVEL: 32.6' LT AND UCC NOTIFIED,
		0645 UT STEIFERMANN AND VT2 DELAY
		RELIEVED BY UT RHINE AND UT2 GONZALES.
		0650 WATER LEVEL 34', UCC/LT NOTIFIED
		0900 WATER LVL 36.1.
		0911 OPENING 646 TURNED ON
		1015 FH-613 TURNED ON.
		1045 FH-36A TURNED ON.
		FH-723 TURNED ON
		1108 FH-21 TURNED ON
		1115 FH-11A TURNED ON
		1140 FH-1-8 TURNED ON
		1147 FH-13 TURNED ON, ALL HYDRANTS ON

NO FURTHER ENTRIES THIS PAGE
 BY (SIGNED) STEIFERMANN

25 DEC 2021

24 DEC 21

CONT

1357	FH 18 CLOSED	0001	START OF NEW DAY,
1401	FH 8 CLOSED	0029	WATER LEVEL 36' UCC, LT HOWARD, SPENCER NOTIFIED.
1408	FH 613 CLOSED	0033	FH 18 OPENED, 10 PSI, UCC NOTIFIED, EOC NO ANSWER.
1415	FH 606 CLOSED	0039	FH 8 OPENED, UCC NOTIFIED, EOC NO ANSWER.
1421	FH 36A CLOSED	0049	FH 21 OPENED, UCC NOTIFIED, 10 PSI.
1425	FH 21 CLOSED		FH 11A OPENED, 10 PSI, EOC NO ANSWER.
1431	FH 11A CLOSED	0058	FH 11A OPENED, 12 PSI, EOC NO ANSWER.
1445	UT 2 DOMANSKI AND UT 2 ZIELENSKI PROPERLY ASSUMES THE DUTIES DUTY VT.		UCC INFORMED BY EOC THEY ARE UNWARE OF NEED TO BE NOTIFIED.
	UT 1 RHINE AND UT 2 GONZALEZ PROPERLY RELIEVED FROM ALL DUTIES AS DUTY VT.	0107	FH 36A OPENED, 10 PSI, UCC NOTIFIED.
		0148	FH 613 OPENED, 11 PSI, UCC NOTIFIED.
1705	WATER STATION CONTACTED, WATER LEVEL 31.6', UCC AND LT HOWARD NOTIFIED.	0205	FH 606, 15 TURNS, UCC NOTIFIED.
	WATER STATION CONTACTED, WATER LEVEL 33.1', UCC AND LT HOWARD NOTIFIED.	0208	LT HOWARD NOTIFIED ALL OPEN.
1900	WATER STATION FROM EWA CALLED	0335	WATER LEVEL 30', UCC, LT HOWARD NOTIFIED.
2021	WATER LEVEL AT 34' ESTIMATE FULL	0453	WATER 27.5', UCC, LT HOWARD NOTIFIED.
	TIME IS 2300 FOR FULL LEVEL.	0454	FH 606 CLOSED, UCC NOTIFIED.
	UCC AND LT HOWARD NOTIFIED.	0500	FH 613 CLOSED, UCC NOTIFIED.
		0509	FH 36A CLOSED, UCC NOTIFIED.
2245	UT 2 DOMANSKI AND UT 2 ZIELENSKI RELIEVED BY UT 2 STIEFERMANN AND UT 2 DEAY	0515	FH 21 CLOSED, UCC NOTIFIED.
2358	VIC 85310 FUELED, OD: 15514 GAL: 9.2	0521	FH 11A CLOSED, UCC NOTIFIED.
2359	END OF DAY.	0527	FH 8 CLOSED, UCC NOTIFIED.
		0530	FH 18 CLOSED, UCC NOTIFIED.
		0533	LT HOWARD NOTIFIED ALL CLOSED.
		0615	UT 1 STIEFERMANN AND UT 2 DEAY RELIEVED BY UT 1 RHINE AND UT 2 GONZALEZ.

NO FURTHER ENTRIES THIS PAGE
UT 1 STIEFERMANN
UT 2 DEAY

25 DEC 2021

26 DEC 2021

1806	UT RHINE AND UT GONZALEZ ARE RELIEVED AS DUTY UT. UT ² DOMANSKI AND UT ² ZIELINSKI ASSUME DUTIES AND RESPONSIBILITIES DUTY UT.	ØØØ1 ØØØ4 ØØ15 ØØ23 ØØ26 ØØ29 Ø247 Ø5Ø1 Ø544 Ø635	START OF NEW DAY. HYDRANT 11A CLOSED. UCC/EOC NOTIFIED. HYDRANT 782 CLOSED. UCC/EOC NOTIFIED. HYDRANT 8 CLOSED. UCC/EOC NOTIFIED. HYDRANT 18 CLOSED. UCC/EOC NOTIFIED. LT HOWARD NOTIFIED ALL CLOSED. WATER LEVEL 3Ø.8'. WATER LEVEL 32.8'. WATER LEVEL 33.1'. UT STIEFERMANN AND UT ² DELAY RELIEVED BY UT RHINE AND UT ² GONZALEZ.
1830	FH-485 IS TURNED ON.		
1851	FH-782 IS TURNED ON 3/4 TURNS.		
1916	FH-8 IS TURNED ON.		
1932	FH-806 IS TURNED ON.		
1951	FH-613 IS TURNED ON.		
2007	FH-36A IS TURNED ON.		
2020	FH-21 IS TURNED ON.		
2026	LT. CRUZE CALLED TO ORDER SHUT DOWN FH-455 UNTIL FURTHER NOTICE.	ØØ45 Ø853	WATER LVL AT 34'. UCC NOTIFIED WATER LVL AT 35.7'. UCC NOTIFIED
2036	FH-11A IS TURNED ON. DELAYED FLOW DURING START UP PROCEDURE.	Ø916 Ø925	FH-782 ACTIVATED FH-6Ø6 ACTIVATED
2052	FH-18 IS TURNED ON.	Ø932	FH-613 ACTIVATED
2105	FH-455 IS OFF UNTIL FURTHER NOTICE FROM LT. CRUZE	Ø94Ø Ø946	FH-36A ACTIVATED - 1PSI FH-21 ACTIVATED
2110	WATER LEVEL CALLED 31.2'	Ø953	FH-11A ACTIVATED
2156	WATER LEVEL IS AT 30'	Ø956	FH-8 ACTIVATED
2245	UT ² DOMANSKI AND UT ² ZIELINSKI RELIEVED BY UT STIEFERMANN AND UT ² DELAY.	1ØØØ 1000	FH-18 ACTIVATED CONT. BACKLOGS STILL ^{FOR} STILL
2311	WATER LEVEL 28'. UCC/THOMAS, STIEFER NOTIFIED	1440	FH-782 DEACTIVATED.
2336	FH-613 CLOSED. UCC/EOC NOTIFIED	1442	FH-Ø13 DEACTIVATED.
2341	FH-606 CLOSED. UCC/EOC NOTIFIED.	1447	FH-606 DEACTIVATED.
2349	FH-36A CLOSED. UCC/EOC NOTIFIED.	1430	FH-36A DEACTIVATED.
2356	FH-21 CLOSED. UCC/EOC NOTIFIED.	1452	FH-21 DEACTIVATED.
2359	END OF DAY. NFTP 2024	1456	FH-11A DEACTIVATED

27 DEC 2021

1159	FH-8 DEACTIVATED.	0001	START OF NEW DAY.
1503	FH-18 DEACTIVATED.	0003	WATER LEVEL 34.6'
1530	UT1 RHINE AND UT2 GONZALEZ PROPERLY RELIEVED. UT2 DOMANSKI AND UT2 ZIELINSKI PROPERLY ASSUME ALL DUTIES AS DUTY UT.	0158	WATER LEVEL 36', UCC NOTIFIED
1642	WATER LEVEL 29.5 FEET.	0203	LT HOWARD AND SPENCER NOTIFIED
1650	030/041 NEW SITES ADDED.	0218	HYDRANT 11A OPEN, UCC/EOC NOTIFIED
1901	CONTRACTOR ARRIVE TO BLEED OUT SYSTEM FOR FH-19. UCC NOTIFIED.	0225	HYDRANT 21 OPEN, UCC/EOC NOTIFIED
1901	FH-19 DEACTIVATED. CONTRACTOR BLEED SYSTEM TO EMPTY TANKS OF WATER, TANKS ARE STAGED FOR MORNING PICKUP.	0235	HYDRANT 36A OPEN, UCC/EOC NOTIFIED
1912	WATER LEVEL 31.2'	0245	HYDRANT 613 OPEN, UCC/EOC NOTIFIED
2104	WATER LEVEL 32.5'	0250	HYDRANT 606 OPEN, UCC/EOC NOTIFIED
2245	UT2 DOMANSKI AND UT2 ZIELINSKI RELIEVED BY UT STIEFERMANN AND UT2 DAY	0300	HYDRANT 782 OPEN, UCC/EOC NOTIFIED
2306	WATER LEVEL 34', UCC NOTIFIED.	0310	HYDRANT 8 OPEN, UCC/EOC NOTIFIED
2359	END OF DAY	0314	HYDRANT 18 OPEN, UCC/EOC NOTIFIED.
		0319	LT HOWARD NOTIFIED ALL OPEN.
		0543	29.9' WATER LEVEL. UCC INFORMED.
		0545	NAUFAO MATT CONTACTED
		0638	WATER LEVEL 28.1', UCC INFORMED
		0645	UT STIEFERMANN AND UT2 DELAY RELIEVED BY UT RHINE AND UT2 GONZALEZ
		0715	0715 FH 782 DEACTIVATED
		0722	FH 606 DEACTIVATED
		0725	FH 613 DEACTIVATED
		0731	FH 36A DEACTIVATED
		0733	FH 21 DEACTIVATED
		0738	FH-11A DEACTIVATED
		0742	FH-8 DEACTIVATED
		0745	FH-18 DEACTIVATED

UT FTP
 UT (Ew/En) STIEFERMANN

27 DEC 2021

1700	UT RHINES AND UT ² GONZALES ARE PROPERLY RELIEVED OF ALL DUTIES AND RESPONSIBILITIES AS DUTY. UT'S. UT ² DOMANSKI AND UT ² ZIELINSKI ASSUME DUTIES AND RESPONSIBILITIES AS DUTY. UT. ARRIVE AT UCC TO REVIEW STATUS BOARD.
1825	FH-18 ACTIVATED.
1828	FH-8 ACTIVATED
1837	FH-606 IS ACTIVATED
1840	FH-613 IS ACTIVATED
1851	FH-36A IS ACTIVATED.
1900	FH-21 IS ACTIVATED
1913	FH-11A IS ACTIVATED.
1949	FH-455 IS ACTIVATED.
1955	FH-30 IS ACTIVATED.
1957	FH-06 IS ACTIVATED.
2024	FH-74 IS ACTIVATED.
2036	ALL HYDRANTS TURNED ON UNTIL FURTHER NOTICE.
2057	WATER LEVEL 30.1', SPENCER WAS CALLED.
2209	WATER LEVEL 28.1'.
2245	UT ² DOMANSKI AND UT ² ZIELINSKI RELIEVED BY UT ² STIEFERMANN AND UT ² DELAY.
2355	WATER LEVEL 28.4'
2459	END OF DAY.

28 DEC 2021

0001	START OF NEW DAY.
0106	HYDRANT 293 OPENED, UCC NOTIFIED.
0127	EOC NOTIFIED.
0127	HYDRANT 400 OPENED, UCC NOTIFIED.
0430	EOC NOTIFIED.
0530	WATER LEVEL 31.1'.
0645	PREVIOUS DAYS LOGBOOK ENTRIES SENT TO (516) 252-7368 AS DIRECTED.
0750	UT ² STIEFERMANN AND UT ² DELAY RELIEVED BY UT RHINE AND UT MARKS.
0850	WATER LEVEL 32.3 FT.
0951	THROTTLED PRESSURE FOR A LOW SAMPLING AT 455. RESUMED TO NORMAL PRESSURE.
1024	THROTTLED PRESSURE AT 440 FOR A LOW SAMPLING. RESUMED NORMAL PRESSURE.
1047	HYDRANT 400 CLOSED, UCC NOTIFIED.
1154	HYDRANT 455 CLOSED, UCC NOTIFIED.
1800	HYDRANT 74 CLOSED, UCC NOTIFIED.
2250	HYDRANT 41 OPENED, UCC NOTIFIED.
2359	CLOSED 613
	CLOSED 41
	UT RHINE RELIEVED BY UT STIEFERMANN
	END OF DAY.
	UT STIEFERMANN

29 DEC 2021

START OF NEW DAY.

CURRENTLY OPEN: FH 27, FH 7-1, FH 6,
FH 61, FH 105, FH 236, FH 280, FH 301,
FH 8, FH 11A, FH 18, FH 21, FH 36A,
FH 606.

WATER LEVEL 30.8.

ADJUSTED PSI ON FH-61, 3 PSI

WATER LEVEL 31.9.

PREVIOUS DAY'S LOGBOOK ENTRIES SENT
TO (516) 252-7368.

UT STIEFERMANN AND UT² DELAY
RELIEVED BY UT RHINE AND UT² GONZALES

FH 7-1 & FH 2-7 DEACTIVATED
UT RHINES AND UT² GONZALES
PROPERLY RELIEVED BY UT²
DORMANSKI AND UT² UELINSKI.

WATER LEVEL 34 FEET.

FH-3-1 WATER TESTED BY NAVFAL.

UT RHINE ASSUMES WATCH FROM UT DORMANSKI

CHECKING AT UCC. UCC TAKING THE

FOLLOWING UNITS IN OPERATION: 36A, 3-1, 21,

11A, 8, 18, 604, 4-6, 8-7, 1-5, 69

DEPARTED FOR ROVE OF ALL ACTIVE SITES

END OF THE DAY.

NO FURTHER ENTRIES THIS PAGE.

11/10/2021

11/10/2021

11/10/2021

11/10/2021

30 DEC 21

START OF NEW DAY.

RECEIVED CALL. F/H 18 DISCHARGE
LINE FROM GAL WAS SPRINKLING
WATER OUT OF DRAIN.

ARRIVED ON SITE; SECURED GAL/FH 18

INSPECTED HOSE. HOSE HAD A

RIP ON IT FROM RUBBING AGAINST

THE MAIN HOSE LOVER. PLACED HOSE FURTHER

INTO THE DRAIN, TESTED CHARGED

LINE AND TESTED. NO LEAKS. FOR

PUT FH-18 BACK IN SERVICE

NOTIFIED UCC ABOUT IT (UCC/UTATED).

CONTINUED ROVE.

ROVE COMPLETE

ROVE STARTED

ROVE FINISHED

F/H 3-1 CLOSED

F/H 1-5 (13) CLOSED

F/H 4-6 CLOSED

F/H 8-7 CLOSED

BEGIN ROVE

INSPECTED F/H 18. NEW RIP

IN HOSE, ADJUSTED HOSE DEPTH.

IN FORMER UT² UCC

4129 OPERATIONAL.

363 OPERATIONAL

RECEIVED CALL TO ADJUST PRESSURE

AT 363.

30 DEC 21

30 DEC 2021

1300	PRESSURE ADJUSTED AT 363, ANTAN'GUE	2326	WATER LEVEL 28'
1330	MOSS. INCREASED PRESSURE AT 276.	2359	END OF DAY.
1400	UT2 DOMINANT ASSUMES DUTY UT.		
1500	UT1 RHINE RELIEVED AS DUTY UT.		
1600	WORD TO SHUT ALL SITES DOWN. WEATHER.		
1626	SHUT UP.		
1649	DOWN.		
1640	BACK LOG, FH-6, FH-276, FH-391,		
	FH-276, FH-36A, FH-8, FH-18, FH-11A,		
	FH-606, FH-21, FH-363 ALL SHUT DOWN.		
1711	FH-114 OPERATIONAL.		
1720	TURN ON SITE DRAINING TO SEWER/STORM.		
1737	WATER LEVEL 36'.		
1740	FH-6 UP.		
1750	FH-276 UP.		
1803	FH-363 UP.		
1821	FH-606 UP.		
1829	FH-36A UP.		
1830	FH-5-16 UP.		
1840	FH-21 UP.		
1914	FH-11A UP.		
1924	FH-18 UP.		
1928	FH-8 UP.		
2101	FH-429 DOWN/FH-391 DOWN DUE TO WEATHER.		
	TURN ON IF GOOD WEATHER CONSISTANT.		
2201	WATER LEVEL 29.8'.		
2238	UT2 DOMINANT RELIEVED BY UT STEFFERMANN		

UT FETP
UT
SCW/EXTD SITE STEFFERMANN

31 DEC 2021

31 DEC 21

0001	START OF NEW DAY.	1457	228 OPERATIONAL.
0037	HYDRANT 429 OPEN, VCC/EOC NOTIFIED.	1500	RELIEVED BY UT2 DOMANSKI.
0107	HYDRANT 331 (MARKED 325)	1601	FH-202 SOAKING APPROX 2 1/2 HOURS UNTIL OPERATIONAL.
0506	OPEN, VCC/EOC NOTIFIED.	1604	STARTED ROVE.
0528	WATER LEVEL 32.3.	1605	FH-228 PRESSURE ADJUSTED DUE TO SAMPLING.
0530	HYDRANT 429 CLOSED, POOR WEATHER.	1609	WATER LEVEL 28.1.
0543	PONDING, VCC/EOC NOTIFIED.	1640	GAL 23 NEEDS PARTS, FH-191.
0638	LOGBOOK ENTRIES SENT TO (316) 252-746	1654	FH-228 DOWN DUE TO WEATHER
0645	HYDRANT 331 (325) CLOSED, POOR WEATHER.	1701	FH-23 DOWN DUE TO WEATHER, PART
0730	PONDING, VCC/EOC NOTIFIED.	1703	CLEAR HARBOR DOWN DUE TO WEATHER
0748	UT STIFFERMAN DELAYED BY UT1 RHINE.	1801	ALL EOC UPDATES TO BU2 134RR (330) 383-393.
0805	CHECKED IN AT VCC	1809	SHUT DOWN ALL SITES. FOOD ADVISORY. 2230
0827	OPERATED FOR LOW		RESTART.
0841	FH 425 CLOSED	1913	FH-805 DOWN.
0901	FH 276 CLOSED	1924	FH-21 DOWN.
0946	FH 325 CLOSED	1930	FH-114 DOWN.
1008	FH 363 CLOSED	1939	FH-18 DOWN.
1024	FH 1-14 CLOSED	1945	FH-8 DOWN.
1024	FH 18 HOSE RUPTURE IN DRAINAGE	1950	FH-806 DOWN.
1024	CLOSED ADJUSTED DEPTH.	2007	FH-76A DOWN.
1024	PRESSURE LOW ON FH 000. RAISED PRESSURE.	2028	FH-801 DOWN.
1024	FH 5/16 CLOSED	2038	FH-477 DOWN.
1024	UT STARTS LOW	2200	FH-245 DOWN.
1400	205 STARTED	2210	FH-245 UP
1430	THROTTLED 205 FOR SAMPLING	2225	FH-477 UP.
1445	RESUMED 205 FOR NORMAL OPERATION.	2240	FH-228 UP.
			FH-805 UP.

71 DEC 21 1985

2247	801 UP.	START OF NEW DAY,
2248	18 UP.	FH 228 CLOSED DUE TO INCREMENT
2249	FH-8 UP.	WEATHER, VCC/EOC NOTIFIED.
2250	FH-606 UP.	WATER LEVEL 36.1.
2251	FH-36A UP.	DIRECTED TO CLOSE HYDRANTS DUE
2252	FH-21 UP.	TO FLASH FLOOD WARNING IN EFFECT
2253	FH-11A UP.	UNTIL 0545.
2254	UTZ DOMANSKI RELIEVED BY UT	FH 245 CLOSED, VCC/EOC NOTIFIED
2255	STIEFERMANN,	FH 805 CLOSED VCC/EOC NOTIFIED
2256	END OF DAY,	FH 803 CLOSED VCC/EOC NOTIFIED
2257		FH 18 CLOSED VCC/EOC NOTIFIED
2258		FH 8 CLOSED VCC/EOC NOTIFIED
2259		FH 11A CLOSED VCC/EOC NOTIFIED
2260		FH 21 CLOSED VCC/EOC NOTIFIED
2261		FH 36A CLOSED VCC/EOC NOTIFIED
2262		FH 606 CLOSED VCC/EOC NOTIFIED
2263		FH 477 CLOSED VCC/EOC NOTIFIED
2264		FLASH FLOOD WARNING ENDED, REOPENING
2265		HYDRANTS.
2266		FH 803 OPEN, VCC/EOC NOTIFIED
2267		FH 805 OPEN, VCC/EOC NOTIFIED
2268		FH 11A OPEN, VCC/EOC NOTIFIED
2269		FH 21 OPEN, VCC/EOC NOTIFIED
2270		FH 36A OPEN VCC/EOC NOTIFIED
2271		FH 606 OPEN VCC/EOC NOTIFIED
2272		FH 477 OPEN VCC/EOC NOTIFIED
2273		FLASH FLOOD WARNING ENDED, REOPENING
2274		HYDRANTS.
2275		FH 803 OPEN, VCC/EOC NOTIFIED
2276		FH 805 OPEN, VCC/EOC NOTIFIED
2277		FH 11A OPEN, VCC/EOC NOTIFIED
2278		FH 21 OPEN, VCC/EOC NOTIFIED
2279		FH 36A OPEN VCC/EOC NOTIFIED
2280		FH 606 OPEN VCC/EOC NOTIFIED
2281		FH 477 OPEN VCC/EOC NOTIFIED

AFETP
47 (NEW/OLD) STIEFERMANN

01 JAN 2022

0041	START OF NEW DAY,
0109	FH 228 CLOSED DUE TO INCREMENT
0145	WEATHER, VCC/EOC NOTIFIED.
0245	WATER LEVEL 36.1.
0300	DIRECTED TO CLOSE HYDRANTS DUE
0315	TO FLASH FLOOD WARNING IN EFFECT
0320	UNTIL 0545.
0331	FH 245 CLOSED, VCC/EOC NOTIFIED
0336	FH 805 CLOSED VCC/EOC NOTIFIED
0343	FH 803 CLOSED VCC/EOC NOTIFIED
0354	FH 18 CLOSED VCC/EOC NOTIFIED
0400	FH 8 CLOSED VCC/EOC NOTIFIED
0408	FH 11A CLOSED VCC/EOC NOTIFIED
0431	FH 21 CLOSED VCC/EOC NOTIFIED
0528	FH 36A CLOSED VCC/EOC NOTIFIED
0538	FH 606 CLOSED VCC/EOC NOTIFIED
0542	FH 477 CLOSED VCC/EOC NOTIFIED
0556	FLASH FLOOD WARNING ENDED, REOPENING
0602	HYDRANTS.
0613	FH 803 OPEN, VCC/EOC NOTIFIED
0623	FH 805 OPEN, VCC/EOC NOTIFIED
0631	FH 11A OPEN, VCC/EOC NOTIFIED
0638	FH 21 OPEN, VCC/EOC NOTIFIED
0655	FH 36A OPEN VCC/EOC NOTIFIED
	FH 606 OPEN VCC/EOC NOTIFIED
	FH 477 OPEN VCC/EOC NOTIFIED

01 JAN 2022

01 JAN 2022

0705 FH 243 OPEN, UCC/EOC NOTIFIED
 0714 FH 288 OPEN, UCC/EOC NOTIFIED
 0730 BACKLOG LOGBOOK ENTRIES SENT TO EOC.
 0715 UT RHINE AS DUTY UT.
 0730 CHECKS IN AT UCC,
 0800 RECEIVED CALL TO SHUT OFF
 ALL SYSTEM.
 0830 208 CLOSED
 0842 477 CLOSED
 0851 245 CLOSED
 0906 805 CLOSED
 0907 403 CLOSED
 0906 11A CLOSED
 0921 21 CLOSED
 0925 36A CLOSED
 0931 606 CLOSED
 0934 8 CLOSED
 0937 18 CLOSED
 1500 UT2 DOMANSKI PROPERTY ASSUMES ALL DUTIES AS DUTY UT.
 UT1 RHINE PROPERTY RELIEVED AS DUTY UT.
 1811 WATER LEVEL 34".
 1910 FH-40, FH-42, FH-426 PRIMED AND STAND BY.
 2140 G1-18 UP.
 2200 G1-26 UP.
 2300 UT2 DOMANSKI RELIEVED BY UT1 STIEFERMANN
 2325 FH-606 UP.
 2330 FH-76A UP.
 2335 FH-21 UP.

2350 11A OPEN.
 2359 END OF DAY.

NFETP

UT1 (SCW/EXW) STIEFERMANN

02 JAN 2022

2 JAN 22

08001	START OF NEW DAY.	1313	18(C.S.) OFF
08200	WATER LEVEL 29.9, NAUFAC (MATH)	1316	26(68) OFF
	NOTIFIED.	1415	DEVED 473/23 FOR TESTING
0827	WATER LEVEL 28.7.	1445	CLOSED 473/23
08300	SENT LOGBOOK ENTRIES TO EOC.	1500	UTI RHINE RELIEVED AS DUTY UT. VT 2
08612	WATER LEVEL 28.1.		DOMANSKI ASSUMES DUTY UT.
08635	UT STIEFERMANN RELIEVED BY UT RHINE	1520	RESUME ALL OPERATIONS. PER LT CRUZ.
08645	CHECKED W WITH VES	1522	FH-405, FH-426, FH-1, OPERATIONAL.
08640	BEGAN ROSE.	1554	FH-405 OPEN.
08627	FH 1 STARTED IN FZ	1600	FH-473 OPEN.
08659	FH 18 (FAMILY S.) ON	1600	WATER LEVEL 26.2.
0877041	FH 40 (FZ) ON	1650	FH-202 OPEN.
0877041	FH 42 (FZ) ON	1655	FH-34 OPEN.
1050	THROTTLED 40(FZ) FOR TESTING	1700	FH-1 OPEN AND SAMPLED. "SOUTH"
1055	RESUMED 10501 ON 40(FZ)	1730	FH-40 OPEN.
1055	THROTTLED 1 IN FZ FOR TESTING.	1746	FH-42 OPEN AND SAMPLED.
1110	RESUMED NORMAL PRESSURE OF FH 1 IN FZ	1758	FH-11A OPEN.
1237	202 OFC (D3)	1807	FH-21 OPEN.
1240	40-266 (FZ)	1807	GAC 18 FH-426, FLAT TRAILER TIRE. DEEDED
1240	34 OFC (FZ)	1807	OPERATIONAL PER LT CRUZ.
1253	1-055 FZ	1806	FH-426 OPEN.
1300	11A OFC	1801	FH-36A OPEN.
1305	21 OFF	1818	FH-606 OPEN.
1309	42000	1818	FH-42 CLOSED UNTIL FURTHER NOTICE DUE
1315	19		TO HIGH PH LEVELS.
1319	36A	1831	FH-18204 F1 OPEN.
1320	606	1906	G1 FH-18 OPEN.
		1925	G1 FH-26 OPEN.

02 JAN 22

1945 191 SATURATED. UT CONTRACTOR WATCH SEVERE
 1945 WATER LEVEL 30'
 2017 FH-1 NORTH OPEN.
 2040 WATER LEVEL 28'.
 2227 UT DOMANSKI RELIEVED BY UT STIEFERMANN.
 2350 HYDRANT 405 CLOSED DUE TO FLOODING.
 2359 END OF DAY.

NRKTP
 41 (R/W/RE) STIEFERMANN

03 JAN 2022

0001 START OF NEW DAY.
 0135 HYDRANT 405 OPENED. VCC/EOC NOTIFIED.
 0213 VCC REPORTED BURST HOSE FH 61 B.
 0233 HYDRANT FH 61 B CLOSED. DAMAGED
 SECTION OF HOSE ROLLED AND PLACED
 WITH GAC. VCC/EOC NOTIFIED.
 0527 LOGBOOK ENTRIES SUBMITTED TO EOC.
 0528 WATER LEVEL 31.7'
 0645 UT STIEFERMANN RELIEVED BY UT RHINE
 0700 CHECKED INS AT VCC.
 0715 BEGAN RAIN
 0909 405 SHUT DOWN
 0942 426 SHUT DOWN
 0957 34 SHUT DOWN
 1016 1 NORTH SHUT DOWN
 1029 1 SOUTH SHUT DOWN
 1009 202 SHUT DOWN
 1030 273 SHUT DOWN
 1027 LE LE CRACK CAUSED TO CLOSE ALL HYDRANT
 FOR FLOOD WARNING
 1038 26(GS) CLOSED
 1050 11 A CLOSED
 1054 21 CLOSED
 1059 36A CLOSED (WILL BE FOR G.H.R.T.)
 1105 606 CLOSED
 1120 18 CLOSED
 1720 REQUIRED CALL TO OPEN HYDRANTS

3 JAN 32

04 JAN 2022

1306	18 - OPENED	0001	START OF NEW DAY,
1317	606 - OPENED	0211	FH-542 OPENED.
1325	21 - OPENED NO WATCH ON SITE	0334	FH-118 CLOSED DUE TO FLOODING.
1346	ARMY WATCH ON SITE.	0345	FH-126 CLOSED DUE TO FLOODING
1351	11A - OPENED	0450	WATER LEVEL 34.1
1405	26 (C.S.) OPENED.	0530	SUBMITTED LOGBOOK ENTRIES TO EOC
1530	81 ACTIVATED	0630	UT RHINE MAINTAINED DUTIES ASSIGNED
1431	191 ACTIVATED	0915	F/H 26 (C.S.) OPENED
1530	UT RHINE RELIEVED AS DUTY UT. VIZ DOMANSKI ASSUMED DUTY	0900	TESTED AECOM W/TESTING ON
1642	FH-26A OPEN.	445-442	
1700	FH-191 CLOSED DUE TO FLOODING STREET.	0935	ASSISTED AECOM W/TESTING ON
1750	WATER LEVEL 29.9.	465	
1913	WATER LEVEL 27.8.	0950	ASSISTED W/TESTING ON. 410
1940	FH-410 OPEN.	1033	RECEIVED WORD TO SHUT ALL SITES
2000	FH-465 OPEN.	1040	DOWN DUE TO FLOODING.
2100	FH-460	1040	SHUT DOWN 606.
2200	FH-191 OPEN.	1015 L2.	SHUT DOWN 410
2245	UT DOMANSKI RELIEVED BY UT STIVERMANN	1215	SHUT OFF FH-118 (FI)
2334	FH-442 OPENED BY CONTRACTORS.	1315	RECEIVED WORD TO START HYDRAULIC
2359	END OF DAY.	1400	STARTED 476.
		1425	STARTED FLOODING SHUT OFF 476
		1450	STARTED 48
		1456	STARTED 13
		1540	STARTED 26 (C.S.)
		1500-1505	STARTED TESTING ON 78.13
		1622	UT DOMANSKI ASSUMES DUTY UT. VIZ RHINE PROPERLY RELIEVED
		1640	FH-127 OPEN.
		1700	FH-1705 OPEN. FH-542 OPEN.

NETED
UT (END) STIVERMANN

045AN22

05 JAN 2022

1746	WATER LEVEL 28"	0001	START OF NEW DAY,
1750	FH-535 OPEN.	0030	START ROVE.
1805	FH-143 OPEN.	0150	OPEN FH 812, VCL/EOC NOTIFIED.
1837	FH-535 OPEN. FH-542	0251	CLOSED FH 812. WATER AT TOP
1953	FH-50 OPEN.		OF SEWER, VCL/EOC NOTIFIED.
1910	FH-26 "G" CLOSED, DUE TO FLOODING.	0427	CLOSED FH 143 DUE TO FLOODING.
2019	FH-8103 OPEN.		VCL/EOC NOTIFIED.
2039	FH-812 OPEN. CHANGED FROM 23.	0507	HYDRANT 26 OPENED, VCL/EOC NOTIFIED.
2040	FH-801 MOVED TO 803 OPEN.	0522	WATER LEVEL 33.8'
2040	FH-804 MOVED TO 805 OPEN.	0530	LOGBOOK ENTRIES SUBMITTED TO EOC
2043	BACK LOG TO 1543 - FH-503 OPEN	0640	UT1 RHINE ASSUMES DUTIES AS DUTY.
2057	1702 "BACK LOG" - FH-476 OPEN	0700	CHECKS IN AT VCL
2126	FH-302 OPEN	0730	RESERVED CALL 542 FLOODING OUT.
2212	FH-512 MOVED TO FH-511. OPEN.	0740	ARRIVED AT SITE, CLOSED 542, SENT MESSAGES
2250	FH-812 CLOSED, DUE TO FLOODING. WASTE WATER		TO VCL,
2300	WILL COME TO CLEAR LINE IN MORNING.	0817	503 SHUT DOWN
2309	UT2 DOMANSKY RELIEVED BY UT1 STEFFERMAN	0936	535 SHUT DOWN
	END OF DAY.	0917	123 SHUT DOWN
		1017	476 SHUT DOWN
		1024	143 SHUT DOWN
		1035	FH 14122 OPEN
		1042	FH 14122 OPEN
		1124	FH 13 SHUT DOWN
		1131	FH 30 SHUT DOWN
		1142	FH 8103 SHUT DOWN
		1151	FH 805 SHUT DOWN
		1206	FH 803 SHUT DOWN

NOTED
UT1 STEFFERMAN
UT2 DOMANSKY
UT1 STEFFERMAN

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 12:54 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED]; [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report
Attachments: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Monday, 20 Dec 21, 1400L – 2200L. Four of the five approved sites within region A1 were active during this period and three of the eight approved sites within region F1 were active. Also, below are the start times for the 7 hydrants on the concerned shift FYSA. Once started there wasn't interruption in flow.

A1 FH ID 7 – 1225L
A1 FH ID 8 – 1612L
A1 SA-DFH 21 – 0923L
A1 FH ID 22 – 1628L
F1 FH 11A – 1833L
F1 FH 8 – 2032L
F1 FH-613 – 1942L

Please let me know if you have any questions.

v/r,

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
DSN: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 21, 2021 1:54 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Gentlemen,

Please see the attached flush reports for period Monday/Tuesday, 20/21 Dec 21, 2200L – 0600L. Seven sites across sectors A1 and F1 continuously flushed during this period without interruption.

A1 FH ID 7 – Continuous Flush
A1 FH ID 8 – Continuous Flush
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 - Continuous Flush
F1 FH ID 613 - Continuous Flush

Please let me know if you have any questions.

v/r

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: ([REDACTED])

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 5:28 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: FW: INFO: 20211221 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211221 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 0600L – 1400L. See below for quick reference of Hydrant Activity.

A1 FH ID 7 – Stopped Flush at 1206L
A1 FH ID 8 – Stopped Flush from 0836 -1110L
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 – Stopped Flush at 0956L
F1 FH ID 613 - Continuous Flush
F1 FH ID 36A – Stopped Flush at 0936L

Please let me know if you have any questions.

v/r

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
DSN: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Wiley, Scottie R Capt USAF 647
ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

DSN: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED];
[REDACTED]; Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Williams, Malcolm J Capt USAF
647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED]; Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN
CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC
MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN
NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN
(USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte,
Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams,
Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
DSN: [REDACTED]
CE UCC: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA) [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); [REDACTED]; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Johnson, Jamarina T PO2 USN (USA); Barr, Justin A PO2 USN (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA)
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: peter.ahleong@us.af.mil

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
>
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA);
Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]
LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]
Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam

Comm: [REDACTED]

DSN: [REDACTED]

NMCI: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED]
Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF

Superintendent, Structural Branch

Naval Facilities Engineering Systems Command Hawaii

Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) <[REDACTED]>
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,



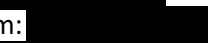
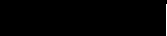
Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111
DSN: 
Comm: 
Cell: 

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 12:54 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report
Attachments: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Monday, 20 Dec 21, 1400L – 2200L. Four of the five approved sites within region A1 were active during this period and three of the eight approved sites within region F1 were active. Also, below are the start times for the 7 hydrants on the concerned shift FYSA. Once started there wasn't interruption in flow.

A1 FH ID 7 – 1225L
A1 FH ID 8 – 1612L
A1 SA-DFH 21 – 0923L
A1 FH ID 22 – 1628L
F1 FH 11A – 1833L
F1 FH 8 – 2032L
F1 FH-613 – 1942L

Please let me know if you have any questions.

v/r,

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
DSN: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Tuesday, December 21, 2021 1:54 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Gentlemen,

Please see the attached flush reports for period Monday/Tuesday, 20/21 Dec 21, 2200L – 0600L. Seven sites across sectors A1 and F1 continuously flushed during this period without interruption.

A1 FH ID 7 – Continuous Flush
A1 FH ID 8 – Continuous Flush
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 - Continuous Flush
F1 FH ID 613 - Continuous Flush

Please let me know if you have any questions.

v/r

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 5:28 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: FW: INFO: 20211221 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211221 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 0600L – 1400L. See below for quick reference of Hydrant Activity.

A1 FH ID 7 – Stopped Flush at 1206L
A1 FH ID 8 – Stopped Flush from 0836 -1110L
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 – Stopped Flush at 0956L
F1 FH ID 613 - Continuous Flush
F1 FH ID 36A – Stopped Flush at 0936L

Please let me know if you have any questions.

v/r

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Wiley, Scottie R Capt USAF 647
ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED] >
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt
Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI
(USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN
COMEXSTRKGRU TWO (USA); [REDACTED]; Baranowski, Phillip J CPO USN
NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III
PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Barr, Justin A PO2 USN (USA);
Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA);
[REDACTED]
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED] mil; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA) [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
[REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) <[REDACTED]>
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,
//SIGNED//
ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) <[REDACTED]>
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,


Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) <[REDACTED]>
Sent: Sunday, January 2, 2022 10:45 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01-02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 01 Jan - 02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]


ALCON,

Attached is the flush report for Saturday-Sunday, 01 Jan 22 – 02 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below. All personnel were placed on standby until 1930 local. Flushing started back at 2152 local.

Current Location Summary:

2152 – G1 FH18 – Flushing started first time
2230 – G1 FH 26 – Flushing started first time
2328 – F1 FH 606 – Flushing resumed
2333 – F1 FH 36 A – Flushing resumed
2341 – F1FH 21 – Flushing resumed
2349 – F1 FH 11A Flushing resumed

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamar T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Monday, January 3, 2022 1:44 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 02/03 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / Flushing Paused 2350L and Resumed 0135L
D3 / 426 / 18 / Continuous Flushing This Period
D3 / 202 / 19 / Continuous Flushing This Period
D3 / 273 / 16 / Continuous Flushing This Period
F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Continuous Flushing This Period
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 1 South / 10 / Continuous Flushing This Period
F2 / 1 North / 12 / Flushing Resumed 2018L
F2 / 34 / 11 / Continuous Flushing This Period
F2 / 40 / 5 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused This Period
G1 / 18 / 17 / Flushing Paused 0234L (Ruptured Hose)
G1 / 26 / 4 / Continuous Flushing This Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Monday, January 3, 2022 9:39 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 03 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 03 Jan 2022 - 0800L 2000L - Flush Reports.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Monday, 03 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused – High PH level
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused (24/7 manning required for the gates)
G1 / 18 / 17 / Flushing Resumed 1902
G1 / 26 / 4 / Continuous Flushing This Period
C1 / 410 / 12 / Flushing (First Start – 1902)
C1 / 442 / 18 / Flushing (First Start – 1902)
C1 / 465 / 14 / Flushing (First Start – 1554)
C1 / 548 / 25 / Flushing (First Start – 1734)
D3 / 191 / 23 / Flushing Paused, requires additional hose to prevent overflow

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Maj USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 1:11 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 03/04 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused This Period (High PH level)
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Resumed 0018L
G1 / 18 / 17 / Flushing Paused 0335L (Flooding)
G1 / 26 / 4 / Flushing Paused 0345L (Flooding)
C1 / 410 / 12 / Continuous Flushing This Period
C1 / 442 / 18 / Continuous Flushing This Period
C1 / 465 / 14 / Continuous Flushing This Period
C1 / 548 / 25 / Flushing Resumed 0212L
D3 / 191 / 23 / Flushing Paused 2152L; Flushing Resumed 2205L (Re-position discharge hose)

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 9:53 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: RE: INFO: 04 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: SKM_C36822010420490.pdf
Signed By: [REDACTED]

Attached is the flush report for Tuesday, 04 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 535 / 6 / Flushing started (First time 1910)
C2 / 123 / 11 / Flushing started (First time 1647)
D3 / 143 / 18 / Flushing started 1801
D3 / 382 / NO GAC / Flushing started (First time 2134)
D3 / 476 / 16 / Flushing started 1753
D3 / 803 / NO GAC / Flushing started (First time 2108)
D3 / 805 / NO GAC / Flushing started (First time 2054)
D3 / 812 / NO GAC / Flushing started (First time 2032)
D3 / 8103 / NO GAC / Flushing started (First time 2029)
G1 / 26 / 4 / Flushing resumed 2020
F2 / 13 / 19 / Flushing started 1613
F2 / 48 / 5 / Flushing started (First time 1513)
F2 / 50 / 20 / Flushing started 1920
C1 / 503 / 8 / Offline (projected to start in current shift)
C1 / 512 / NO GAC / Offline (projected to start in current shift)
C1 / 542 / 7 / Offline (projected to start in current shift)

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Cole R SrA USAF 647 ABG (USA) [REDACTED]; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED] Williams, Malcolm J Capt USAF
647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN
CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC
MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN
NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN
(USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte,
Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams,
Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
DSN [REDACTED]
Comm: [REDACTED]
Gov Cell: [REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 11:17 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
[REDACTED] Austin C SSgt USAF 647 ABG (USA);
[REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211223 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211223 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768/GAC 1 – No Flushing during the period
F1 FH ID 18 – Flushing Started 1959L
F1 FH 606 – No Flushing during the period
F1 FH ID 36A – Flushing Started 2122L
F1 FH ID 21 – Flushing Started 2055L
F1 FH ID 11A – Flushing Started 2230L
F1 FH ID 613 – No Flushing during the period
F1 FH ID FH-8 (No GAC) – No Flushing during the period

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG [REDACTED]
USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
[REDACTED] Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA) [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC <[REDACTED]>
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]
[REDACTED] Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF

Superintendent, Structural Branch

Naval Facilities Engineering Systems Command Hawaii

Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]
[REDACTED] Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,


Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]
[REDACTED] Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
[REDACTED] Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, January 3, 2022 1:44 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
[REDACTED] Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 02/03 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / Flushing Paused 2350L and Resumed 0135L
D3 / 426 / 18 / Continuous Flushing This Period
D3 / 202 / 19 / Continuous Flushing This Period
D3 / 273 / 16 / Continuous Flushing This Period
F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Continuous Flushing This Period
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 1 South / 10 / Continuous Flushing This Period
F2 / 1 North / 12 / Flushing Resumed 2018L
F2 / 34 / 11 / Continuous Flushing This Period
F2 / 40 / 5 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused This Period
G1 / 18 / 17 / Flushing Paused 0234L (Ruptured Hose)
G1 / 26 / 4 / Continuous Flushing This Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Monday, January 3, 2022 9:39 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA) [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA) [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 03 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 03 Jan 2022 - 0800L 2000L - Flush Reports.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Monday, 03 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused – High PH level
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused (24/7 manning required for the gates)
G1 / 18 / 17 / Flushing Resumed 1902
G1 / 26 / 4 / Continuous Flushing This Period
C1 / 410 / 12 / Flushing (First Start – 1902)
C1 / 442 / 18 / Flushing (First Start – 1902)
C1 / 465 / 14 / Flushing (First Start – 1554)
C1 / 548 / 25 / Flushing (First Start – 1734)
D3 / 191 / 23 / Flushing Paused, requires additional hose to prevent overflow

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Maj USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 1:11 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 03/04 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused This Period (High PH level)
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Resumed 0018L
G1 / 18 / 17 / Flushing Paused 0335L (Flooding)
G1 / 26 / 4 / Flushing Paused 0345L (Flooding)
C1 / 410 / 12 / Continuous Flushing This Period
C1 / 442 / 18 / Continuous Flushing This Period
C1 / 465 / 14 / Continuous Flushing This Period
C1 / 548 / 25 / Flushing Resumed 0212L
D3 / 191 / 23 / Flushing Paused 2152L; Flushing Resumed 2205L (Re-position discharge hose)

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 9:53 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: RE: INFO: 04 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: SKM_C36822010420490.pdf
Signed By: [REDACTED]

Attached is the flush report for Tuesday, 04 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 535 / 6 / Flushing started (First time 1910)
C2 / 123 / 11 / Flushing started (First time 1647)
D3 / 143 / 18 / Flushing started 1801
D3 / 382 / NO GAC / Flushing started (First time 2134)
D3 / 476 / 16 / Flushing started 1753
D3 / 803 / NO GAC / Flushing started (First time 2108)
D3 / 805 / NO GAC / Flushing started (First time 2054)
D3 / 812 / NO GAC / Flushing started (First time 2032)
D3 / 8103 / NO GAC / Flushing started (First time 2029)
G1 / 26 / 4 / Flushing resumed 2020
F2 / 13 / 19 / Flushing started 1613
F2 / 48 / 5 / Flushing started (First time 1513)
F2 / 50 / 20 / Flushing started 1920
C1 / 503 / 8 / Offline (projected to start in current shift)
C1 / 512 / NO GAC / Offline (projected to start in current shift)
C1 / 542 / 7 / Offline (projected to start in current shift)

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED] Williams, Malcolm J Capt USAF
647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN
CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC
MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN
NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN
(USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte,
Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams,
Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 11:17 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
[REDACTED] Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211223 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211223 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768/GAC 1 – No Flushing during the period
F1 FH ID 18 – Flushing Started 1959L
F1 FH 606 – No Flushing during the period
F1 FH ID 36A – Flushing Started 2122L
F1 FH ID 21 – Flushing Started 2055L
F1 FH ID 11A – Flushing Started 2230L
F1 FH ID 613 – No Flushing during the period
F1 FH ID FH-8 (No GAC) – No Flushing during the period

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) <[REDACTED]>
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]; [REDACTED];
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt
Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI
(USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN
COMEXSTRKGRU TWO (USA); [REDACTED]; Baranowski, Phillip J CPO USN
NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III
PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Barr, Justin A PO2 USN (USA);
Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA);
[REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Mchenry, Kevin
G MSgt USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN
CBMU 303 (USA)
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA) [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED]; [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
[REDACTED]
Kelly, Austin A 1st Lt USAF 647 ABG (USA);
Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA);
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA);
[REDACTED]
Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA);
Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA);
[REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Kelly, Austin A 1st Lt USAF 647 ABG (USA);
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA);
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA);
[REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA);
[REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF

Superintendent, Structural Branch

Naval Facilities Engineering Systems Command Hawaii

Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,


Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Sunday, January 2, 2022 10:45 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01-02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 01 Jan - 02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]


ALCON,

Attached is the flush report for Saturday-Sunday, 01 Jan 22 – 02 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below. All personnel were placed on standby until 1930 local. Flushing started back at 2152 local.

Current Location Summary:

2152 – G1 FH18 – Flushing started first time
2230 – G1 FH 26 – Flushing started first time
2328 – F1 FH 606 – Flushing resumed
2333 – F1 FH 36 A – Flushing resumed
2341 – F1FH 21 – Flushing resumed
2349 – F1 FH 11A Flushing resumed

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, January 3, 2022 1:44 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 02/03 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / Flushing Paused 2350L and Resumed 0135L
D3 / 426 / 18 / Continuous Flushing This Period
D3 / 202 / 19 / Continuous Flushing This Period
D3 / 273 / 16 / Continuous Flushing This Period
F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Continuous Flushing This Period
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 1 South / 10 / Continuous Flushing This Period
F2 / 1 North / 12 / Flushing Resumed 2018L
F2 / 34 / 11 / Continuous Flushing This Period
F2 / 40 / 5 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused This Period
G1 / 18 / 17 / Flushing Paused 0234L (Ruptured Hose)
G1 / 26 / 4 / Continuous Flushing This Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Monday, January 3, 2022 9:39 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 03 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 03 Jan 2022 - 0800L 2000L - Flush Reports.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Monday, 03 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused – High PH level
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused (24/7 manning required for the gates)
G1 / 18 / 17 / Flushing Resumed 1902
G1 / 26 / 4 / Continuous Flushing This Period
C1 / 410 / 12 / Flushing (First Start – 1902)
C1 / 442 / 18 / Flushing (First Start – 1902)
C1 / 465 / 14 / Flushing (First Start – 1554)
C1 / 548 / 25 / Flushing (First Start – 1734)
D3 / 191 / 23 / Flushing Paused, requires additional hose to prevent overflow

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Maj USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 1:11 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 03/04 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused This Period (High PH level)
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Resumed 0018L
G1 / 18 / 17 / Flushing Paused 0335L (Flooding)
G1 / 26 / 4 / Flushing Paused 0345L (Flooding)
C1 / 410 / 12 / Continuous Flushing This Period
C1 / 442 / 18 / Continuous Flushing This Period
C1 / 465 / 14 / Continuous Flushing This Period
C1 / 548 / 25 / Flushing Resumed 0212L
D3 / 191 / 23 / Flushing Paused 2152L; Flushing Resumed 2205L (Re-position discharge hose)

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 9:53 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: RE: INFO: 04 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: SKM_C36822010420490.pdf
Signed By: [REDACTED]

Attached is the flush report for Tuesday, 04 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 535 / 6 / Flushing started (First time 1910)
C2 / 123 / 11 / Flushing started (First time 1647)
D3 / 143 / 18 / Flushing started 1801
D3 / 382 / NO GAC / Flushing started (First time 2134)
D3 / 476 / 16 / Flushing started 1753
D3 / 803 / NO GAC / Flushing started (First time 2108)
D3 / 805 / NO GAC / Flushing started (First time 2054)
D3 / 812 / NO GAC / Flushing started (First time 2032)
D3 / 8103 / NO GAC / Flushing started (First time 2029)
G1 / 26 / 4 / Flushing resumed 2020
F2 / 13 / 19 / Flushing started 1613
F2 / 48 / 5 / Flushing started (First time 1513)
F2 / 50 / 20 / Flushing started 1920
C1 / 503 / 8 / Offline (projected to start in current shift)
C1 / 512 / NO GAC / Offline (projected to start in current shift)
C1 / 542 / 7 / Offline (projected to start in current shift)

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED] Williams, Malcolm J Capt USAF
647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]
[REDACTED] Natsuhara, Brent T LT USN NAVFAC
MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN
NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN
(USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte,
Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams,
Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 11:17 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211223 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211223 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768/GAC 1 – No Flushing during the period
F1 FH ID 18 – Flushing Started 1959L
F1 FH 606 – No Flushing during the period
F1 FH ID 36A – Flushing Started 2122L
F1 FH ID 21 – Flushing Started 2055L
F1 FH ID 11A – Flushing Started 2230L
F1 FH ID 613 – No Flushing during the period
F1 FH ID FH-8 (No GAC) – No Flushing during the period

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt
Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI
(USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); [REDACTED]
[REDACTED] Baranowski, Phillip J CPO USN
NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III
PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Barr, Justin A PO2 USN (USA);
Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA);
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Mchenry, Kevin
G MSgt USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN
CBMU 303 (USA)
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
[REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JPBHH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamar T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF

Superintendent, Structural Branch

Naval Facilities Engineering Systems Command Hawaii

Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
[REDACTED] Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,


Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Sunday, January 2, 2022 10:45 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01-02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 01 Jan - 02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]


ALCON,

Attached is the flush report for Saturday-Sunday, 01 Jan 22 – 02 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below. All personnel were placed on standby until 1930 local. Flushing started back at 2152 local.

Current Location Summary:

2152 – G1 FH18 – Flushing started first time
2230 – G1 FH 26 – Flushing started first time
2328 – F1 FH 606 – Flushing resumed
2333 – F1 FH 36 A – Flushing resumed
2341 – F1FH 21 – Flushing resumed
2349 – F1 FH 11A Flushing resumed

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, January 3, 2022 1:44 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 02/03 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / Flushing Paused 2350L and Resumed 0135L
D3 / 426 / 18 / Continuous Flushing This Period
D3 / 202 / 19 / Continuous Flushing This Period
D3 / 273 / 16 / Continuous Flushing This Period
F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Continuous Flushing This Period
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 1 South / 10 / Continuous Flushing This Period
F2 / 1 North / 12 / Flushing Resumed 2018L
F2 / 34 / 11 / Continuous Flushing This Period
F2 / 40 / 5 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused This Period
G1 / 18 / 17 / Flushing Paused 0234L (Ruptured Hose)
G1 / 26 / 4 / Continuous Flushing This Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Monday, January 3, 2022 9:39 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 03 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 03 Jan 2022 - 0800L 2000L - Flush Reports.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Monday, 03 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused – High PH level
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused (24/7 manning required for the gates)
G1 / 18 / 17 / Flushing Resumed 1902
G1 / 26 / 4 / Continuous Flushing This Period
C1 / 410 / 12 / Flushing (First Start – 1902)
C1 / 442 / 18 / Flushing (First Start – 1902)
C1 / 465 / 14 / Flushing (First Start – 1554)
C1 / 548 / 25 / Flushing (First Start – 1734)
D3 / 191 / 23 / Flushing Paused, requires additional hose to prevent overflow

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Maj USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 1:11 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 03/04 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused This Period (High PH level)
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Resumed 0018L
G1 / 18 / 17 / Flushing Paused 0335L (Flooding)
G1 / 26 / 4 / Flushing Paused 0345L (Flooding)
C1 / 410 / 12 / Continuous Flushing This Period
C1 / 442 / 18 / Continuous Flushing This Period
C1 / 465 / 14 / Continuous Flushing This Period
C1 / 548 / 25 / Flushing Resumed 0212L
D3 / 191 / 23 / Flushing Paused 2152L; Flushing Resumed 2205L (Re-position discharge hose)

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Tuesday, January 4, 2022 9:53 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: RE: INFO: 04 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: SKM_C36822010420490.pdf
Signed By: [REDACTED]

Attached is the flush report for Tuesday, 04 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 535 / 6 / Flushing started (First time 1910)
C2 / 123 / 11 / Flushing started (First time 1647)
D3 / 143 / 18 / Flushing started 1801
D3 / 382 / NO GAC / Flushing started (First time 2134)
D3 / 476 / 16 / Flushing started 1753
D3 / 803 / NO GAC / Flushing started (First time 2108)
D3 / 805 / NO GAC / Flushing started (First time 2054)
D3 / 812 / NO GAC / Flushing started (First time 2032)
D3 / 8103 / NO GAC / Flushing started (First time 2029)
G1 / 26 / 4 / Flushing resumed 2020
F2 / 13 / 19 / Flushing started 1613
F2 / 48 / 5 / Flushing started (First time 1513)
F2 / 50 / 20 / Flushing started 1920
C1 / 503 / 8 / Offline (projected to start in current shift)
C1 / 512 / NO GAC / Offline (projected to start in current shift)
C1 / 542 / 7 / Offline (projected to start in current shift)

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, [REDACTED]
[REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Thursday, December 23, 2021 10:02 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN
CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC
MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN
NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN
(USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte,
Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Williams,
Malcolm J Capt USAF 647 ABG (USA)
Subject: INFO: 20211223 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211223 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday/Thursday, 22/23 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Resumed 0250L
F1 FH ID 18 – Flushing Resumed 0251L
F1 FH 606 – Flushing Resumed 0258L
F1 FH ID 36A – Flushing Resumed 0308L
F1 FH ID 22 – Flushing Resumed 0317L
F1 FH ID 11A – Flushing Resumed 0324L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Resumed 0350L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Thursday, December 23, 2021 3:30 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: RE: INFO: 20211223 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211223 0600 - 1400 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday, 23 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 435 – Flushing Stopped 0908L
F1 FH ID 18 – Flushing Stopped 0823L
F1 FH 606 – Flushing Stopped 0829L
F1 FH ID 36A – Flushing Stopped 0841L
F1 FH ID 22 – Flushing Stopped 0850L
F1 FH ID 11A – Flushing Stopped 0856L
F1 FH ID 613 – Flushing Paused (a/o 22 Dec 21 at 1517L)
F1 FH ID FH-8 (No GAC) – Flushing Stopped 0819L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED] Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt
Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI
(USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN
COMEXSTRKGRU TWO (USA); [REDACTED]; Baranowski, Phillip J CPO USN
NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III
PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Barr, Justin A PO2 USN (USA);
Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA);
[REDACTED]
[REDACTED] oward, Spencer L LT USN
CBMU 303 (USA)
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA);
Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
[REDACTED] Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA);
Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA);
[REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
[REDACTED] Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); [REDACTED]
[REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA) [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); austin.a.kelly3; Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] elly, Austin A 1st Lt USAF 647 ABG (USA);
Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA);
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU [REDACTED]
[REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Wednesday, December 29, 2021 12:13 PM
To: AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211229 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Tuesday/Wednesday, 28/29 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Not Active this Period
A2 FH ID 2-7 – Continuous Flush this Period
A2 FH ID 7-1 – Continuous Flush this Period
D2 FH ID 003 – Not Active this Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 - Continuous Flush this Period
D2 FH ID 061 – Flushing Started 2238L
D2 FH ID 236 – Flushing Started 2158L
D2 FH ID 280 – Flushing Started 2241L
D2 FH ID 301 – Flushing Started 2000L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period
F1 FH ID 613 – Not Active this Period

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Wednesday, December 29, 2021 9:19 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211229 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Wednesday, 29 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 3-1 – Flushing Started 1740L
A2 FH ID 2-7 – Flushing Paused 1223L
A2 FH ID 7-1 – Flushing Paused 1212L
A2 FH ID 8-7 – Flushing Started 1725L
A2 FH ID 4-6 – Flushing Started 1812L
A2 FH ID 1-15 – Flushing Started 1951L
D2 FH ID 006 (No GAC) – Continuous Flush this Period
D2 FH ID 105 – Flushing Paused 1510L
D2 FH ID 061 – Flushing Paused 1430L
D2 FH ID 236 – Flushing Paused 1437L
D2 FH ID 280 – Flushing Paused 1446L
D2 FH ID 301 – Flushing Paused 1400L
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Thursday, December 30, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Wednesday/Thursday, 29/30 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Continuous Flush This Period
A2 FH ID 3-1 – Continuous Flush This Period
A2 FH ID 4-6 – Continuous Flush This Period
A2 FH ID 8-7 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush this Period
F1 FH ID FH-8 (No GAC) – Continuous Flush this Period
F1 FH ID 11A – Continuous Flush this Period
F1 FH ID 18 – Continuous Flush this Period
F1 FH ID 21 – Continuous Flush this Period
F1 FH ID 36A – Continuous Flush this Period
F1 FH ID 606 – Continuous Flush this Period

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF

Superintendent, Structural Branch

Naval Facilities Engineering Systems Command Hawaii

Public Works Department, JBPHH

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Thursday, December 30, 2021 9:54 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211230 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Thursday, 30 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-13A – Flushing Stopped 0908L
A2 FH ID 3-1 – Flushing Stopped 0846L
A2 FH ID 4-6 – Flushing Stopped 0935L
A2 FH ID 8-7 – Flushing Stopped 0938L
A2 FH ID 1-14 – Flushing Started 1711L
A2 FH ID 5-16 – Flushing Started 1815L
A2 FH ID 1-3 – Flushing Started 1840L
D2 FH ID 429 – Flushing Started 1122L, Flushing Paused 1635L
D2 FH ID 363 – Flushing Started 1131L, Flushing Paused 1148L, Flushing Resumed 1248L
D2 FH ID 276 – Flushing Started 1307L, Flushing Paused 1507L, Flushing Resumed 1750L
D2 FH ID 363 – Flushing Paused 1500L, Flushing Resumed 1800L
D2 FH ID 006 (No GAC) – Flushing Paused 1510L, Flushing Resumed 1740L
D2 FH ID 003 – Flushing Started 1557L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1620L, Flushing Resumed 1928L
F1 FH ID 11A – Flushing Paused 1605L, Flushing Resumed 1917L
F1 FH ID 18 – Flushing Paused 1614L, Flushing Resumed 1924L
F1 FH ID 21 – Flushing Paused 1558L, Flushing Resumed 1843L
F1 FH ID 36A – Flushing Paused 1558L, Flushing Resumed 1830L
F1 FH ID 606 – Flushing Paused 1544L, Flushing Resumed 1821L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Friday, December 31, 2021 9:29 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]; Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211230 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211231 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Thursday/Friday, 30/31 Dec 21, 2000L – 0800L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Continuous Flush This Period
A2 FH ID 1-14 – Continuous Flush This Period
A2 FH ID 5-16 – Continuous Flush This Period
D2 FH ID 003 – Continuous Flush This Period
D2 FH ID 006 (No GAC) – Continuous Flush This Period
D2 FH ID 276 – Continuous Flush This Period
D2 FH ID 325 – Flushing Resumed 0112L / Flushing Paused 0546L
D2 FH ID 363 – Continuous Flush This Period
D2 FH ID 429 – Flushing Paused 2107L / Flushing Resumed 0034L / Flushing Complete 0529L
F1 FH ID FH-8 (No GAC) – Continuous Flush This Period
F1 FH ID 11A – Continuous Flush This Period
F1 FH ID 18 – Continuous Flush This Period
F1 FH ID 21 – Continuous Flush This Period
F1 FH ID 36A – Continuous Flush This Period
F1 FH ID 606 – Continuous Flush This Period

r/

srw

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 31, 2021 9:31 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]; Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA)
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 20211231 0800L - 2000L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Friday, 31 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

A2 FH ID 1-3 – Flushing Paused 1035L
A2 FH ID 1-14 – Flushing Paused 0950L
A2 FH ID 5-16 – Flushing Paused 1027L
D2 FH ID 003 – Flushing Paused 0914L
D2 FH ID 006 (No GAC) – Flushing Complete 1130L
D2 FH ID 276 – Flushing Paused 0817L
D2 FH ID 325 – Flushing Paused 0839L
D2 FH ID 363 – Flushing Paused 0904L
F1 FH ID FH-8 (No GAC) – Flushing Paused 1937L
F1 FH ID 11A – Flushing Paused 1930L
F1 FH ID 18 – Flushing Paused 1938L
F1 FH ID 21 – Flushing Paused 1925L
F1 FH ID 36A – Flushing Paused 1953L
F1 FH ID 606 – Flushing Paused 1945L
D3 FH ID 801 – Flushing Started 1215L
D3 FH ID 805 – Flushing Started 1230L, Flushing Paused 1913L
D3 FH ID 245 – Flushing Started 1359L
D3 FH ID 228 – Flushing Started 1456L, Flushing Paused 1659L
D3 FH ID 477 – Flushing Started 1226L

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Saturday, January 1, 2022 9:56 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20210101 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

ALCON,


Attached is the flush report for Friday-Saturday, 31 Dec 21 – 01 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

F1 FH 228 / 11 – Flushing Paused (0108 L)
D3 FH 245 / 17– Flushing Paused (0300 L)
D3 FH 805 (FH 804) – Flushing Paused (0315 L)
D3 SA FH 801 (FH 803) – Flushing Paused (0320 L)
F1 FH 18 / 7– Flushing Paused (0331 L)
F1 FH 8– Flushing Paused (0336 L)
F1 FH 11A/ 5– Flushing Paused (0343 L)
F1 FH 21 / 3– Flushing Paused (0354 L)
F1 FH 36A / 2– Flushing Paused (0400 L)
F1 FH 606 / 6– Flushing Paused (0408 L)
D3 FH 477– Flushing Paused (0431 L)
D3 FH 801 (FH 803) – Flushing Resumed (0540 L)
D3 FH 805 (FH 804) – Flushing Resumed (0545 L)

F1 FH 11A / 5– Flushing Resumed (0556 L)
F1 FH 21 / 3– Flushing Resumed (0603 L)
F1 FH 36A / 2– Flushing Resumed (0615 L)
F1 FH 8– Flushing Resumed (0632 L)
F1 FH 18 / 7– Flushing Resumed (0638 L)
D3 FH 477 / 12– Flushing Resumed (0655 L)
D3 FH 245 / 17– Flushing Resumed (0706 L)
D3 FH 228 / 11– Flushing Resumed (0715 L)

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Joseph, Craig M TSgt USAF (USA) [REDACTED]
Sent: Sunday, January 2, 2022 10:45 AM
To: Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA) [REDACTED]; [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); Kelly, Austin A 1st Lt [REDACTED]
Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] mil; Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 01-02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 01 Jan - 02 Jan 22 2000L - 0800L JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]


ALCON,

Attached is the flush report for Saturday-Sunday, 01 Jan 22 – 02 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below. All personnel were placed on standby until 1930 local. Flushing started back at 2152 local.

Current Location Summary:

2152 – G1 FH18 – Flushing started first time
2230 – G1 FH 26 – Flushing started first time
2328 – F1 FH 606 – Flushing resumed
2333 – F1 FH 36 A – Flushing resumed
2341 – F1FH 21 – Flushing resumed
2349 – F1 FH 11A Flushing resumed

v/r

CRAIG M. JOSEPH, TSgt, USAF 
NCOIC Pavements & Equipment
647th Civil Engineer Squadron
Joint Base Pearl Harbor-Hickam, HI 96853-5111
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Kelly, Austin A 1st Lt USAF 647 ABG (USA)
Sent: Sunday, January 2, 2022 10:12 PM
To: Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED]
(USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Cc: 647 CES/UCC
Subject: INFO: 02 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 02 Jan 2022 0800L - 2000L JBPHH DWDSRP FLUSH REPORT.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Sunday, 02 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / ON
D3 / 426 / 18 / ON
D3 / 202 / 19 / ON
D3 / 273 / 16 / ON
F1 / 36A / 6 / ON
F1 / 21 / 7 / ON
F1 / 11A / 8 / ON
F1 / 42 / 9 / OFF due to high pH
F1 / 18 / 3 / ON
F1 / 606 / 1 / ON
F2 / 1 South / 10 / ON
F2 / 1 North / 12 / ON
F2 / 34 / 11 / ON
F2 / 40 / 5 / ON
F2 / 51 / 20 / OFF
G1 / 18 / 17 / ON

G1 / 26 / 4 / ON

Very Respectfully,

Austin Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI
Public Works Department, JBPHH



Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Monday, January 3, 2022 1:44 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarita T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220103 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 02/03 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

C1 / 405 / 14 / Flushing Paused 2350L and Resumed 0135L
D3 / 426 / 18 / Continuous Flushing This Period
D3 / 202 / 19 / Continuous Flushing This Period
D3 / 273 / 16 / Continuous Flushing This Period
F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Continuous Flushing This Period
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 1 South / 10 / Continuous Flushing This Period
F2 / 1 North / 12 / Flushing Resumed 2018L
F2 / 34 / 11 / Continuous Flushing This Period
F2 / 40 / 5 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused This Period
G1 / 18 / 17 / Flushing Paused 0234L (Ruptured Hose)
G1 / 26 / 4 / Continuous Flushing This Period

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA) <[REDACTED]>
Sent: Monday, January 3, 2022 9:39 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M TSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA); [REDACTED] Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 03 Jan 22 0800L - 2000L JBPHH DWDSRP Flush Report
Attachments: 03 Jan 2022 - 0800L 2000L - Flush Reports.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Attached is the flush report for Monday, 03 Jan 22, 0800L – 2000L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused – High PH level
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Paused (24/7 manning required for the gates)
G1 / 18 / 17 / Flushing Resumed 1902
G1 / 26 / 4 / Continuous Flushing This Period
C1 / 410 / 12 / Flushing (First Start – 1902)
C1 / 442 / 18 / Flushing (First Start – 1902)
C1 / 465 / 14 / Flushing (First Start – 1554)
C1 / 548 / 25 / Flushing (First Start – 1734)
D3 / 191 / 23 / Flushing Paused, requires additional hose to prevent overflow

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Maj USAF 647 ABG (USA) <[REDACTED]>
Sent: Tuesday, January 4, 2022 1:11 PM
To: Kelly, Austin A 1st Lt USAF 647 ABG (USA); Joseph, Craig M MSgt USAF (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Collins, Jason A CMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Huang, Andy D CIV USN NAVFAC HAWAII PEARL (USA); Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED] Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED] Asistio, Maria Angela Grace L 2d LT USAF USN NAVFAC HAWAII PEARL (USA); Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN 647 CES/UCC
Cc:
Subject: INFO: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20220104 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Attached is the flush report for Sunday/Monday, 03/04 Jan 22, 2000L – 0800L. Also below is a summary on distribution flushing below.

Current Location Summary:

Zone / FH# / GAC # / Flushing Status

F1 / 36A / 6 / Continuous Flushing This Period
F1 / 21 / 7 / Continuous Flushing This Period
F1 / 11A / 8 / Continuous Flushing This Period
F1 / 42 / 9 / Flushing Paused This Period (High PH level)
F1 / 18 / 3 / Continuous Flushing This Period
F1 / 606 / 1 / Continuous Flushing This Period
F2 / 51 / 20 / Flushing Resumed 0018L
G1 / 18 / 17 / Flushing Paused 0335L (Flooding)
G1 / 26 / 4 / Flushing Paused 0345L (Flooding)
C1 / 410 / 12 / Continuous Flushing This Period
C1 / 442 / 18 / Continuous Flushing This Period
C1 / 465 / 14 / Continuous Flushing This Period
C1 / 548 / 25 / Flushing Resumed 0212L
D3 / 191 / 23 / Flushing Paused 2152L; Flushing Resumed 2205L (Re-position discharge hose)

r/

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 12:54 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report
Attachments: 20211220 1400 - 2200 JBPHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Monday, 20 Dec 21, 1400L – 2200L. Four of the five approved sites within region A1 were active during this period and three of the eight approved sites within region F1 were active. Also, below are the start times for the 7 hydrants on the concerned shift FYSA. Once started there wasn't interruption in flow.

A1 FH ID 7 – 1225L
A1 FH ID 8 – 1612L
A1 SA-DFH 21 – 0923L
A1 FH ID 22 – 1628L
F1 FH 11A – 1833L
F1 FH 8 – 2032L
F1 FH-613 – 1942L

Please let me know if you have any questions.

v/r,

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Tuesday, December 21, 2021 1:54 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211221 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Gentlemen,

Please see the attached flush reports for period Monday/Tuesday, 20/21 Dec 21, 2200L – 0600L. Seven sites across sectors A1 and F1 continuously flushed during this period without interruption.

A1 FH ID 7 – Continuous Flush
A1 FH ID 8 – Continuous Flush
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 - Continuous Flush
F1 FH ID 613 - Continuous Flush

Please let me know if you have any questions.

v/r

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 5:28 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Wiley, Scottie R Capt USAF 647
ABG (USA)
Subject: FW: INFO: 20211221 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211221 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 0600L – 1400L. See below for quick reference of Hydrant Activity.

A1 FH ID 7 – Stopped Flush at 1206L
A1 FH ID 8 – Stopped Flush from 0836 -1110L
F1 FH ID 8 - Continuous Flush (No GAC)
F1 FH ID 11A - Continuous Flush
A1 FH ID 21 – Continuous Flush
A1 FH ID 22 – Stopped Flush at 0956L
F1 FH ID 613 - Continuous Flush
F1 FH ID 36A – Stopped Flush at 0936L

Please let me know if you have any questions.

v/r

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Tuesday, December 21, 2021 11:49 PM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA; Williams, Malcolm J Capt USAF 647 ABG (USA; Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: INFO: 20211221 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211221 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Gentlemen,

Please see the attached flush reports for period Tuesday, 21 Dec 21, 1400L – 2200L. See below for quick reference of Hydrant Activity across Zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush

A2 FH ID 2-7 – Flush started 2017L

F1 FH ID 22 – Flush started 1820L. Stopped Flush from 2028L to 2104L

F1 FH ID FH-8 – Continuous Flush (No GAC)

F1 FH ID 11A – Continuous Flush

F1 FH ID 613 – Continuous Flush

F1 FH ID 36A – Flush started 1552L

F1 FH 18 – Flush started 1534L

Please let me know if you have any questions.

v/r

Mahalo

Have a blessed day,

Malcolm Williams, Capt, USAF

USAF Planner

Facility Management Division

Joint Base Pearl Harbor-Hickam, Hawaii

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Wednesday, December 22, 2021 8:28 AM
To: Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED];
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF
USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA);
Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry,
Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA);
[REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton,
Cole R SrA USAF 647 ABG (USA); [REDACTED]; Williams, Malcolm J Capt USAF
647 ABG (USA)
Subject: INFO: 20211222 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211222 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Tuesday/Wednesday, 21/22 Dec 21, 2200L – 0600L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Continuous Flush
A2 FH ID 2-7 – Continuous Flush
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 5:22 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: 20211222 0600 - 1400 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 0600L – 1400L. No interruption for the hydrants within zones A1, A2, and F1.

A1 FH ID 8 – Stopped Flushing 0954L
A2 FH ID 2-7 – Stopped Flushing 1145L
F1 FH ID 22 – Continuous Flush
F1 FH ID FH-8 – Continuous Flush (No GAC)
F1 FH ID 11A – Continuous Flush
F1 FH ID 613 – Continuous Flush
F1 FH ID 36A – Continuous Flush
F1 FH 18 – Continuous Flush

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Williams, Malcolm J Capt USAF 647 ABG (USA)
Sent: Wednesday, December 22, 2021 11:06 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]
Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA)
Subject: RE: INFO: 20211222 1400L - 2200L JBPHH DWDSRP Flush Report
Attachments: 20211222 1400 - 2200 JBPHHH DWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Wednesday, 22 Dec 21, 1400L – 2200L. [See below for quick update on Hydrant Flushing.](#)

D1 FH ID 435 – Flushed from 1707L – 2000L
F1 FH ID 22 – Stopped Flushing at 2117L
F1 FH ID FH-8 (No GAC) – Stopped Flush at 1610L
F1 FH ID 11A – Stopped Flushing at 2126L
F1 FH ID 613 – Stopped Flushing at 1517L
F1 FH ID 36A – Stopped Flushing at 2108L
F1 FH ID 18 – Stopped Flushing at 2051L
F1 FH 606 – Stopped Flushing at 2058L

Please let me know if you have any questions.

Mahalo
Have a blessed day,

Malcolm Williams, Capt, USAF
USAF Planner
Facility Management Division
Joint Base Pearl Harbor-Hickam, Hawaii
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED] >
Sent: Friday, December 24, 2021 7:49 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J LCDR USN CBMU 303 (USA)
Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Subject: INFO: 20211224 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: 20211224 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Thursday/Friday, 23/24 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – Flushing Started 2345L
F1 FH ID 18 – Flushing Paused 0057L
F1 FH 606 – Flushing Resumed 2223L / Flushing Paused 0144L
F1 FH ID 36A – Flushing Paused 0131L
F1 FH ID 21 – Flushing Paused 0125L
F1 FH ID 11A – Flushing Resumed 2230L / Flushing Paused 0119L
F1 FH ID 613 – Flushing Started 2313L / Flushing Paused 0211L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 2215L / Flushing Paused 0111L

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Friday, December 24, 2021 3:56 PM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED]; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED]; Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA)
Subject: INFO: 20211224 0600L - 1400L JBPHH DWDSRP Flush Report
Attachments: SKM C36821122415350.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period. FYSA, All sites stopped ~1420L, except for D1 FH ID 724, which is still flushing...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Flushing Resumed 1146L, Paused 1359L
F1 FH 606 – Flushing Resumed 0923L
F1 FH ID 36A – Flushing Resumed 1100L
F1 FH ID 21 – Flushing Resumed 1108L
F1 FH ID 11A – Flushing Resumed 1116L
F1 FH ID 613 – Flushing Resumed 1018L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1127L
D1 FH ID 723 – Flushing Started 0957L
D1 FH ID 724 – Flushing Started 1343

Please let me know if you have any questions.

r/

srw

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) <[REDACTED]>
Sent: Friday, December 24, 2021 11:46 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); [REDACTED]
[REDACTED] Gruber, Marjorie J
LCDR USN CBMU 303 (USA)
Cc: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Donovan, Luke T Lt
Col USAF 49 MSG (USA); Edwards, Phyllysha C SSgt USAF USN NAVFAC PAC PEARL HI
(USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN
COMEXSTRKGRU TWO (USA); [REDACTED] Phillip J CPO USN
NAVFAC SE JAX FL (USA); Credle, Gregory E III PO2 USN (USA); Credle, Gregory E III
PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Barr, Justin A PO2 USN (USA);
Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Harris, Jamel W PO2 USN (USA);
[REDACTED] Williams, Malcolm J Capt USAF 647 ABG (USA); Mchenry, Kevin
G MSgt USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN
CBMU 303 (USA)
Subject: Flushing Ops Report
Attachments: Flushing Report.pdf
Signed By: [REDACTED]

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period. FYSA, area ID D1 will resume flushing at around 0700hrs, 25 December and area ID D2 will resume flushing on 26 December...time stamp 1517L.

D1 FH ID 768 – Flushing Paused 0925L
F1 FH ID 18 – Paused 1359L
F1 FH 606 – Paused 1413L
F1 FH ID 36A – Pause 1421L
F1 FH ID 21 – Flushing Resumed 1425L
F1 FH ID 11A – Flushing Resumed 1433L
F1 FH ID 613 – Flushing Resumed 1410L
F1 FH ID FH-8 (No GAC) – Paused 1403L
D1 FH ID 723 – Paused 1435L, GAC relocated to D2 FH ID 019
D1 FH ID 724 – Paused 1535, GAC relocated to D2 FH ID 74

Please let me know if you have any questions.

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA) [REDACTED]
Sent: Saturday, December 25, 2021 6:55 AM
To: Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED] ruber, Marjorie J LCDR USN CBMU 303 (USA); Cc: WILLIAMS, MALCOLM J Capt USAF PACAF 647 CES/CEN; Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA) [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); [REDACTED]
Cc: Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: 20211225 2200L - 0600L JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122506500.pdf

Ma'am & Gentlemen,

Please see the attached flush reports for period Friday, 24 / 25 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

D1 FH ID 768 – No Flushing
F1 FH ID 18 – Paused 0532L
F1 FH 606 – Paused 0455L
F1 FH ID 36A – Pause 0509L
F1 FH ID 21 – Paused 0515L
F1 FH ID 11A – Paused 0521L
F1 FH ID 613 – Paused 0501L
F1 FH ID FH-8 (No GAC) – Paused 0528L

V/r,

Jason A. Collins
Senior Master Sergeant, USAF
Facilities Sustainment Division Superintendent/PRJ3
Naval Facilities Engineering System Command, Hawaii
400 Marshall Road
JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Corum, Michael L II MSgt USAF 647 ABG (USA)
Sent: Sunday, December 26, 2021 2:22 AM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG [REDACTED]
Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Wiley, Scottie R Capt USAF 647 ABG (USA)
Subject: Water Observation Sheets 25 Dec (1400-2200L)
Attachments: WaterFlushingObservations_25Dec21.pdf
Signed By: [REDACTED]
Importance: High

ALCON,

Please see attached Water Flushing Observation Sheets/reports for 25 Dec 21, 1400L – 2200L. A summary update on distribution for this period is listed below.

D1 FH ID 455 – Turned on at 1826L / Turned off at 2100L
D1 FH ID 782 – Turned on at 1851L
F1 FH ID FH-8 (No GAC) – Turned on at 1915L
F1 FH 606 – Turned on at 1929L
F1 FH ID 613 – Turned on at 1952L
F1 FH ID 36A – Turned on at 1959L
F1 FH ID 21 – Turned on 2015L
F1 FH ID 11A – Turned on at 2030L
F1 FH ID 18 – Turned on at 2050L

Water levels

31.2 feet at 2110L
30 feet at 2159L

V/r
Michael Corum, MSgt, USAF
SABER, NCOIC
647th Civil Engineer Squadron

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) <[REDACTED]>
Sent: Sunday, December 26, 2021 7:03 AM
To: Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]; Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Cc: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211226 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush reports for period Saturday/Sunday, 25/26 Dec 21, 2200L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0015L
F1 FH ID FH-8 (No GAC) – Paused 0023L
F1 FH 606 – Paused 2341L
F1 FH ID 613 – Paused 2337L
F1 FH ID 36A – Paused 2350L
F1 FH ID 21 – Paused 2356L
F1 FH ID 11A – Paused 0005L
F1 FH ID 18 – Paused 0027L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Duarte, Israel A MSgt USAF (USA)
Sent: Sunday, December 26, 2021 5:55 PM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII [REDACTED]; Gruber, Marjorie J LCDR USN CBMU 303 (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); p [REDACTED] Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); [REDACTED] Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED] Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); [REDACTED]
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122615050.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Paused 0913L
F1 FH ID FH-8 (No GAC) – Flushing Resumed 1000L
F1 FH 606 – Flushing Resumed 0932L
F1 FH ID 613 – Flushing Resumed 0932L
F1 FH ID 36A – Flushing Resumed 0941L
F1 FH ID 21 – Flushing Resumed 2356L
F1 FH ID 11A – Flushing Resumed 0953L
F1 FH ID 18 – Flushing Resumed 1005L
F1 FH ID 19 – Flushing Started 0937L

Respectfully,

//SIGNED//

ISRAEL A. DUARTE, MSgt, USAF
Superintendent, Structural Branch
Naval Facilities Engineering Systems Command Hawaii
Public Works Department, JBPHH
JBPHH, HI
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN [REDACTED]
Sent: Monday, December 27, 2021 12:04 AM
To: Wiley, Scottie R Capt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII [REDACTED]
[REDACTED]
Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA)
Cc: Wiley, Scottie R Capt USAF AFPC (USA)
Subject: INFO: 20211226 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: SKM_C36821122622380.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,

Please see the attached flush report for Sunday, 26 Dec 21, 1400L – 2200L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period (until 27 Dec)
D1 FH ID 782 – Flushing Paused 1437L
F1 FH ID FH-8 (No GAC) – Flushing paused 1505L
F1 FH 606 – Flushing paused 1445L
F1 FH ID 613 – Flushing paused 1442L
F1 FH ID 36A – Flushing paused 1451L
F1 FH ID 21 – Flushing paused 1455L
F1 FH ID 11A – Flushing paused 1457L
F1 FH ID 18 – Flushing paused 1505L
D2 FH ID 19 – Flushing paused 1901L (GAC disconnected)

V/r
Michael Corum, MSgt, USAF
NCOIC, SABER
Joint Base Pearl Harbor-Hickam
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 8:44 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC [REDACTED]
[REDACTED]
Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report
Attachments: 20211227 2200 - 0600 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Sunday/Monday, 26/27 Dec 21, 2200L - 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Resumed Flushing 0303L
F1 FH ID FH-8 (No GAC) – Resumed Flushing 0310L
F1 FH 606 – Resumed Flushing 0251L
F1 FH ID 613 – Resumed Flushing 0246L
F1 FH ID 36A – Resumed Flushing 0235L
F1 FH ID 21 – Resumed Flushing 0226L
F1 FH ID 11A – Resumed Flushing 0222L
F1 FH ID 18 – Resumed Flushing 0315L
D2 FH ID 19 – Flushing Complete / GAC relocating

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Monday, December 27, 2021 7:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamarla T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report
Attachments: 20211227 0600 - 1400 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0600L – 1400L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Paused this period
D1 FH ID 782 – Flushing Complete 0714L
F1 FH ID FH-8 (No GAC) – Flushing Paused 0745L
F1 FH 606 – Flushing Paused 0724L
F1 FH ID 613 – Flushing Paused 0725L
F1 FH ID 36A – Flushing Paused 0733L
F1 FH ID 21 – Flushing Paused 0735L
F1 FH ID 11A – Flushing Paused 0738L
F1 FH ID 18 – Flushing Paused 0745L

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3
Naval Facilities Engineering Systems Command, Hawaii
400 Marshall Road JBPHH HI 96860-3139
[REDACTED]

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: KELLY, AUSTIN A 1st Lt USAF PACAF 647 CES/CEC [REDACTED]
Sent: Monday, December 27, 2021 9:36 PM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
[REDACTED]
1st Lt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); [REDACTED] Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA; Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA; Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA; Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA; Lett, Julius J SMSgt USAF (USA)
Cc: 647 CES/UCC
Subject: 20211227 0800-2000 JBPHH DWDSRP Flush Report
Attachments: 20211227 0800-2000 JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

Please see the attached flush report for Monday, 27 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing resumed 1949L
D2 FH ID 30 – Flushing resumed 1950L
F1 FH ID FH-8 (No GAC) – Flushing resumed 1828L
F1 FH 606 – Flushing resumed 1838L
F1 FH ID 613 – Flushing resumed 1845L
F1 FH ID 36A – Flushing resumed 1852L
F1 FH ID 21 – Flushing resumed 1900L
F1 FH ID 11A – Flushing resumed 1910L
F1 FH ID 18 – Flushing resumed 1823L
D1 FH ID 6 - Flushing started 2007L
D2 FH ID 74 - Flushing started 2022L

Very Respectfully,

Austin A. Kelly, 1st Lt, USAF
Airfield Deputy Assistant Public Works Officer
Naval Facilities Engineering Systems Command HI

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: Wiley, Scottie R Capt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:35 AM
To: CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN; Corum, Michael L II MSgt USAF 647 ABG (USA); Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Daly, John F III LCDR USN NAVFAC HAWAII PEARL (USA); [REDACTED]
Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Mchenry, Kevin G MSgt USAF 647 ABG (USA); Gallagher, Austin C SSgt USAF 647 ABG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); Pendleton, Cole R SrA USAF 647 ABG (USA); [REDACTED]
Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); Hawkins, Brian A PO1 USN NAS KEY WEST FL (USA); Barr, Justin A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaría T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Duarte, Israel A MSgt USAF (USA); AhLeong, Peter A MSgt USAF 647 ABG (USA); Lett, Julius J SMSgt USAF (USA)
Cc: [REDACTED]
Subject: INFO: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report
Attachments: 20211228 2000L - 0800L JBPHH DWDSRP Flush Report.pdf

Ladies & Gentlemen,

BLUF: The US Army has assumed the distribution flushing watch with 647 CES UCC over watch a/o 0800, 27 Dec 21. They will conduct 12-hour shifts changing at 0800L and 2000L over a 24-hour period.

Please see the attached flush report for Monday/Tuesday, 27/28 Dec 21, 2000L – 0600L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 400 – Started Flushing 0128L
D1 FH ID 455 – Continuously Flushed This Period
D2 FH ID 006 – Started Flushing 2007L
D2 FH ID 030 – Started Flushing 1950L
D2 FH ID 074 – Started Flushing 2022L
D2 FH ID 293 – Started Flushing 0108L
F1 FH ID FH-8 (No GAC) – Continuously Flushed This Period
F1 FH ID 11A – Continuously Flushed This Period
F1 FH ID 018 – Continuously Flushed This Period
F1 FH ID 021 – Continuously Flushed This Period
F1 FH ID 36A – Continuously Flushed This Period
F1 FH ID 606 – Continuously Flushed This Period
F1 FH ID 613 – Continuously Flushed This Period

r/

SCOTT R. WILEY, Capt, USAF
Facilities Sustainment Division Deputy Director – PRJ3

Cruz, Nicholas D LT USN NAVFAC SE JAX FL (USA)

From: AhLeong, Peter A MSgt USAF 647 ABG (USA) [REDACTED]
Sent: Tuesday, December 28, 2021 11:34 PM
To: Collins, Jason A SMSgt USAF USN NAVFAC HAWAII PEARL (USA); Wiley, Scottie R Capt USAF 647 ABG (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); [REDACTED]
USN CBMU 303 (USA); Kelly, Austin A 1st Lt USAF 647 ABG (USA); [REDACTED]
Spencer, Matthew A CIV USN COMNAVREG SW SAN CA (USA); Poche, Brennan W LT USN NAVFAC HAWAII PEARL (USA); Williams, Malcolm J Capt USAF 647 ABG (USA); Donovan, Luke T Lt Col USAF 49 MSG (USA); Beattie, Aaron J MAJ USARMY USARPAC (USA); 647 CES/UCC; Howard, Spencer L LT USN CBMU 303 (USA); Natsuhara, Brent T LT USN NAVFAC MARIANAS GU (USA); Cope, Jimmy Lee CPO USN COMEXSTRKGRU TWO (USA); Baranowski, Phillip J CPO USN NAVFAC SE JAX FL (USA); [REDACTED]
A PO2 USN (USA); Harris, Jamel W PO2 USN (USA); Johnson, Jamaria T PO2 USN (USA); Credle, Gregory E III PO2 USN (USA); Lett, Julius J SMSgt USAF (USA); [REDACTED]
Cc: EDWARDS, PHYLYSHA C SSgt USAF PACAF 647 CES/CEOER; Pendleton, Cole R SrA USAF 647 ABG (USA); Duarte, Israel A MSgt USAF (USA); Mchenry, Kevin G MSgt USAF 647 ABG (USA); Corum, Michael L II MSgt USAF 647 ABG (USA); CORUM, MICHAEL L II MSgt USAF PACAF 647 CES/CEN
Subject: INFO: 20211228 0800L - 2000L JBPBH DWDSRP Flush Report
Attachments: 20211228 0800L - 2000L JPBHH KDWDSRP Flush Report.pdf
Signed By: [REDACTED]

Ladies & Gentlemen,


Please see the attached flush report for Tuesday, 28 Dec 21, 0800L – 2000L. A summary update on distribution flushing is listed below for this period.

Current Location Summary:

D1 FH ID 455 – Flushing stopped 0939L
D2 FH ID 30 – Flushing stopped 1030L
F1 FH ID FH-8 (No GAC) – Flushing on
F1 FH ID 606 – Flushing on
F1 FH ID 613 – Flushing paused 1157L (field flooded)
F1 FH ID 36A – Flushing on
F1 FH ID 21 – Flushing on
F1 FH ID 11A – Flushing on
F1 FH ID 18 – Flushing on
D1 FH ID 6 - Flushing on
D2 FH ID 74 - Flushing stopped 1031L
D2 FH ID 293 – Flushing stopped 0939L
D1 FH ID 400 – Flushing stopped 0951L
D2 FH ID 41 – Flushing started 1050L
A2 FH ID 7-1 – Flushing started 1501L

A2 FH ID 2-7 – Flushing started 1647L

Respectfully,

MSgt Peter A. Ahleong
Mechanical Services Element Superintendent
Naval Facilities Engineering Systems Command, Hawaii
647th Civil Engineer Squadron, JBPHH, HI


February 26, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: WATER STORAGE FACILITIES AND WATER SOURCE FOR ZONES A1, A2, A3, B1, C1, C2, C3, D1, D2, D3, D4, G1, E1, F1, F2, H1, H2, H3, AND I1

Ref: (a) Drinking Water Sampling Plan, December 2021
(b) Drinking Water Distribution System Recovery Plan, December 2021

Encl: (1) Joint Base Pearl Harbor Hickam Potable Water System Description
(2) S1 and S2 Water Storage Tank Flushing Report Memo
(3) Inspection, Maintenance, and Cleaning of Potable Water Tanks Memo
(4) Ford Island/Shipyard Water Transmission Line Status
(5) JBPHH/Iroquois Point Water Transmission Line Status
(6) Board of Water Supply Interconnection Status

1. This letter and associated enclosures describes and documents the flushing of the water storage facilities that serve the Joint Base Pearl Harbor Hickam (JBPHH) public water system (PWS No. 360). The flushing of the JBPHH water storage facilities and distribution system was completed in accordance with reference (a) and (b). Enclosure (1) describes the JBPHH public water system and storage tanks associated with the system. Page 8 of reference (a) has the flushing zones and water storage facilities located in each zone. The flushing of each zone identified in phase 1 of reference (a) included five volumetric turnovers. The volumetric turnover requirement included the water tank storage and distribution system volume for each zone. The water testing of the distribution system after flushing a zone's water storage tank and distribution system was the confirmation that contamination was removed from the system and that the water tanks was not a source of contamination. Enclosure (2) documents the Hawaii Department of Health's approved change from reference (a) for the flushing of Halawa S-1 and Halawa S-2.

2. Zones A1, A2, A3, B1, C1, C2, C3, D1, D2, D3, D4, G1, E1, F1, F2, H1, H2, H3 and I1 are currently fed by the Waiawa Shaft water supply source. The pumps from the shafts generally run continuous and range from 6,000 to 14,000 gallons per minute based on the demand of the JBPHH potable water system. The pressure throughout the JBPHH distribution system is aided by the two Halawa water storage tanks. The Halawa S-1 tank is currently in service and the Halawa S-2 tank has been taken offline for maintenance as documented in enclosure (2). Enclosure (3) documents the planned timeline associated with the inspection, maintenance and cleaning of the Navy owned water storage tanks. The planned work is scheduled to be completed before the end of this calendar year. The inspection of the water storage tanks will be conducted in accordance with American Water Works Association (AWWA) Standard for Inspecting and Repairing Steel Water Tanks, Standpipes, Reservoirs, and Elevated Tanks by personnel with the requisite qualifications outlined in this AWWA standard. Zone I1 (Red Hill) is served by Navy owned water storage tanks. The Army operates the consecutive Aliamanu public water system (PWS No. 337) which receives its water from the JBPHH public water

SUBJ: WATER STORAGE FACILITIES AND WATER SOURCE FOR ZONES A1, A2, A3, B1, C1, C2, C3, D1, D2, D3, D4, G1, E1, F1, F2, H1, H2, H3, AND I1

system. The Army's public water system serves the Aliamanu Military Reservation (AMR). The AMR area was subdivided into three flushing zones which included Zones H1, H2, and H3. The planned timeline associated with the inspection, maintenance, and cleaning of the Army owned water storage tanks will be submitted as part of the removal action reports for Zones H1, H2, H3.

3. At this time, there are two water transmission lines that are not in operation. The water transmission line between Ford Island and the Shipyard was offline at the time of the incident as described in Enclosure (3) and is currently going through repairs. The valves at each end of the underwater water transmission line between JBPHH and Iroquois Point were closed on December 5, 2021 and the valves have remained closed since that date as documented in Enclosure (4). Enclosure (5) documents the method for reopening the underwater water transmission line between JBPHH and Iroquois Point to prevent potential contamination and adverse water quality issues. The Navy will notify the Hawaii Department of Health prior to reopening the underwater water transmission line the between JBPHH and Iroquois Point. Additional interconnections with Board of Water Supply (BWS) are described in Enclosure (6). Water being distributed in the system and being stored in water storage tanks that maintain pressure in Zones A1, A2, A3, B1, C1, C2, C3, D1, D2, D3, D4, G1, E1, F1, and F2 have been flushed in accordance with reference (b) and the distribution system tested in accordance with reference (a). The removal action reports for Zones H1, H2, H3, and I1 document the flushing of the water storage tanks that specifically serve those zones.

4. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

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CAPT, CEC, USN

Joint Base Pearl Harbor Hickam (JBPHH) Potable Water Description

Major components of the JBPHH potable water system include:

- Supply sources
 - Waiawa Shaft/Pumping Station
 - Red Hill Shaft/Pumping Station
 - Halawa Shaft/Pumping Station
 - Emergency Interconnections (2 locations)
- Water storage facilities
- 2-6,000,000 gallon steel storage tanks at Halawa
 - 2-200,000 gallon concrete storage tanks at Camp Smith
 - 1-250,000 gallon glass-fused steel storage tank at Camp Smith with a usable storage capacity of 140,000 gallons
 - 2-250,000 gallon glass-fused steel storage tank at Red Hill
- Distribution system
 - Camp Smith Booster Pump (to convey water to the Camp Smith water system)
 - Red Hill Booster Pumps (to convey water to the storage tank)
 - Moanalua Terrace Booster Pumps (to pressurize the water system serving the Moanalua Terrace Housing area)
 - Boneyard Booster Pumps (to pressurize the water system serving the upper elevation of Moanalua Terrace Housing area)
 - Manana Booster Pumps (to pressurize the water system serving the Manana Housing area)
 - A network of pipes, meters, valves, and hydrants for distribution and fire protection

Water Storage Facilities:

Fresh water storage facilities store water for normal, fire, and maximum demand use, and serve to maintain relatively constant pressure in the water system. The JBPHH water system is equipped with two welded steel tanks, each with a storage capacity of six million gallons. These tanks are identified as the Halawa storage tanks S-1 and S-2. Both of these tanks are located adjacent to the Aliamanu Military Reservation at a ground elevation of 140 feet. The diameter of the tanks are 164 feet each, with a nominal height of 48 feet. The spillway elevations of the S-1 and S-2 tanks are 178.5 feet. The tanks are interconnected by a 10-inch line. Water from each of the tanks discharges through separate 24-inch mains and combines to a single 30-inch transmission main.

Other water storage tanks in the JBPHH system include the three tanks at Camp Smith, a storage tank serving the Red Hill Housing area, and three storage tanks serving the Army's Aliamanu Housing area. The Red Hill and Aliamanu tanks are supplied by separate booster pump stations located at the Red Hill Water Pumping Station and the Halawa Storage Tanks, respectively. These tanks are dedicated to serving these two non-Navy housing areas.

February 11, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: S1 AND S2 WATER STORAGE TANK FLUSHING REPORT

Ref: (a) Drinking Water Distribution System Recovery Plan, December 2021

1. This letter documents the current status of the S1 and S2 water storage tanks. In accordance with reference (a), the S1 and S2 water storage tanks were part of the Zone F1 flushing plan. The flushing plan for Zone F1 included both water storage tanks in the five volumetric turnover calculations. The calculated turnover volume was 61.35 million gallons of water. The S1 tank was flushed by cycling the water tank for five volumetric flushes. In order to conserve the amount of water being used in the flushing of Zone F1, the S2 water storage tank was taken out of service and remains out of service to date. This decision resulted in the conservation of approximately 25 million gallons of water. The Hawaii Department of Health (HDOH) was notified of the Navy's modified flushing plan and provided concurrence. The S2 water storage tank is being scheduled for cleaning and maintenance. The Navy will provide details to HDOH on the method and procedures for cleaning and maintenance of the S2 water storage tank prior to the start of work. The Navy will notify the HDOH upon completion of the work and the tank being placed back into service.

2. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

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M. W. Meno
Captain, U.S. Navy Civil Engineer Corps

ENCL(2)

25 February 2022

MEMORANDUM FOR RECORD

SUBJECT: Inspection, Maintenance, and Cleaning of Potable Water Tanks

1. This Memorandum for Record (MFR) is to document the summary processes for inspection, maintaining, and cleaning storage tanks within the Joint Base Pearl Harbor-Hickam potable water system. There are seven potable water storage tanks. Each tank holds water that is consistently in flux – rising and falling according to the dynamic demands for water under certain pressures at specific times. As such, the tanks are continually cycling fresh water recently pumped from the well and chlorinated at the treatment plant. JBPH-H does not drain and clean the tanks per a schedule, however the following records indicate recent cleaning. Tank cleaning follows AWWA M42 - Steel Water Storage Tanks.
 - a. S1 tank inspected and cleaned in 2010, cleaned by in-house EV remediation shop, mainly to remove sediment from the tank floor.
 - b. S2 tank inspected and cleaned 2007, cleaned by in-house remediation shop, mainly to remove sediment from the tank floor.
 - c. Red Hill tank No. 685 was inspected in 2013, via remote camera vehicle
 - d. Red Hill tank No. 316 was installed in 2017 and has not yet been inspected
 - e. Camp Smith tanks (3) were inspected and cleaned in 2013.
2. As the seven tanks have not been inspected a group for several years, the Public Works Department shall funds and contract a complete inspection and cleaning for all tanks in accordance with AWWA standards by then end CY 2022.
3. Tanks are monitored and operated using a Supervisory Control and Data Acquisition (SCADA) system to ensure that they are at the right levels and pumps and valves are operating at prescribed times and speeds, overseen by Utilities staff 24/7. Our field team is regularly physically engaged with these tanks to ensure functionality, condition, and security of the tanks. There are frequent field actions near and connected to the tanks – they are routinely inspected per the requirements to manage the system.
4. As the tank hardware ages and requires repair and replacement, a tank may be isolated, drained and taken out of service to conduct this work. At these times, when work involved the interior of the tank, a full cleaning and refilling is conducted. This is typically done with a contract.
5. The S2 tank, a 6 MG tank that, with the S1 tank, provides the ability to keep pressurized water in the system for firefighting while serving the domestic demand, has been secured from the rest of the system since December 22, 2021. The water in the tank has been sampled and the results have shown a non-detect for TPH. Public work will make repairs and clean this tank within the next 90 days. The process to flush, clean and return the tank to the system is as follows:
 - a. Repair S1/S2 overflow 24" drain line with Cured-in-Place Pipe
 - b. Drain S2 tank via existing drain line, leading to the city storm drainage system
 - c. Clean and Disinfect S2 tank (Following ANSI/AWWA C652-02: Disinfection of Water-Storage Facilities)
 - d. Perform bacteriological and TPH sampling and testing
 - e. Return S2 tank to service

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CAPT R. Harmeyer
Public Works Officer
Joint Base Pearl Harbor Hickam

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22 February 2022

MEMORANDUM FOR RECORD

SUBJECT: Ford Island/Shipyard Water Transmission Line Status

1. This Memorandum for Record (MFR) is to document the status of the underwater crossing water transmission line (pipe) that connects the Ford Island and Shipyard areas of the Joint Base Pearl Harbor-Hickam Potable Water System.
2. As part of the P-209 Dry Dock 3 Replacement design effort, a contractor was performing soil borings at Hospital Point near the Shipyard. The contractor damaged the 24-inch underwater crossing during one of their borings on 15 June 21, by drilling through the casing and pipe.
3. JBPHH has begun plans for repairing or replacing this damaged line. A Design consultant is scheduled to start the design on the repairs in March of 2022. Construction funds for the repair are allocated for Fiscal Year 2023.
4. The water transmission line was secured from the JBPHH system via an isolation valve on the Ford Island side, and physical pipe removal on the Shipyard side. Enclosure [1] is a picture taken on 22 January 2022 of the physical pipe removal at Hospital Point.
5. The Ford Island isolation valve is less than 5 years old, and PWD personnel have verified in the field that there are no indications of leak-by, via audible tests and noting the lack of vibrations.
6. a pitot-style flow meter that has been sending false readings is located in the currently isolated section is, as there is no water flow in this not-in-service piping. Isolation was performed with in-house NAVFAC forces on 5 Dec 2021. PWD has not explored the root cause of the false reading, as the piping is isolated, and the meter is not used for any other purposes. Possible cause of the flow readings may be air trapped in the lines that shows pressure differentials as tide changes.

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CAPT R. Harmeyer
Public Works Officer
Joint Base Pearl Harbor Hickam



25 February 2022

MEMORANDUM FOR RECORD

SUBJECT: Joint Base Pearl Harbor-Hickam – Iroquois Point Water Connection

ENCL.: (1) Interconnection line drainage schematic

1. This Memorandum for Record (MFR) is to document the process to reopen and flush the 24" potable water system interconnection line between Iroquois Point and Bishop Point on Joint Base Pearl Harbor-Hickam.
2. Like most looped systems, the water in this interconnection flows in both directions depending on demand. On work days, when residents are typically not on Iroquois Point and the Joint Base is operating, water typically flows from west to east. On nights and weekends, the water may flow from east to west, depending on if the Kapilina Homes in Iroquois Point is operating the irrigation system, and similarly, what the demand is on the Joint Base proper from housing communities near Bishop Point. The long-term closure of the line is possible because each zone has multiple feeds. The presence of these looped interconnections allows redundancy – if one feed goes off-line for maintenance or unexpectedly, the area has a redundant feed to continue service.
3. The interconnection was secured on 05 Dec. 2021 by closing the gate valve on each end (shore) of the interconnection. The water between these valves has not moved since then. When we bring this section back online, the process will be as follows, and according to the diagram in Enclosure (1).
 - a. Secure two additional valves (126 and 130 at West Loch). See Enclosure (1).
 - b. Open valve 128 (currently shut) at West Loch
 - c. Open valve at Hickam that is currently shut
 - d. Open and flush from hydrant no. 64 at West Loch, located between valves 126 and 128.
 - e. Flush transmission line for 6-8 hours to the sanitary sewer.
 - f. Flushing, chlorination and testing of the transmission main will follow ANSI/AWWA C651-05: Disinfecting Water Mains.
 - g. Collect first sample for bacteriological testing after flushing.
 - h. Collect second sample (at least 24 hours after first sample) for bacteriological testing.
 - i. Open valves 126 and 130 and valves on Bishop Point, completing the loop.

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Public Works Officer
Joint Base Pearl Harbor Hickam

ENCL(5)

The diagram is a hand-drawn schematic of a water distribution system. It features several key components and annotations:

- Top Section:** A horizontal line represents a main water line. A blue arrow points down to it from the top of the page.
- Left Side:** A vertical line is labeled "DEWATERING". To its left, a red box contains the text "Flush from fire hydrant 64 inside EOD Compound". A red arrow points from this box to a circled node labeled "64".
- Top-Right Section:** A diagonal line is labeled "INST. 1953 20\" B.W. ACROSS CHANNEL FROM HICKAM". A blue arrow points from a box on the right to a node labeled "128" on this line. The box contains the text "Valve 128 currently shut, will need to open to flush through hydrant 64".
- Center Section:** A diagonal line is labeled "18\" C.I.". Along this line, there is a node labeled "126" and a node labeled "130". A blue arrow points from a box at the bottom to these two nodes. The box contains the text "Will need to shut valves 130 and 126 (currently open)".
- Bottom-Left Section:** A circular node is labeled "METER". To its left, there are two rectangular nodes labeled "0391" and "0345".
- Bottom-Right Section:** A diagonal line is labeled "FW 2\" PVC". A node labeled "133" is located near the intersection of this line and the "18\" C.I." line. A blue arrow points from the "130" node to the "133" node.
- Other Labels:** The word "PLUG" is written near the "126" node. The text "ENCLOSURE 1" is written in the bottom right corner.

22 February 2022

MEMORANDUM FOR RECORD

SUBJECT: Board of Water Supply Interconnection Status

Ref: [1] Management Inquiry Into Manana Booster/BWS dtd 29 Dec 2021

1. This Memorandum for Record (MFR) is to document the status of the Board of Water Supply (BWS) interconnections with the Joint Base Pearl Harbor Hickam Potable Water System. The JBPHH system has four interconnection points with BWS: (1) Puuloa Road, (2) Halawa Heights Road, (3) Manana Housing, and (4) Red Hill.
2. BWS physically removed the meters from two of the interconnections, creating an “air gap” between the BWS system and the Navy system at both the Puuloa Road location and the Halawa Heights Road location. BWS performed that work on or around 10 December 2021. PWD personnel confirmed that the meters were removed on 14 December 2021.
3. Red Hill and Manana Housing BWS interconnections are still physically connected. The Red Hill interconnection is isolated on both the BWS side and Navy side of the connection. Manana interconnection was opened on 16 November 2021, and is feeding Manana housing. Isolation valves have been secured from the Navy supply to Manana, to isolate Manana Housing from the JBPHH System (Reference [1]).
4. Prior to December 2017, there was a fifth BWS interconnection with the JBPHH system, located at Geiger Road. The Kalaeloa area of the JBPHH water system was transferred from Navy to the Kalaeloa Water Company in December 2017. The BWS interconnection was included in the transfer. Shortly after the transfer, PWD Utilities personnel physically removed the connection from West Loch to Geiger Road piping, “air gapping” the KWC system and the JBPHH system.

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Public Works Officer
Joint Base Pearl Harbor Hickam

ENCL(6)

March 3, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: ZONE F1 DISTRIBUTION SYSTEM EXCEEDANCE INVESTIGATION SUMMARY
AND RESULTS

Encl: (1) Zone F1 Stage 2 Distribution Sampling Report
(2) Zone F1 Distribution System Sampling Report
(3) DoH's Guidance on the Approach to Amending the Public Health Advisory,
Addendum 1 dtd 12 FEB 2022
(4) DoH SVOC Sample Results for Zone F1 Distribution System and Buildings
(5) DoH TPH Sample Results for Zone F1 Distribution System and Buildings

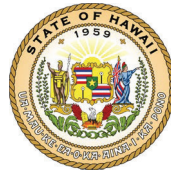
1. The Zone F1 Distribution System sampling results are listed in enclosures (1) and (2). Enclosure (1) contains the initial distribution system sample results for Zone F1. Enclosure (2) documents additional distribution samples that were taken in Zone F1. The samples of the distribution system were taken at the hydrants. The categories of the results are broken down into non-detect, detect below limit levels, and exceedance. A non-detect occurs when the laboratory does not detect a measurable amount of an analyte. A detect below limit levels occurs when the laboratory detects a measurable amount of an analyte below Incident Specific Parameters (ISPs), Department of Health (DoH) Environmental Action Levels (EALs) or Maximum Contaminant Levels (MCLs), or Environmental Protection Agency (EPA) MCLs. An exceedance occurs when the laboratory detects a chemical and the amount detected is higher than established acceptable thresholds. All chemical and metal detections are shown in enclosures (1) and (2). The various agency limits are listed for reference and the result along with the location of the exceedance sample is listed in tabular form. Results highlighted in yellow exceed the ISP. Results in purple font also exceed the EAL. Results in green font also exceed the DOH MCL. Results in blue font also exceed the EPA MCL.

3. Enclosure (3) sets the DOH project screening level for copper at the MCL of 1,300 parts per billion (ppb). Enclosure (4) and enclosure (5) are the test results for samples taken by DoH. There were no exceedances above the MCL and no exceedances of ISPs that required further action. Based on all of the information presented above, no further action was required regarding the distribution system for Zone F1. The laboratory reports will be made publically available at <https://jbphh-safewaters.org/> upon amendment of the health advisory for Zone F1.

4. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

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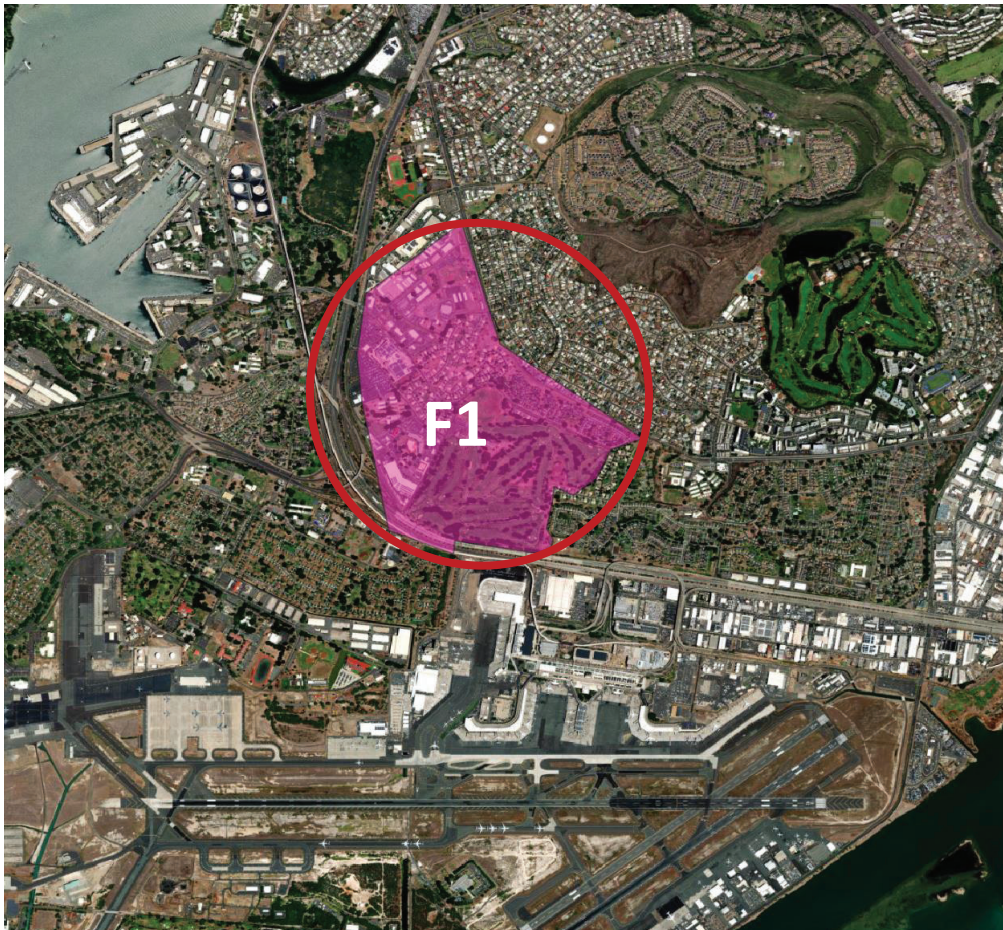
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Interagency Drinking Water System Team

Drinking Water Distribution System Recovery Plan: *Stage 2 Sampling* *Results for Zone F1*

Joint Base Pearl Harbor-Hickam (JBPHH)
26 January 2022



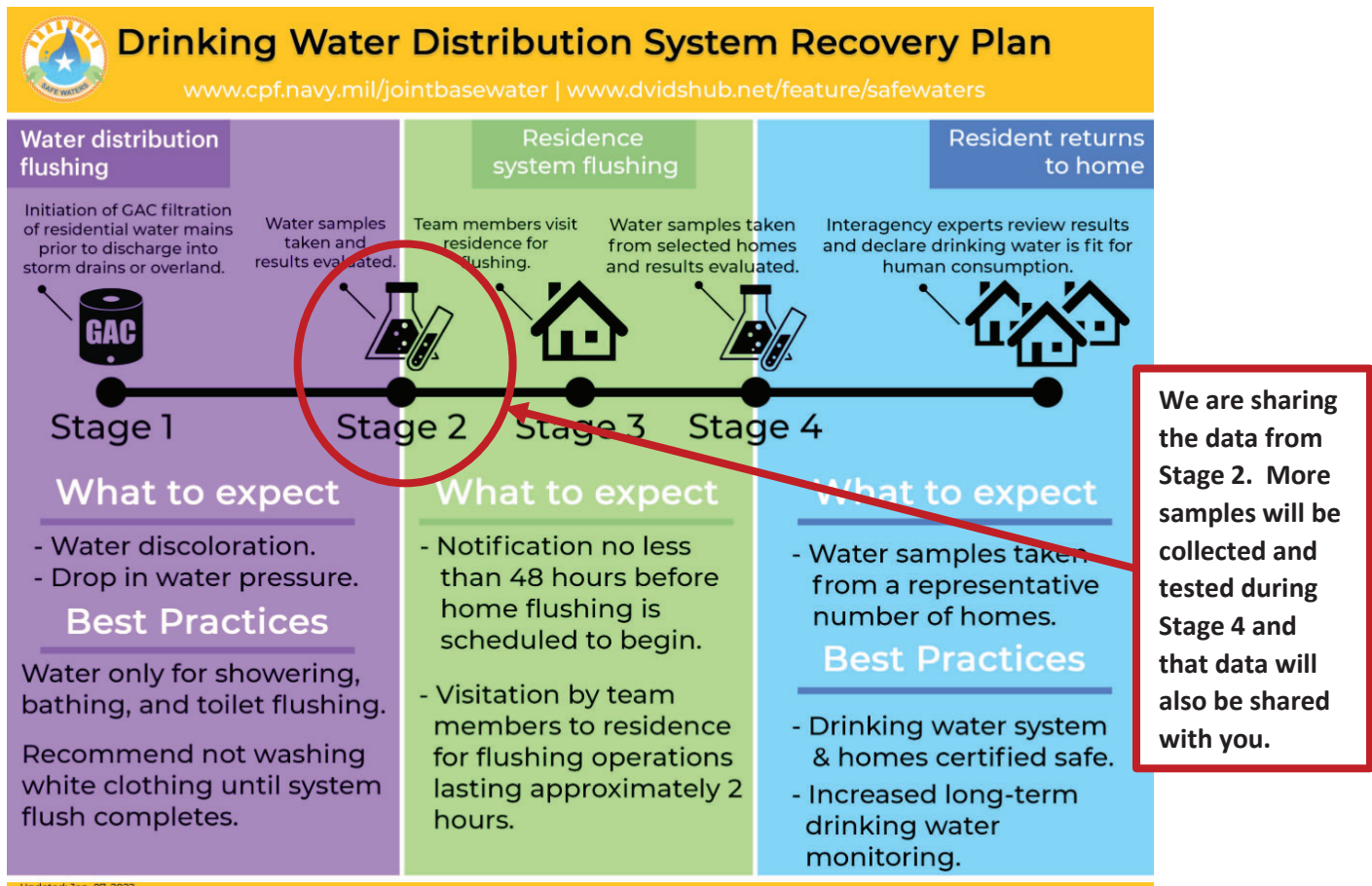
Neighborhoods included in Zone F1: Moanalua Terrace and NEX

EXECUTIVE SUMMARY FOR ZONE F1

The State of Hawaii Department of Health's (DOH) November 29, 2021 [Public Health Advisory for the JPBHH Public Water System](#) for Zone F1 remains in effect. DOH recommends all Navy water system users should avoid using the water for drinking, cooking, or oral hygiene. This includes consumption by pets. Navy water system users who detect a fuel-like odor from their water should also avoid using the water for bathing, dishwashing or laundry.

We have thoroughly flushed, sampled, and tested the water distribution system lines (Water Mains) in Zone F1. This Zone has moved to Stage 3—Building Flushing/Stage 4—Building Sampling, in the Drinking Water Distribution System Recovery Plan (see the Figure below). Based on the samples collected and tested, to date, this water meets all U.S. Environmental Protection Agency (EPA) and State of Hawaii Department of Health (DOH) standards that are applicable to the Navy Water System Incident.

No final conclusions or recommendations can be made at this time for the drinking water in your zone because more drinking water samples are being collected and tested from Water Mains, residences, buildings, schools, and child development centers (after they have been flushed). We are sharing this information to keep you updated on our progress towards restoring the water supply being provided to your community.



For additional information, please visit: <https://www.cpf.navy.mil/JPBHH-Water-Updates/>.

Table 1. Contaminants Detected in Drinking Water Samples Collected from Water Mains in Zone F1

Contaminant	Sampling Date	Units	DOH Project Screening Level	Basis of DOH Screening Level ²	Highest Level Detected	Meets DOH Screening Level? (Yes / No)	Typical Source of Contaminant
Contaminants of Concern¹							
Benzene	01/05/2022	ppb	5	MCL	ND	Yes	Discharge from factories; Leaching from gas storage tanks and landfills
Ethylbenzene	01/05/2022	ppb	700	MCL	ND	Yes	Discharge from petroleum refineries
Toluene	01/05/2022	ppb	1000	MCL	ND	Yes	Discharge from petroleum factories
m,p-Xylenes	01/05/2022	ppb	10000	MCL	ND	Yes	Discharge from petroleum factories; Discharge from chemical factories
o-Xylenes	01/05/2022	ppb	10000	MCL	ND	Yes	
1-Methylnaphthalene	01/05/2022	ppb	2.1	ISP	ND	Yes	Used to make other chemicals such as dyes, and resins; also, present in cigarette smoke, wood smoke, tar, asphalt, and at some hazardous waste sites
2-Methylnaphthalene	01/05/2022	ppb	4.7	ISP	ND	Yes	Used to make other chemicals such as dyes, and resins; also used to make vitamin K; and is present in cigarette smoke, wood smoke, tar, asphalt, and at some hazardous waste sites
Naphthalene	01/05/2022	ppb	12	ISP	ND	Yes	Naphthalene is found in coal tar or crude oil and is used in the manufacture of plastics, resins, fuels, and dyes, and as a fumigant
Lead	01/05/2022	ppb	15	ISP	0.7	Yes	Corrosion of household plumbing systems; Erosion of natural deposits
Total Petroleum Hydrocarbons (TPH)-Gasoline	01/05/2022	ppb	200	ISP	ND	Yes	Gasoline is a petroleum product that can contaminate drinking water through spills and other releases into the environment
TPH-Diesel	01/05/2022	ppb	200	ISP	ND	Yes	Diesel is a petroleum product that can contaminate drinking water through spills and other releases into the environment
TPH-Oil	01/05/2022	ppb	200	ISP	ND	Yes	Oil is a petroleum product that can contaminate drinking water through spills and other releases into the environment
Total Organic Carbon (TOC)	01/05/2022	ppb	2000	ISP	ND	Yes	Naturally present in the environment, but also can be an indicator of contamination, including petroleum or other sources

Contaminant	Sampling Date	Units	DOH Project Screening Level	Basis of DOH Screening Level ²	Highest Level Detected	Meets DOH Screening Level ¹ ? (Yes / No)	Typical Source of Contaminant
Metals							
Arsenic	01/05/2022	ppb	10	MCL	1.2	Yes	Erosion of natural deposits; Runoff from
Barium	01/05/2022	ppb	2000	MCL	2.2	Yes	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Chromium	01/05/2022	ppb	100	MCL	2.2	Yes	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; Runoff from waste batteries and paints
Copper	01/05/2022	ppb	1300	AL	5.7	Yes	Corrosion of household plumbing systems; Erosion of natural deposits
Mercury [inorganic]	01/05/2022	ppb	2	MCL	0.058	Yes	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland
Volatile Organic Compounds - ND							
Synthetic Organic Compounds (SOCs) or Semi-Volatile Organic Compounds (SVOCs) - ND							

Notes:

1. These contaminants are listed whether detected or non-detected (ND) because these are incident specific. All other contaminants are only listed if detected.
2. DOH uses multiple criteria to assess the safety of the drinking water including maximum contaminant levels (MCLs) previously established environmental action levels (EALs) and incident specific parameters (ISPs).
3. Acronyms and explanation of terms used in this table are presented on the following pages. For assistance in understanding and interpreting information in this table, refer to FACT SHEET, Understanding You Water Quality Summary Table, available online at: <https://www.cpf.navy.mil/IBPHH-Water-Updates/>.
4. For more information regarding Total Petroleum Hydrocarbons, refer to the FACT SHEET What Are Petroleum Hydrocarbons?, available online at: https://health.hawaii.gov/about/files/2021/12/21.12.16_What-Are-Petroleum-Hydrocarbons.pdf.

Drinking Water Distribution System Recovery Plan: Stage 2 Sampling Results for Zone F1

What is the purpose of this Stage 2 Sampling Results Report?

This is a progress report and presents the testing results from drinking water distribution system samples that have been collected, to date, from the water distribution system lines (Water Mains) in your Zone. These samples were collected after extensive flushing of the distribution system was performed using clean water from the Navy Waiawa Shaft. This is Stage 2 of the 4-Stage process described in the [Drinking Water Distribution System Recovery Plan](#).

No final conclusions or recommendations can be made at this time for the drinking water in your zone because more drinking water samples are being collected and tested from Water Mains, residences, buildings, schools, and child development centers. We are sharing this information to keep you updated on our progress towards restoring the water supply being provided to your community.

What was found?

The table presented above (Table 1) presents all contaminants that were detected in drinking water samples that have been collected, to date, from the Water Mains in your Zone during Stage 2. Hawaii DOH used multiple standards/criteria (called DOH Project Screening Levels) to assess the safety of the drinking water to include:

- EPA and Hawaii DOH Maximum Contaminant Levels (MCLs) standards for drinking water,
- Previously established Environmental Action Levels (EALs); and
- Incident Specific Parameters (ISPs).

Based on these data, this Zone moved to Stage 3—Building/Home Flushing, in the [Drinking Water Distribution System Recovery Plan](#).

What contaminants were tested?

Drinking water, including bottled water, can contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants tested can be obtained by calling the Hawaii DOH Safe Drinking Water Branch at 808-586-4258.

In order to ensure that drinking water is safe to drink, EPA and Hawaii DOH regulate the amount of certain contaminants in water provided by public water systems. The primary categories of monitored contaminants include volatile organic compounds (VOCs), synthetic organic chemicals (SOCs)/semi-volatile organic compounds (SVOCs), metals, Total Petroleum Hydrocarbons (TPH), Total Organic Carbon (TOC) chlorine and pH. A description of these contaminant categories can be found under Explanation of Terms located at the end of this report. The full list of contaminants that were tested for are

presented in the laboratory reports are located at: <https://www.cpf.navy.mil/JPBPHH-Water-Updates/>.

What happened leading up to Public Health Advisory being issued?

After receiving reports of a fuel-like smell or visual sheen in the drinking water from residents of Joint Base Pearl Harbor – Hickam (JPBPHH) on November 28, 2021, the Navy immediately stopped using water from the Red Hill Shaft. Out of abundance of caution, the Navy also stopped using water from the Navy Aiea Halawa Shaft. The Navy's water system provides drinking water to JPBPHH, including the Army, Air Force, Marine Corps, and Hawaii residents in some neighborhoods close to JPBPHH. The Hawaii DOH issued a [Public Health Advisory on November 29, 2021](#). The Hawaii DOH, the United States Environmental Protection Agency (EPA), Navy, and Marine Corps Public Health Center, and Army formed the Interagency Drinking Water System Team (IDWST) to work on a coordinated effort to restore safe drinking water to all Navy Water System users.

Has the Public Health Advisory been amended or lifted?

No. Please continue to follow the Public Health Advisory for Navy Water System users and only use your drinking water for non-consumptive purposes as long as your water does not have a visible sheen and remains odor free. Your service may have provided more restrictive guidance. As stated above, we are at Stage 2 of the 4-Stage process described in the Drinking Water System Recovery Plan and the Public Health Advisory will be re-evaluated by Hawaii DOH after Stage 4 in the process.

Where does our water come from?

The source of all water for all Navy Water System users now comes only from the Navy Waiawa Shaft, which was not impacted by the release of Jet Fuel (JP-5) that occurred at Red Hill in late November 2021. The Waiawa Shaft has been sampled and EPA and DOH confirmed that it meets all federal and state drinking water standards and it will continue to be sampled in accordance with EPHA and DOH requirements.

What is the IDWST doing to clean the drinking water distribution system?

The IDWST evaluated multiple options for cleaning the Navy drinking water distribution system and determined that high-volume flushing of the Navy drinking water distribution system (all water mains/laterals/buildings) with 3 to 5 volumes of clean water from the Waiawa Shaft, followed by extensive testing to confirm that flushing worked, would restore safe drinking water to all Navy Water System users.

When was Water Main flushing conducted in Zone F1?

The final round of distribution water main flushing in Zone F1 was completed on January 03, 2022.

How much water was flushed through the water distribution system in Zone F1?

From December 20, 2021 – January 03, 2022, a total of 30.7 million gallons was flushed through Zone F1.

Where can I get more information about the potential health effects associated with these contaminants?

Hawaii Department of Health (DOH)

<https://health.hawaii.gov/about/navy-water-system-quality-updates/>.

Call the DOH Safe Drinking Water Branch at 808-586-4258

US Environmental Protection Agency (EPA)

<https://www.epa.gov/ground-water-and-drinking-water/forms/online-form-epas-office-ground-water-and-drinking-water>.

Call EPA Region 9's Environmental Information Center at 1-866-372-9378

See the FACT SHEET, Understanding Your Water Quality Summary Table, available online at: <https://www.cpf.navy.mil/JBPHH-Water-Updates/>.

Acronyms used in the Table

AL	Action Level (for Lead and Copper)
DOH	Hawaii Department of Health
EAL	Environmental Action Level
EPA	U.S. Environmental Protection Agency
ISP	Incident Specific Parameter
MCL	Maximum Contaminant Level
ND	Non-Detect
ppb	parts per billion (or ug/L)
SDWA	Safe Drinking Water Act
SOCs	Synthetic Organic Compounds (also known as SVOCs)
SVOCs	Semi-Volatile Organic Compounds (same as SOC's)
TPH	Total Petroleum Hydrocarbons
TOC	Total Organic Carbon
ug/L	micrograms per liter (or ppb)
VOCs	Volatile Organic Compounds

Explanation of Terms used in this Report

Action Level (AL). This AL is for Lead and Copper. The AL is a measure of the effectiveness of the corrosion control treatment in water systems. The AL is not a standard for establishing a safe level of lead or copper. The AL is the point at which certain provisions of the proposed standards must be initiated.

Contaminant. Contaminant is any physical, chemical, biological, or radiological substance or matter in water, and can be either healthy or unhealthy, depending on the particular substance and concentration. It could also be a physical parameter monitored like pH or temperature.

Incident Specific Parameters (ISP). To more comprehensively monitor and respond to this specific petroleum contamination of drinking water, the DOH identified contaminants that require additional action prior to amending the Health Advisory. The ISP is used as a line of evidence to evaluate the data generated in each Zone during the investigation conducted by the IDWST.

Maximum Contaminant Level (MCL). An MCL is the maximum permissible level of a contaminant in water which is delivered to any user of a public water system. The MCL is set to protect the public from acute and chronic health risks associated with consuming water containing these contaminants.

Metals. Metals are chemicals that are not derived from living sources and in general do not contain carbon. Metals include antimony, arsenic, asbestos, barium, beryllium, cadmium, chromium, copper, cyanide, fluoride, lead, mercury, nitrate, nitrite, selenium, and thallium. These contaminants get into drinking water supplies through industrial discharge or spills, erosion of natural deposits, corrosion, sewage discharge, fertilizer runoff, and other sources.

Project Specific Screening Level. DOH uses multiple criteria to assess the safety of the drinking water including maximum contaminant levels (MCLs), previously established environmental action levels (EALs) and incident specific parameters (ISPs).

Synthetic Organic Compounds (SOCs)/Semi-Volatile Organic Compounds (SVOCs). SOCs and SVOCs may be used interchangeably and are man-made, organic (carbon-based) chemicals that are less volatile than Volatile Organic Contaminants (VOCs). They are used as pesticides, defoliants, fuel additives, and as ingredients for other organic chemicals.

Tier 1 Environmental Action Level (EAL). Tier 1 Environmental Action Levels (Tier 1 EALs) are concentrations of contaminants in drinking water and other media (e.g., soil, soil gas, and groundwater) below which the contaminants are assumed to not pose a significant threat to human health or the environment. Exceeding the Tier 1 EAL does not necessarily indicate that contamination at the site poses environmental hazards but generally warrants additional investigation.

Total Petroleum Hydrocarbons (TPH). TPH is a term used to describe a large family of several hundred chemical compounds that come from crude oil. Crude oil is used to make petroleum products, which can contaminate the environment. TPH is grouped by TPH-Gasoline, TPH-Diesel, and TPH-Oil.

Total Organic Carbon (TOC). TOC is naturally present in the environment, but also can be an indicator of contamination, including petroleum or other sources.

Units. A unit is the concentration of contaminant found in the water. For this report, the units are expressed in U.S. Standard Units.

U.S. Standard Unit (Name)	Acronym	Equivalent International System of Units (Name)	Acronym
parts per million	ppm*	milligrams per Liter	mg/L
parts per billion	ppb*	micrograms per Liter	ug/L

*One (1) part per million (ppm) is 1,000 parts per billion (ppb).

Volatile Organic Compounds (VOCs). VOCs are a class of chemicals that contain carbon and evaporate, or volatilize, easily into air at room temperature. VOCs are found in a variety of commercial, industrial, and residential products, including gasoline, solvents, cleaners and degreasers, paints, inks and dyes, and pesticides.

**F1 Zone Distribution Sampling
Chemistry Results**
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-HYD009A F1-HYD014A F1-HYD017B F1-HYD028A F1-HYD029A F1-HYD037A F1-HYD0609
 Residence: Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant
 Field Sample ID: FH ID: FH:9A FH ID: FH:14A FH ID: FH:17B FH ID: FH:28A FH ID: FH:29A FH ID: FH:37A FH ID: FH:609
 Sample Date: 220114-F1-ZT06 220114-F1-ZT05 220113-F1-ZT06 2022-01-14 2022-01-13 2022-01-14 2022-01-13
 Sample Type: N N N N N N N

GENCHEM (mg/L)	Incident Specific Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: C22A021	SDG: C22A021	SDG: C22A015	SDG: C22A021	SDG: C22A015	SDG: C22A021	SDG: 810122611
Total Organic Carbon	2	None	None	None	0.200 U	0.200 U	1.53	0.200 U	0.200 U	0.200 U	0.250 U
HC (µg/L)	Incident Specific Groundwater Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 5801093331	SDG: 5801093331	SDG: 5801093331	SDG: 5801093331	SDG: 5801093331	SDG: 5801093331	SDG: 5801093331
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	470 U	460 U	93.0 U	56.0 J	92.0 U	46.0 U	93.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	100 UJ	100 UJ	31.0 U	100 UJ	31.0 U	100 UJ	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	94.0 U	92.0 U	180 U	93.0 U	180 U	93.0 U	190 U
HERB (µg/L)	Incident Specific Groundwater Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 980848	SDG: 980848	SDG: 980546	SDG: 980855	SDG: 980546	SDG: 980857	SDG: 980534
Pentachlorophenol	None	None	None	None	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
METAL (µg/L)	Incident Specific Groundwater Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 980848	SDG: 980848	SDG: 980546	SDG: 980855	SDG: 980546	SDG: 980857	SDG: 980534
Antimony	6	6	6	6	0.110 U	0.110 U	0.110 U	0.110 U	0.110 U	0.130 J	0.110 U
Arsenic	10	10	10	10	0.230 J	0.310 J	0.230 J	0.360 J	0.210 U	0.290 J	0.280 J
Berium	220	220	2000	2000	2.30	2.20	2.20	2.00	2.40	4.20	3.50
Beryllium	0.66	0.66	4	4	0.0910 U	0.0910 U	0.0910 U	0.0910 U	0.0910 U	0.0910 U	0.0910 U
Cadmium	3	3	5	5	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U	0.0290 U
Chromium	11	11	100	100	1.30	1.30	1.50	1.20	1.80	1.30	0.680 J
Copper	2.9	2.9	1300	1300	4.60	3.10	2.20	3.20	2.90	4.30	2.90
Lead	15	5.6	15	15	1.00	0.370 J	0.500	0.960	0.980	0.880	0.460 J
Mercury	0.025	0.025	2	2	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U
Selenium	5	5	50	50	1.10 J	1.40 J	0.830 J	1.60 J	0.740 J	0.770 J	0.560 J
Thallium	2	2	2	2	0.0410 U	0.0420 J	0.0410 U	0.0410 U	0.0410 U	0.0410 U	0.0410 U
SVOC (µg/L)	Incident Specific Groundwater Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 810122631	SDG: 810122631	SDG: 810122611	SDG: 810122631	SDG: 810122611	SDG: 810122631	SDG: 810122611
1-Methylnaphthalene	2.1	10	None	None	0.0190 U	0.0190 U	0.0200 U	0.0190 U	0.0200 U	0.0190 U	0.0200 U
2-Ethylhexyl adipate	None	None	None	None	--	--	0.590 U	--	0.590 U	--	0.590 U

**F1 Zone Distribution Sampling
Chemistry Results**
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-HYD0089A F1-HYD014A F1-HYD017B F1-HYD028A F1-HYD029A F1-HYD037A F1-HYD0609
Location Type: Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant
Residence: FH ID: FH:9A FH ID: FH:14A FH ID: FH:17B FH ID: FH:28A FH ID: FH:29A FH ID: FH:37A FH ID: FH:609
Field Sample ID: 220114-F1-ZT06 220114-F1-ZT05 220113-F1-ZT06 220114-F1-ZT01 220113-F1-ZT04 220114-F1-ZT04 220113-F1-WT05
Sample Date: 2022-01-14 2022-01-14 2022-01-13 2022-01-14 2022-01-13 2022-01-14 2022-01-13
Sample Type: N N N N N N N

SVOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	Environmental Protection Agency Maximum Contaminant Levels						
					SDG: 810122631	SDG: 810122631	SDG: 810122611	SDG: 810122631	SDG: 810122611	SDG: 810122631	SDG: 810122611
2-Methylnaphthalene	4.7	10	None	None	0.0190 U	0.0190 U	0.0200 U	0.0190 U	0.0200 U	0.0190 U	0.0200 U
Atachlor	None	None	None	None	--	--	0.0490 U	--	0.0490 U	--	0.0490 U
Atrazine	None	None	None	None	--	--	0.0300 U	--	0.0290 U	--	0.0290 U
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00970 U	0.00960 U	0.00990 U	0.00970 U	0.00980 U	0.00960 U	0.00980 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.580 U	0.580 U	0.580 U	0.580 U	0.590 U	0.580 U	0.590 U
Chlordane	None	None	None	None	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U
Endrin	None	None	None	None	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
gamma-BHC (Lindane)	None	None	None	None	0.00700 U	0.00700 U	0.00700 U	0.00700 U	0.00700 U	0.00700 U	0.00700 U
Heptachlor	None	None	None	None	0.00300 U	0.00300 U	0.00300 U	0.00300 U	0.00300 U	0.00300 U	0.00300 U
Heptachlor epoxide	None	None	None	None	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U	0.00500 U
Hexachlorobenzene	0.0003	0.0003	1	1	0.00970 U	0.00960 U	0.00990 U	0.00970 U	0.00980 U	0.00960 U	0.00980 U
Hexachlorocyclopentadiene	50	None	50	50	0.00970 U	0.00960 U	0.00990 U	0.00970 U	0.00980 U	0.00960 U	0.00980 U
Methoxychlor	None	None	None	None	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U	0.0320 U
Naphthalene	12	17	None	None	0.0190 U	0.0190 U	0.0200 U	0.0190 U	0.0200 U	0.0390 J	0.0200 U
PCB-1016 (Aroclor 1016)	None	None	None	None	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U	0.0220 U
PCB-1221 (Aroclor 1221)	None	None	None	None	0.0790 U	0.0790 U	0.0790 U	0.0790 U	0.0790 U	0.0790 U	0.0790 U
PCB-1232 (Aroclor 1232)	None	None	None	None	0.0850 U	0.0850 U	0.0850 U	0.0850 U	0.0850 U	0.0850 U	0.0850 U
PCB-1242 (Aroclor 1242)	None	None	None	None	0.0720 U	0.0720 U	0.0720 U	0.0720 U	0.0720 U	0.0720 U	0.0720 U
PCB-1248 (Aroclor 1248)	None	None	None	None	0.0230 U	0.0230 U	0.0230 U	0.0230 U	0.0230 U	0.0230 U	0.0230 U
PCB-1254 (Aroclor 1254)	None	None	None	None	0.0350 U	0.0350 U	0.0350 U	0.0350 U	0.0350 U	0.0350 U	0.0350 U
PCB-1260 (Aroclor 1260)	None	None	None	None	0.0330 U	0.0330 U	0.0330 U	0.0330 U	0.0330 U	0.0330 U	0.0330 U
Simazine	None	None	None	None	--	--	0.0300 U	--	0.0290 U	--	0.0290 U

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	Environmental Protection Agency Maximum Contaminant Levels						
					SDG: DA40924	SDG: DA40924	SDG: C22A015	SDG: DA40924	SDG: C22A015	SDG: DA40924	SDG: C22A015
1,1,1-Trichloroethane	11	11	200	200	0.500 U	0.500 U	0.119 U	0.500 U	0.119 U	0.500 U	0.119 U
1,1,2-Trichloroethane	5	5	3	5	0.500 U	0.500 U	0.288 U	0.500 U	0.288 U	0.500 U	0.288 U
1,1-Dichloroethene	7	7	7	7	0.500 U	0.500 U	0.128 U	0.500 U	0.128 U	0.500 U	0.128 U
1,2,4-Trichlorobenzene	70	70	70	70	0.500 U	0.500 U	0.318 U	0.500 U	0.318 U	0.500 U	0.318 U
1,2-Dichlorobenzene	10	10	600	600	0.500 U	0.500 U	0.272 U	0.500 U	0.272 U	0.500 U	0.272 U
1,2-Dichloroethane	5	5	5	5	0.500 U	0.500 U	0.0884 U	0.500 U	0.0884 U	0.500 U	0.0884 U
1,2-Dichloropropane	5	5	5	5	0.500 U	0.500 U	0.129 U	0.500 U	0.129 U	0.500 U	0.129 U
1,4-Dichlorobenzene	5	5	75	None	0.500 U	0.500 U	0.245 U	0.500 U	0.245 U	0.500 U	0.245 U

**F1 Zone Distribution Sampling
Chemistry Results**
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-HYD009A F1-HYD014A F1-HYD017B F1-HYD028A F1-HYD029A F1-HYD037A F1-HYD0609
 Location Type: Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant Hydrant
 Residence: FH ID: FH9A FH ID: FH14A FH ID: FH17B FH ID: FH28A FH ID: FH29A FH ID: FH37A FH ID: FH609
 Field Sample ID: 220114-F1-ZT06 220114-F1-ZT05 220113-F1-ZT06 220114-F1-ZT01 220113-F1-ZT04 220114-F1-ZT04 220113-F1-WT05
 Sample Date: 2022-01-14 2022-01-14 2022-01-13 2022-01-14 2022-01-13 2022-01-14 2022-01-13
 Sample Type: N N N N N N N

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: DA40924	SDG: DA40924	SDG: C22A015	SDG: DA40924	SDG: C22A015	SDG: DA40924	SDG: C22A015
Benzene	5	5	5	5	0.500 U	0.500 U	0.0846 U	0.500 U	0.0846 U	0.500 U	0.0846 U
Carbon Tetrachloride	5	5	5	5	0.500 U	0.500 U	0.165 U	0.500 U	0.165 U	0.500 U	0.165 U
Chlorobenzene	25	25	100	100	0.500 U	0.500 U	0.146 U	0.500 U	0.146 U	0.500 U	0.146 U
cis-1,2-Dichloroethene	70	70	70	70	0.500 U	0.500 U	0.0570 U	0.500 U	0.0570 U	0.500 U	0.0570 U
Ethylbenzene	700	7.3	700	700	0.500 U	0.500 U	0.141 U	0.500 U	0.141 U	0.500 U	0.141 U
m,p-Xylene	10000	13	None	None	0.500 U	0.500 U	0.317 U	0.500 U	0.317 U	0.500 U	0.317 U
Methylene chloride	5	5	5	5	0.500 U	0.500 U	2.15 U	0.500 U	2.15 U	0.500 U	2.15 U
o-Xylene	10000	13	None	None	0.500 U	0.500 U	0.157 U	0.500 U	0.157 U	0.500 U	0.157 U
Styrene	10	10	100	100	0.500 U	0.500 U	0.224 U	0.500 U	0.224 U	0.500 U	0.224 U
Tetrachloroethene (PCE)	5	5	5	5	0.500 U	0.500 U	0.125 U	0.500 U	0.125 U	0.500 U	0.125 U
Toluene	1000	9.8	1000	1000	0.500 U	0.500 U	0.120 U	0.500 U	0.120 U	0.500 U	0.120 U
trans-1,2-Dichloroethene	100	100	100	100	0.500 U	0.500 U	0.0958 U	0.500 U	0.0958 U	0.500 U	0.0958 U
Trichloroethene (TCE)	5	5	5	5	0.500 U	0.500 U	0.0574 U	0.500 U	0.0574 U	0.500 U	0.0574 U
Vinyl chloride	2	2	2	2	0.500 U	0.500 U	0.611 U	0.500 U	0.611 U	0.500 U	0.611 U

Notes:

– indicates that the sample was Not Analyzed for the analyte

Results highlighted yellow exceed the ISP
 Results in purple font also exceed the EALs
 Results in green font also exceed the DOH MCL
 Results in blue font also exceed the EPA MCL

µg/L = Micrograms per Liter



Kathleen Ho

02/12/2022

KATHLEEN S. HO

Deputy Director of Environmental Health

DATE

DOH's Guidance on the Approach to Amending the Public Health Advisory, Addendum 1

Public Health Advisory initiated November 29, 2021

Joint Base Pearl Harbor-Hickam Public Water System No. 360

HEER Incident Case No.: 20211128-1848

Purpose: This guidance provides the criteria that the Hawaii Department of Health (DOH) will be using to **amend** the Public Health Advisory (Advisory) issued on November 29, 2021.

DOH's priority is to protect the public health of the people of Hawaii. The guidance is based on "lines of evidence" (Table 1) that must be met before DOH will amend the health advisory and issue notices that the water can be used for drinking. The Navy must also commit to following the long-term monitoring (LTM) of system water quality for this incident under the IDWST Drinking Water Sampling Plan, as amended.

Background: A chemical release of petroleum, which is a hazardous substance, entered the Joint Base Pearl Harbor-Hickam (JBPHH) drinking water distribution system and the Red Hill Shaft. This release triggered an emergency response and DOH issuance of an Advisory on November 29, 2021. State and Federal Drinking Water (DW) Maximum Contaminant Levels (MCLs) under the Safe Drinking Water Act do not adequately address petroleum contamination of drinking water. DOH has established Environmental Action Levels (EALs) and Incident Specific Parameters (ISPs) to more comprehensively monitor and respond to petroleum contaminated drinking water. Any contaminants that exceed the State and Federal DW MCLs, EALs, or ISPs require additional action prior to amending the Advisory. Lines of evidence will be achieved by evaluating the data generated during the investigation conducted by the Interagency Drinking Water System Team (IDWST). The data will be assessed for each Flushing Zone of the Drinking Water Distribution System Recovery Plan. All lines of evidence will require documentation.

DOH Project Screening Levels: State and Federal Drinking Water MCLs, specified State EALs, and ISPs are considered in development of Project Screening Levels. The actions for the thresholds for each contaminant are listed in Tables 2 and 3.

Table 1: Lines of Evidence Under Evaluation

1. Ensure no contamination is entering the water system.		
Objective	Lines of Evidence	Incident Specific Criteria
1a	All reported sources of contamination are isolated and contained.	Contamination from Red Hill Shaft is isolated from Navy's water distribution system.
1b	The regulated public water system's water quality data is compliant.	Data meets Federal DW MCLs, specified State EALs, and ISPs.
1c	No additional contamination through the distribution system is occurring.	Cross Connection Control investigation shows distribution system is protected, resulting in no additional sources of contamination.
2. Ensure no contamination remains in the system and water chemistry concerns are addressed.		
Objective	Lines of Evidence	Incident Specific Criteria
2a	Water within the distribution system meets State and Federal DW MCLs, specified State EALs, and ISPs.	<ul style="list-style-type: none"> • Zone flushing plan demonstrates entire distribution system is flushed. • Certification of Water Storage Tank(s) Flushing. • Sample results show the water in distribution system meets State and Federal DW MCLs, specified State EALs, and ISPs. • Drinking water does not show sheen, olfactory evidence, or other qualitative methods of petroleum.
2b	Water in premise plumbing of homes/buildings meets State and Federal DW MCLs, specified State EALs, and ISPs.	<ul style="list-style-type: none"> • Flushing Plan includes procedures to ensure no service connections will re-contaminate the distribution system. • Certification of Completed Irrigation Line Flushing. • Sample Plan includes 72-hour stagnation to account for leaching of contaminants from premise plumbing. • Sample results show water in homes/buildings meets State and Federal DW MCLs, specified State EALs, and ISPs.

Table 2: Threshold Determinations that Drinking Water is NOT Fit For Human Consumption

If the DOH MCLs or DOH Project Screening Levels are exceeded, the Drinking Water Health Advisory shall NOT be amended and the drinking water is considered NOT fit for human consumption.

Table 2 Contaminant	DOH MCL (ug/L)	DOH Project Screening Level (ug/L)	Basis	Notes
Benzene	5	5	DOH MCL ¹	
Toluene	1,000	1,000		
Ethylbenzene	700	700		
Xylenes (total)	10,000	10,000		
JP-5 as Combined Total Petroleum Hydrocarbons (TPH)-Gasoline, Diesel, and Oil Ranges [Incident Specific Parameter]	Not Applicable	211	Release of fresh fuel and potential direct release.	The 211 ug/L screening level is based on risk-based action levels for TPH associated with JP-5 jet fuel described in a HIDOH Technical Memorandum dated January 27, 2022, revised February 12, 2022 (HIDOH 2022). The action (screening) level conservatively assumes that TPH detected in the water is associated with non-degraded, dissolved-phase, fuel in the drinking water system. The memorandum serves as an addendum to the <i>HIDOH 2017 EAL Guidance</i> ² .
1,1,1-Trichloroethane	200	200	DOH MCL ¹	
1,1,2-Trichloroethane	5	5		
1,1-Dichloroethylene	7	7		
1,2,4-Trichlorobenzene	70	70		
1,2-Dichlorobenzene	600	600		
1,2-Dichloroethane (EDC)	5	5		
1,2-Dichloropropane (DCP)	5	5		
1,4-Dichlorobenzene	75	75		
Carbon tetrachloride (CTC)	5	5		
Chlorobenzene	100	100		
cis-1,2-Dichloroethylene	70	70		
Dichloromethane	5	5		
Styrene	100	100		
Tetrachloroethylene	5	5		
trans-1,2-Dichloroethylene	100	100		
Trichloroethylene (TCE)	5	5		
Vinyl Chloride	2	2		
Benzo[a]pyrene	0.2	0.2		
Di(2-ethylhexyl)phthalate	6	6		
Antimony	6	6		
Arsenic	10	10		

Table 2 Contaminant	DOH MCL (ug/L)	DOH Project Screening Level (ug/L)	Basis	Notes
Barium	2000	2000	DOH MCL ¹	
Beryllium	4	4		
Cadmium	5	5		
Chromium	100	100	DOH AL ¹	
Copper ³	1300	1300		
Lead ³	15	15		
Mercury	2	2	DOH MCL ¹	
Selenium	50	50		
Thallium	2	2		
Dichloroethylene, 1,2- (Mixed Isomers)	70	70		
Total trihalomethanes (TTHM) (sum of chloroform, bromoform, bromodichloromethane, and dibromochloromethane).	80	80		
Total Haloacetic acids (five) (HAA5) (sum of mono-, di-, trichloroacetic acids and mono- and dibromoacetic acids).	60	60		
Bromate	10	10		
Chlorite	1000	1000		
Notes: ¹ CONTAMINANTS REGULATED BY THE SAFE DRINKING WATER BRANCH (updated 7/10/14) at https://health.hawaii.gov/sdwb/files/2014/07/MCL-Fct-2014-07-10.pdf ² HDOH, 2017, Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater – Hawaii Edition (Fall 2017): Hawai'i Department of Health, Office of Hazard Evaluation and Emergency Response. https://health.hawaii.gov/heer/guidance/lehe-and-eals/ . HDOH, 2022, Recommended Risk-Based Drinking Water Action Levels for Total Petroleum Hydrocarbons (TPH) Associated with Releases of JP-5 Jet Fuel: Hawaii Department of Health, Hazard Evaluation and Emergency Response Office, January 27, 2022, revised February 12, 2022. ³ Action Levels.				

Table 3: Threshold Concentrations to Trigger Investigation(s)

If the DOH Project Screening Level is exceeded, the Navy shall investigate the source(s) of the contamination under direction of the DOH.

Table 3 Contaminant	DOH MCL (ug/L)	DOH Project Screening Level (ug/L)	Basis	Notes
1-methylnaphthalene	None	10	HIDOH EALS Table D-1a ¹	<p>HIDOH 2017² (lowest of drinking water toxicity and taste and odor action levels). If the Project Screening Level for the listed contaminants are exceeded, the Navy shall:</p> <ol style="list-style-type: none"> 1. Notify the DOH within 24 hours of receipt of the preliminary analytical results; 2. Start the investigation of the source of the contamination pursuant to the DOH <i>Technical Guidance Manual</i>³; 3. Submit a draft Corrective Action Plan to the DOH for approval within 72 hours of receipt of the preliminary analytical results; and 4. Comply with interim actions as identified by DOH.
2-methylnaphthalene	None	10		
Naphthalene	None	17		
Total Organic Carbon (TOC) [Incident Specific Parameter]	None	2000	Additional surrogate for TPH	<p>TOC used as an additional surrogate for TPH to increase confidence in representativeness of sample data.</p> <ul style="list-style-type: none"> • While most Oahu ground water sources are closer to 1000 ug/l or below, the proposed EAL acknowledges that distribution system conditions and operational changes may cause a temporary increase in baseline TOC fluctuations. • The proposed EAL can be supported by all current EPA approved drinking water methods utilized for compliance with 40 CFR 141.132(d)(3) as revised: https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100WD1L.txt <p>Results with Detection Limits up to 1500 ug/L may be used to meet the criteria for amending the health advisory.</p>
Fuel-like Odor in the Water or Obvious Petroleum Sheen, or Dermal Irritation due to water [Incident Specific Parameter]	N/A	Present	Public Health Advisory	<p>Within 12 hours of field observations by Navy or DOH or EPA or within 24 hours of receipt of a complaint by the Navy or DOH, the Navy shall follow the <i>JBPHH Water Response Resident Resources</i> or the Water Rapid Response Team process and notify DOH of the status of the response.</p> <p>This continues to be a trigger under the Long Term Monitoring Plan.</p>

¹ HIDOH EALS Table D-1a. Groundwater Action Levels. <https://health.hawaii.gov/heer/files/2019/11/HDOH-EAL-Surfer-Fall-2017.xlsx>

² HIDOH, 2017. Evaluation of Environmental Hazards at Sites with Contaminated Soil and Groundwater – Hawaii Edition (Fall 2017): Hawaii Department of Health, Office of Hazard Evaluation and Emergency Response. <https://health.hawaii.gov/heer/guidance/ehe-and-eals/>

³ HIDOH, 2017, DOH *Technical Guidance Manual*, <https://health.hawaii.gov/heer/igm/>.

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-16-02	Radford Dr	Namur Rd	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Mollinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Phenanthrene	0.006	J	J	ug/L	Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diethylphthalate	0.17	J		ug/L	Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diethylphthalate	0.14	J	J	ug/L	Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Thioben carb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benzol(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benzol(g,h)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Butylbenzophthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorobenziolate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diethylphthalate	0.089	J	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	1-Methylnaphthalene	0.023		NJ	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2-Methylnaphthalene	0.034		NJ	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzol(g,h)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diethylphthalate	0.19	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-n-Butylphthalate	0.11	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Naphthalene	0.077	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Phenanthrene	0.009	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benzol(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diethrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diethylphthalate	0.35	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Bromacl	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Butylbenzophthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diethylphthalate	0.14	BMJ	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-04	Asher Ct	Taylor St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dur sban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U(BM)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.099	J	J	ug/L	Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Indeno[1,2,3,c,d]Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorothalonil(Dracofil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U(BM)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benzok(1)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.089	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	0.060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorothalonil (Dracofil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.087	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Phenanthrene	0.0060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Anthracene	0.0050	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diethylphthalate	0.046	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.10	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Heptachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Phenanthrene	0.0070	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diethylphthalate	0.046	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.12	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Phenanthrene	0.0060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-04	Moanalua Ridge		Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-04	Moanalua Ridge		Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	1-Methylnaphthalene	ND			ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2-Methylnaphthalene	ND			ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di(2-Ethylhexyl)phthalate	0.44	LE,BM,J	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U(LE, BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Methoxychlor	ND	U(M1)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benz(o,g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Butylbenzylphthalate	0.063	J	J	ug/L	Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-03	Taylor St	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Merribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(o,g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benzok(Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-(2-Ethylhexyl)phthalate	0.29	LE,BM,J	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Indeno[1,2,3-c,d]Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-05	Bennion	Namur Rd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Mollinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chloronob	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-(2-Ethylhexyl)phthalate	0.19	U(LE,BM)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,6-Dinitrotoluene	NI			ug/L	Not Identified	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Alapha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chloronob	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U(LE:BM)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Simazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorobenz	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di(2-Ethylhexyl)phthalate	0.69	U	U	ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Simazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benzo(k)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Bromacl	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chloronab	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di(2-Ethylhexyl)phthalate	0.40	J	J	ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Diethylphthalate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dimethoate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-n-Butylphthalate	0.10	J	J	ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-N-octylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Heptachlor Epoxide (isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Napthalene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Terbutylazine	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Thioben carb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	1-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,6-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	4,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	4,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	4,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acenaphthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acenaphthylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acetochlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Alachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Alpha-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	alpha-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Atrazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(a)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(a)pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(b)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(g,h,i)Perylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(k)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Bromacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorobenz	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di(2-Ethylhexyl)phthalate	0.39	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diethylphthalate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dimethoate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-n-Butylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-N-octylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Heptachlor Epoxide (Isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Naphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Terbuthylazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Thiobencarb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	1-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,6-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acenaphthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acenaphthylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acetochlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Alachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Alpha-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	alpha-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Atrazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(a)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(a)pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(b)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benzol(g,h,i)Perylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benzok)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Bromacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorobeb	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di(2-Ethylhexyl)phthalate	0.78	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dimethoate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-n-Butylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-n-octylphthalate	0.087	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Naphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Terbutylazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Thiobencarb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	1-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benzol(g,h)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chloronzeb	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di(2-Ethylhexyl)phthalate	0.23	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chloronob	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diethylphthalate	ND	U(LK,R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorobenz	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	DI-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	DI(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorpyrifos (Durban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di(2-Ethylhexyl)phthalate	0.36	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diethylphthalate	ND	U(LK,R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Indeno[1,2,3,c,d]Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Mollinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/5/2022	Zone F-1 Distribution			1-Methylnaphthalene	NI	U		ug/L	Not Identified	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/5/2022	Zone F-1 Distribution			Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(b)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(g,h,i)perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(k)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-(2-ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-(2-ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dibenz(a,h)anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Diethylphthalate	ND	U(BM)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Phenanthrene	ND	U(BM)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution

DOH SVOC-Results
Navy Water System Incident
Red Hill, Post-Flushing, Flushing Area F1

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/5/2022	Zone F-1 Distribution			Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution

Bold= Detects

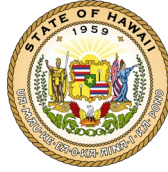
Exceeds Incident Specific Parameter (ISP)

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/5/2022	Zone F-1 Distribution			C8-C44	62		J+	ug/L	Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/14/2022	011422-48-01	FH 28A corner of Kidd St		TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	C8-C44	52	J+	U	ug/L	Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	TPH-g	33	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	C8-C44	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	C8-C44	58	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	C8-C44	56	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	C8-C44	49	J	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	C8-C44	54	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	C8-C44	45	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	C8-C44	37	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	C8-C44	42	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	TPH as Gas	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	TPH-g	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	TPH-g	64	B,J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	C8-C44	47	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	TPH-g	67	B,J	UJ	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	C8-C44	44	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	C8-C44	39	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St	Radford Dr	TPH as Gas	77	B,J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Kidd St.	Kidd St.	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	TPH as Gas	77	J,B	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diesl Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct	Moreell Dr	TPH-g	78	J,B,J	UJ	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Moreell St.	Moreell Dr	C8-C44	64	B,J	U	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diesl Range Organics (DRO)-C10-C28	51	J+	J+	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	TPH-g	82	B,J	UJ	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	C8-C44	57	U	J+	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	TPH-g	71	B,J	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	C8-C44	42	J	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	C8-C44	47	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	C8-C44	43	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	C8-C44	46	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR

Bold= Detects
Exceeds Incident Specific Parameter (ISP)



Interagency Drinking Water System Team
Zone F1 Removal Action Report
March 2022

Line of Evidence 2b

Water in Premise Plumbing of Homes/Buildings does not exceed State and Federal Drinking Water MCLs, specified State EALs, and ISPs

Table 1: Lines of Evidence Under Evaluation – Ensure no contamination remains in the system and water chemistry concerns are addressed.

Objective 2b - Water in premise plumbing of homes/buildings does not exceed State and Federal DW MCLs, specified State EALs, and ISPs.

Incident Specific Criteria –

- Flushing Plan includes procedures to ensure no service connections will re-contaminate the distribution system.
- Sample Plan includes 72-hour stagnation to account for leaching of contaminants from premise plumbing.
- Sample results show water in homes/buildings does not exceed State and Federal DW MCLs, specified State EALs, and ISPs.

Lines of Evidence	Completion Status	Outstanding Items
Flushing Plan includes procedures to ensure no service connections will re-contaminate the distribution system.	Complete	<ul style="list-style-type: none"> • None.

February 20, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: SUMMARY OF LINE OF EVIDENCE OBJECTIVE 2B – WATER IN PREMISE OF PLUMBING OF HOMES/BUILDINGS DOES NOT EXCEED STATE AND FEDERAL DW MCLs, SPECIFIED STATE EALs, AND ISPs

Encl: (1) 2b.1 Flushing Records and Distribution System Pressure Logs During Residential Flushing
(2) 2b.2 Residential Sampling Report for Flushing Zone
(3) 2b.3 Exceedance Investigation Summary and Results
(4) 2b.4 Certification of Completed Irrigation Flushing
(5) 2b.5 DOH Guidance for Active Irrigation Line Purging and Flushing

1. Enclosures (1) through (5) document completion of Line of Evidence 2b, that water in premise of plumbing of homes/buildings does not exceed State of Hawaii and Federal Drinking Water standards, Maximum Contaminate Levels, Environmental Action Levels and Incident Specific Parameters. On the evening of November 28, 2021, the Red Hill Shaft was secured from operation and all pumping operations ceased. The Aiea/Halawa shaft briefly served as the secondary source starting on November 28, 2021, but it was shut down on December 3, 2021 to prevent potential westward contaminant migration in the aquifer and because there were concerns over high chloride concentrations caused by saltwater intrusion. Since December 3, 2021, the Waiawa Shaft has been the sole water source providing potable water to the Joint Base Pearl Harbor-Hickam (JBPHH) distribution network. Zone F1 is part of the JBPHH Drinking Water system that is operated and maintained by the United States Navy. Flushing operations are summarized in Enclosure (1), signed by CDR Trevor Bingham, team lead for the Drinking Water Residential and Non-residential Recovery Team.

2. Enclosure (1) documents the flushing records for all facilities within Zone F1, as well as pressure logs for the distribution system during facility flushing operations. The completion of irrigation flushing in Zone F1, described in Enclosure (5), is documented in Enclosure (4). Sampling data collected after flushing is summarized in Enclosure (2).

3. Sample results with analyte detections exceeding the prescribed Maximum Contaminant Level (MCL), Environmental Action Level (EAL), or Incident Specific Parameter (ISP) are documented in Enclosure (3). The follow-on investigation summary and additional sampling results are also documented in Enclosure (3).

4. This information documents completion of Line of Evidence 2b, that water in premise of plumbing of homes/buildings does not exceed State of Hawaii and Federal Drinking Water standards, MCLs, EALs, or ISPs.

5. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and I believe the submitted information is true, accurate, and complete.

WETZEL.CHRISTOPHE
R.JAMES.1540194862
C. J. Wetzel
LT, CEC, USN

Digitally signed by
WETZEL.CHRISTOPHER.JAMES.1
540194862
Date: 2022.02.20 13:54:53 -08'00'

1 March 2022

MEMORANDUM

From: Naval Facilities Engineering Systems Command Representative, EWG Team
To: Interagency Drinking Water System Team

Subj: RECORDS OF COMPLETED RESIDENTIAL AND NON-RESIDENTIAL FLUSHING
ZONE F1

Ref: (a) Single Family Home Flushing Plan Checklist and Standard Operating Procedures,
December 2021
(b) Non-Residential Flushing Plan, January 2022

Encl: (1) EDMS Residential Flushing Records Zone F1
(2) EDMS Non-Residential Flushing Records Zone F1
(3) JBPHH System Pressure SCADA Data
(4) Distribution System Pressure Log Zone F1

1. This memo documents the completion of residential and non-residential flushing in Zone F1. The completed records of residential flushing, as shown in Enclosure (1), document the flushing of 752/752 homes in EDMS. Four homes in EDMS have an address that does not exist. The completed records of non-residential flushing, as shown in Enclosure (2), document the flushing of all 93 facilities in EDMS.

2. The distribution system pressure was monitored by Construction Battalion Maintenance Unit (CBMU) 303. Enclosure (4) demonstrates sustained pressure above 30 pounds per square inch (psi) during the flushing period.

3. Meter 1485, located at the Nimitz Ballfield, meter 1846, located at Nimitz B19, and meter 2550, located at the Salt Lake Church, are the nearest meters to Zone F1. Meter readings for these three meters document that the distribution system maintained a pressure of at least 30 psi for the duration of residential and non-residential flushing, as shown in Enclosure (3).

4. I certify under penalty of law that I have personally examined and I am familiar with the information submitted, and the submitted information is true, accurate, and complete.

Very respectfully,

BINGHAM.TREVOR.A
MMON.1131940048
T. A. BINGHAM
CDR, CEC, USN

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BINGHAM.TREVOR.AMMON.1131
940048
Date: 2022.03.01 12:08:52 -10'00'

Flushing Zone F1

2022-01-13 - 2022-01-21

Total Homes	Percent Complete	No Access	Flushed on Selected Dates
756	100.0 %	4	752

Zone	Address	Arrive Date	Start Time	Finish Time	Certified	Summary General Notes	Unable To Access	Access Reason
Flushing Zone F1	4001 Asher Court (F1-ASHE4001)	13-Jan-22	17:00	11:47	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4003 Asher Court (F1-ASHE4003)	14-Jan-22	10:00	11:46	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4005 Asher Court (F1-ASHE4005)	14-Jan-22	10:50	14:24	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4007 Asher Court (F1-ASHE4007)	14-Jan-22	10:50	14:25	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4009 Asher Court (F1-ASHE4009)	14-Jan-22	08:19	11:21	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4011 Asher Court (F1-ASHE4011)	14-Jan-22	22:09	13:12	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4013 Asher Court (F1-ASHE4013)	14-Jan-22	22:55	12:57	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4015 Asher Court (F1-ASHE4015)	14-Jan-22	10:25	11:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4017 Asher Court (F1-ASHE4017)	14-Jan-22	08:25	10:26	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4019 Asher Court (F1-ASHE4019)	14-Jan-22	08:32	09:35	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4021 Asher Court (F1-ASHE4021)	14-Jan-22	10:25	11:45	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4023 Asher Court (F1-ASHE4023)	14-Jan-22	09:52	11:53	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4025 Asher Court (F1-ASHE4025)	14-Jan-22	08:12	10:14	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4027 Asher Court (F1-ASHE4027)	14-Jan-22	08:10	10:12	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4029 Asher Court (F1-ASHE4029)	14-Jan-22	12:04	14:27	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	4031 Asher Court (F1-ASHE4031)	14-Jan-22	14:30	14:28	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5601 Bennion Court (F1-BENN5601)	13-Jan-22	15:21	17:21	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5603 Bennion Court (F1-BENN5603)	13-Jan-22	16:28	17:45	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5604 Bennion Court (F1-BENN5604)	13-Jan-22	15:00	18:12	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5605 Bennion Court (F1-BENN5605)	14-Jan-22	08:00	11:30	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5606 Bennion Court (F1-BENN5606)	13-Jan-22	15:21	16:19	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5607 Bennion Court (F1-BENN5607)	13-Jan-22	12:29	14:11	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5609 Bennion Court (F1-BENN5609)	13-Jan-22	12:00	14:21	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5611 Bennion Court (F1-BENN5611)	13-Jan-22	14:21	16:41	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5613 Bennion Court (F1-BENN5613)	13-Jan-22	15:04	15:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5615 Bennion Court (F1-BENN5615)	13-Jan-22	16:42	17:09	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5617 Bennion Court (F1-BENN5617)	13-Jan-22	16:41	17:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5619 Bennion Court (F1-BENN5619)	14-Jan-22	08:00	08:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5621 Bennion Court (F1-BENN5621)	14-Jan-22	10:56	11:55	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5623 Bennion Court (F1-BENN5623)	14-Jan-22	12:18	14:58	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5625 Bennion Court (F1-BENN5625)	14-Jan-22	08:45	09:44	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5627 Bennion Court (F1-BENN5627)	13-Jan-22	13:15	15:16	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5629 Bennion Court (F1-BENN5629)	13-Jan-22	15:16	18:20	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5631 Bennion Court (F1-BENN5631)	13-Jan-22	14:42	17:06	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5633 Bennion Court (F1-BENN5633)	13-Jan-22	12:35	14:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5635 Bennion Court (F1-BENN5635)	13-Jan-22	12:35	14:39	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5500 Bennion Drive (F1-BENN5500)	14-Jan-22	09:33	10:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5501 Bennion Drive (F1-BENN5501)	14-Jan-22	08:09	09:26	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5502 Bennion Drive (F1-BENN5502)	14-Jan-22	09:26	10:48	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5503 Bennion Drive (F1-BENN5503)	14-Jan-22	08:08	09:30	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5504 Bennion Drive (F1-BENN5504)	14-Jan-22	08:29	09:20	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5505 Bennion Drive (F1-BENN5505)	14-Jan-22	08:23	09:31	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5506 Bennion Drive (F1-BENN5506)	14-Jan-22	09:20	13:04	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5507 Bennion Drive (F1-BENN5507)	14-Jan-22	08:08	09:09	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5508 Bennion Drive (F1-BENN5508)	14-Jan-22	10:11	11:04	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5510 Bennion Drive (F1-BENN5510)	14-Jan-22	10:14	11:20	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5513 Bennion Drive (F1-BENN5513)	14-Jan-22	08:15	09:27	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5514 Bennion Drive (F1-BENN5514)	13-Jan-22	16:15	11:14	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5515 Bennion Drive (F1-BENN5515)	14-Jan-22	08:15	09:28	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5516 Bennion Drive (F1-BENN5516)	13-Jan-22	14:45	15:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5517 Bennion Drive (F1-BENN5517)	14-Jan-22	10:33	12:02	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5518 Bennion Drive (F1-BENN5518)	13-Jan-22	14:45	15:50	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5519 Bennion Drive (F1-BENN5519)	14-Jan-22	09:15	11:00	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5520 Bennion Drive (F1-BENN5520)	13-Jan-22	14:35	15:50	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5521 Bennion Drive (F1-BENN5521)	14-Jan-22	08:13	10:53	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5522 Bennion Drive (F1-BENN5522)	13-Jan-22	13:35	14:35	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	5523 Bennion Drive (F1-BENN5523)	14-Jan-22	08:13	10:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Flushing Zone F1

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Flushing Zone F1	5524 Bennion Drive (F1-BENNS524)	13-Jan-22	13:34	14:34	<input type="checkbox"/>	
Flushing Zone F1	5525 Bennion Drive (F1-BENNS525)	21-Jan-22	08:00	08:37	<input checked="" type="checkbox"/>	Reason(s) Selected: Other Address does not exist
Flushing Zone F1	5526 Bennion Drive (F1-BENNS526)	13-Jan-22	12:20	13:33	<input type="checkbox"/>	
Flushing Zone F1	5527 Bennion Drive (F1-BENNS527)	14-Jan-22	08:00	08:39	<input checked="" type="checkbox"/>	Reason(s) Selected: Other Address does not exist
Flushing Zone F1	5528 Bennion Drive (F1-BENNS528)	13-Jan-22	12:21	13:31	<input type="checkbox"/>	
Flushing Zone F1	5529 Bennion Drive (F1-BENNS529)	14-Jan-22	08:13	10:55	<input type="checkbox"/>	
Flushing Zone F1	5530 Bennion Drive (F1-BENNS530)	13-Jan-22	12:19	13:32	<input type="checkbox"/>	
Flushing Zone F1	5531 Bennion Drive (F1-BENNS531)	14-Jan-22	08:13	10:56	<input type="checkbox"/>	
Flushing Zone F1	5533 Bennion Drive (F1-BENNS533)	14-Jan-22	10:15	15:50	<input type="checkbox"/>	
Flushing Zone F1	5535 Bennion Drive (F1-BENNS535)	14-Jan-22	10:15	11:50	<input type="checkbox"/>	
Flushing Zone F1	5550 Bennion Drive (F1-BENNS550)	13-Jan-22	12:34	14:28	<input type="checkbox"/>	
Flushing Zone F1	5552 Bennion Drive (F1-BENNS552)	13-Jan-22	12:40	14:08	<input type="checkbox"/>	
Flushing Zone F1	5553 Bennion Drive (F1-BENNS553)	13-Jan-22	14:00	16:09	<input type="checkbox"/>	
Flushing Zone F1	5554 Bennion Drive (F1-BENNS554)	13-Jan-22	14:16	16:18	<input type="checkbox"/>	
Flushing Zone F1	5555 Bennion Drive (F1-BENNS555)	13-Jan-22	14:00	15:00	<input type="checkbox"/>	
Flushing Zone F1	5556 Bennion Drive (F1-BENNS556)	13-Jan-22	14:29	16:37	<input type="checkbox"/>	
Flushing Zone F1	5557 Bennion Drive (F1-BENNS557)	13-Jan-22	14:27	16:15	<input type="checkbox"/>	
Flushing Zone F1	5558 Bennion Drive (F1-BENNS558)	13-Jan-22	13:00	15:35	<input type="checkbox"/>	
Flushing Zone F1	5559 Bennion Drive (F1-BENNS559)	13-Jan-22	14:27	16:20	<input type="checkbox"/>	
Flushing Zone F1	5560 Bennion Drive (F1-BENNS560)	13-Jan-22	12:40	15:39	<input type="checkbox"/>	
Flushing Zone F1	5561 Bennion Drive (F1-BENNS561)	13-Jan-22	13:00	14:51	<input type="checkbox"/>	
Flushing Zone F1	5562 Bennion Drive (F1-BENNS562)	13-Jan-22	12:30	15:42	<input type="checkbox"/>	
Flushing Zone F1	5563 Bennion Drive (F1-BENNS563)	13-Jan-22	13:53	14:47	<input type="checkbox"/>	
Flushing Zone F1	5564 Bennion Drive (F1-BENNS564)	13-Jan-22	12:40	15:44	<input type="checkbox"/>	
Flushing Zone F1	5565 Bennion Drive (F1-BENNS565)	13-Jan-22	13:10	16:08	<input type="checkbox"/>	
Flushing Zone F1	5566 Bennion Drive (F1-BENNS566)	13-Jan-22	12:23	14:50	<input type="checkbox"/>	
Flushing Zone F1	5567 Bennion Drive (F1-BENNS567)	13-Jan-22	13:15	14:20	<input type="checkbox"/>	
Flushing Zone F1	5568 Bennion Drive (F1-BENNS568)	13-Jan-22	12:23	14:50	<input type="checkbox"/>	
Flushing Zone F1	5569 Bennion Drive (F1-BENNS569)	13-Jan-22	14:00	11:18	<input type="checkbox"/>	
Flushing Zone F1	5570 Bennion Drive (F1-BENNS570)	13-Jan-22	14:53	16:44	<input type="checkbox"/>	
Flushing Zone F1	5571 Bennion Drive (F1-BENNS571)	13-Jan-22	14:00	16:10	<input type="checkbox"/>	
Flushing Zone F1	5572 Bennion Drive (F1-BENNS572)	13-Jan-22	14:53	16:45	<input type="checkbox"/>	
Flushing Zone F1	5573 Bennion Drive (F1-BENNS573)	13-Jan-22	12:00	13:43	<input type="checkbox"/>	
Flushing Zone F1	5575 Bennion Drive (F1-BENNS575)	13-Jan-22	13:00	16:39	<input type="checkbox"/>	
Flushing Zone F1	5577 Bennion Drive (F1-BENNS577)	13-Jan-22	12:30	15:36	<input type="checkbox"/>	
Flushing Zone F1	5578 Bennion Drive (F1-BENNS578)	13-Jan-22	17:00	18:54	<input type="checkbox"/>	
Flushing Zone F1	5579 Bennion Drive (F1-BENNS579)	13-Jan-22	02:00	16:01	<input type="checkbox"/>	
Flushing Zone F1	5580 Bennion Drive (F1-BENNS580)	13-Jan-22	17:00	18:52	<input type="checkbox"/>	
Flushing Zone F1	5581 Bennion Drive (F1-BENNS581)	13-Jan-22	12:00	14:03	<input type="checkbox"/>	
Flushing Zone F1	5582 Bennion Drive (F1-BENNS582)	13-Jan-22	13:00	17:24	<input type="checkbox"/>	
Flushing Zone F1	5583 Bennion Drive (F1-BENNS583)	13-Jan-22	13:00	14:34	<input type="checkbox"/>	
Flushing Zone F1	5584 Bennion Drive (F1-BENNS584)	13-Jan-22	13:00	17:10	<input type="checkbox"/>	
Flushing Zone F1	5585 Bennion Drive (F1-BENNS585)	13-Jan-22	13:00	17:15	<input type="checkbox"/>	
Flushing Zone F1	5586 Bennion Drive (F1-BENNS586)	13-Jan-22	13:00	17:05	<input type="checkbox"/>	
Flushing Zone F1	5587 Bennion Drive (F1-BENNS587)	13-Jan-22	13:00	09:12	<input type="checkbox"/>	
Flushing Zone F1	5588 Bennion Drive (F1-BENNS588)	13-Jan-22	13:00	17:02	<input type="checkbox"/>	
Flushing Zone F1	5589 Bennion Drive (F1-BENNS589)	13-Jan-22	13:00	14:29	<input type="checkbox"/>	
Flushing Zone F1	5590 Bennion Drive (F1-BENNS590)	13-Jan-22	13:00	09:13	<input type="checkbox"/>	
Flushing Zone F1	5591 Bennion Drive (F1-BENNS591)	13-Jan-22	12:00	14:19	<input type="checkbox"/>	
Flushing Zone F1	5592 Bennion Drive (F1-BENNS592)	13-Jan-22	13:00	16:54	<input type="checkbox"/>	
Flushing Zone F1	4500 Cakon Place (F1-CAKO4500)	13-Jan-22	12:27	13:49	<input type="checkbox"/>	
Flushing Zone F1	4501 Cakon Place (F1-CAKO4501)	13-Jan-22	14:03	15:21	<input type="checkbox"/>	
Flushing Zone F1	4502 Cakon Place (F1-CAKO4502)	13-Jan-22	12:21	13:49	<input type="checkbox"/>	
Flushing Zone F1	4503 Cakon Place (F1-CAKO4503)	13-Jan-22	14:45	17:09	<input type="checkbox"/>	
Flushing Zone F1	4504 Cakon Place (F1-CAKO4504)	13-Jan-22	15:51	17:09	<input type="checkbox"/>	
Flushing Zone F1	4505 Cakon Place (F1-CAKO4505)	13-Jan-22	15:30	12:15	<input type="checkbox"/>	
Flushing Zone F1	4506 Cakon Place (F1-CAKO4506)	13-Jan-22	17:08	18:03	<input type="checkbox"/>	
Flushing Zone F1	4507 Cakon Place (F1-CAKO4507)	13-Jan-22	15:30	17:34	<input type="checkbox"/>	
Flushing Zone F1	4508 Cakon Place (F1-CAKO4508)	13-Jan-22	12:23	13:26	<input type="checkbox"/>	
Flushing Zone F1	4509 Cakon Place (F1-CAKO4509)	13-Jan-22	13:26	14:32	<input type="checkbox"/>	
Flushing Zone F1	4510 Cakon Place (F1-CAKO4510)	13-Jan-22	12:24	13:26	<input type="checkbox"/>	

Flushing Zone F1

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Flushing Zone F1	4511 Cakon Place (F1-CAKO4511)	13-Jan-22	14:00	14:53	<input checked="" type="checkbox"/>	
Flushing Zone F1	4512 Cakon Place (F1-CAKO4512)	13-Jan-22	15:04	16:19	<input checked="" type="checkbox"/>	
Flushing Zone F1	4513 Cakon Place (F1-CAKO4513)	13-Jan-22	12:12	13:39	<input checked="" type="checkbox"/>	
Flushing Zone F1	4514 Cakon Place (F1-CAKO4514)	13-Jan-22	15:07	17:48	<input checked="" type="checkbox"/>	
Flushing Zone F1	4515 Cakon Place (F1-CAKO4515)	13-Jan-22	12:20	13:29	<input checked="" type="checkbox"/>	
Flushing Zone F1	4516 Cakon Place (F1-CAKO4516)	13-Jan-22	16:19	17:17	<input checked="" type="checkbox"/>	
Flushing Zone F1	4517 Cakon Place (F1-CAKO4517)	13-Jan-22	13:39	17:08	<input checked="" type="checkbox"/>	
Flushing Zone F1	4518 Cakon Place (F1-CAKO4518)	13-Jan-22	16:19	17:16	<input checked="" type="checkbox"/>	
Flushing Zone F1	4519 Cakon Place (F1-CAKO4519)	13-Jan-22	13:44	15:23	<input checked="" type="checkbox"/>	
Flushing Zone F1	4520 Cakon Place (F1-CAKO4520)	13-Jan-22	15:32	16:54	<input checked="" type="checkbox"/>	
Flushing Zone F1	4521 Cakon Place (F1-CAKO4521)	13-Jan-22	14:53	16:15	<input checked="" type="checkbox"/>	
Flushing Zone F1	4522 Cakon Place (F1-CAKO4522)	13-Jan-22	15:27	16:47	<input checked="" type="checkbox"/>	
Flushing Zone F1	4523 Cakon Place (F1-CAKO4523)	13-Jan-22	15:46	17:07	<input checked="" type="checkbox"/>	
Flushing Zone F1	4400 Clarey Boulevard (F1-CLAR4400)	13-Jan-22	15:51	17:09	<input checked="" type="checkbox"/>	
Flushing Zone F1	4401 Clarey Boulevard (F1-CLAR4401)	13-Jan-22	16:29	17:43	<input checked="" type="checkbox"/>	
Flushing Zone F1	4402 Clarey Boulevard (F1-CLAR4402)	13-Jan-22	15:52	17:09	<input checked="" type="checkbox"/>	
Flushing Zone F1	4403 Clarey Boulevard (F1-CLAR4403)	13-Jan-22	16:29	14:06	<input checked="" type="checkbox"/>	
Flushing Zone F1	4404 Clarey Boulevard (F1-CLAR4404)	13-Jan-22	13:50	15:56	<input checked="" type="checkbox"/>	
Flushing Zone F1	4405 Clarey Boulevard (F1-CLAR4405)	13-Jan-22	14:44	16:10	<input checked="" type="checkbox"/>	
Flushing Zone F1	4406 Clarey Boulevard (F1-CLAR4406)	13-Jan-22	14:29	16:02	<input checked="" type="checkbox"/>	
Flushing Zone F1	4407 Clarey Boulevard (F1-CLAR4407)	13-Jan-22	12:20	14:14	<input checked="" type="checkbox"/>	
Flushing Zone F1	4408 Clarey Boulevard (F1-CLAR4408)	13-Jan-22	14:34	16:18	<input checked="" type="checkbox"/>	
Flushing Zone F1	4409 Clarey Boulevard (F1-CLAR4409)	13-Jan-22	12:22	13:43	<input checked="" type="checkbox"/>	
Flushing Zone F1	4410 Clarey Boulevard (F1-CLAR4410)	13-Jan-22	13:09	14:22	<input checked="" type="checkbox"/>	
Flushing Zone F1	4411 Clarey Boulevard (F1-CLAR4411)	13-Jan-22	14:48	16:40	<input checked="" type="checkbox"/>	
Flushing Zone F1	4412 Clarey Boulevard (F1-CLAR4412)	13-Jan-22	14:34	16:06	<input checked="" type="checkbox"/>	
Flushing Zone F1	4413 Clarey Boulevard (F1-CLAR4413)	13-Jan-22	12:20	14:04	<input checked="" type="checkbox"/>	
Flushing Zone F1	4414 Clarey Boulevard (F1-CLAR4414)	13-Jan-22	14:37	16:06	<input checked="" type="checkbox"/>	
Flushing Zone F1	4415 Clarey Boulevard (F1-CLAR4415)	13-Jan-22	12:35	14:10	<input checked="" type="checkbox"/>	
Flushing Zone F1	4416 Clarey Boulevard (F1-CLAR4416)	13-Jan-22	12:00	13:56	<input checked="" type="checkbox"/>	
Flushing Zone F1	4417 Clarey Boulevard (F1-CLAR4417)	13-Jan-22	14:48	15:40	<input checked="" type="checkbox"/>	
Flushing Zone F1	4418 Clarey Boulevard (F1-CLAR4418)	13-Jan-22	12:00	15:57	<input checked="" type="checkbox"/>	
Flushing Zone F1	4419 Clarey Boulevard (F1-CLAR4419)	13-Jan-22	14:23	15:47	<input checked="" type="checkbox"/>	
Flushing Zone F1	4420 Clarey Boulevard (F1-CLAR4420)	13-Jan-22	14:21	16:13	<input checked="" type="checkbox"/>	
Flushing Zone F1	4421 Clarey Boulevard (F1-CLAR4421)	13-Jan-22	14:35	15:01	<input checked="" type="checkbox"/>	
Flushing Zone F1	4422 Clarey Boulevard (F1-CLAR4422)	13-Jan-22	13:00	14:51	<input checked="" type="checkbox"/>	
Flushing Zone F1	4423 Clarey Boulevard (F1-CLAR4423)	13-Jan-22	15:00	15:43	<input checked="" type="checkbox"/>	
Flushing Zone F1	4424 Clarey Boulevard (F1-CLAR4424)	13-Jan-22	13:00	14:17	<input checked="" type="checkbox"/>	
Flushing Zone F1	4425 Clarey Boulevard (F1-CLAR4425)	13-Jan-22	13:00	14:21	<input checked="" type="checkbox"/>	
Flushing Zone F1	4426 Clarey Boulevard (F1-CLAR4426)	13-Jan-22	01:00	14:13	<input checked="" type="checkbox"/>	
Flushing Zone F1	4427 Clarey Boulevard (F1-CLAR4427)	13-Jan-22	12:00	13:58	<input checked="" type="checkbox"/>	
Flushing Zone F1	4323 Flaherty Circle (F1-FLAH4323)	13-Jan-22	12:30	16:19	<input checked="" type="checkbox"/>	
Flushing Zone F1	4324 Flaherty Circle (F1-FLAH4324)	13-Jan-22	12:20	16:21	<input checked="" type="checkbox"/>	
Flushing Zone F1	4325 Flaherty Circle (F1-FLAH4325)	13-Jan-22	12:40	16:22	<input checked="" type="checkbox"/>	
Flushing Zone F1	4326 Flaherty Circle (F1-FLAH4326)	13-Jan-22	12:20	16:24	<input checked="" type="checkbox"/>	
Flushing Zone F1	4327 Flaherty Circle (F1-FLAH4327)	13-Jan-22	12:40	16:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	4328 Flaherty Circle (F1-FLAH4328)	13-Jan-22	12:20	16:27	<input checked="" type="checkbox"/>	
Flushing Zone F1	4329 Flaherty Circle (F1-FLAH4329)	13-Jan-22	11:25	12:18	<input checked="" type="checkbox"/>	
Flushing Zone F1	4330 Flaherty Circle (F1-FLAH4330)	13-Jan-22	12:25	16:30	<input checked="" type="checkbox"/>	
Flushing Zone F1	4331 Flaherty Circle (F1-FLAH4331)	13-Jan-22	12:20	16:31	<input checked="" type="checkbox"/>	
Flushing Zone F1	4332 Flaherty Circle (F1-FLAH4332)	13-Jan-22	13:00	16:31	<input checked="" type="checkbox"/>	
Flushing Zone F1	4333 Flaherty Circle (F1-FLAH4333)	13-Jan-22	12:00	16:31	<input checked="" type="checkbox"/>	
Flushing Zone F1	4334 Flaherty Circle (F1-FLAH4334)	13-Jan-22	13:00	16:30	<input checked="" type="checkbox"/>	
Flushing Zone F1	4335 Flaherty Circle (F1-FLAH4335)	13-Jan-22	12:00	16:29	<input checked="" type="checkbox"/>	
Flushing Zone F1	4336 Flaherty Circle (F1-FLAH4336)	13-Jan-22	12:00	16:28	<input checked="" type="checkbox"/>	
Flushing Zone F1	4337 Flaherty Circle (F1-FLAH4337)	13-Jan-22	12:00	16:28	<input checked="" type="checkbox"/>	
Flushing Zone F1	4338 Flaherty Circle (F1-FLAH4338)	13-Jan-22	12:00	16:27	<input checked="" type="checkbox"/>	
Flushing Zone F1	4339 Flaherty Circle (F1-FLAH4339)	13-Jan-22	12:00	16:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	4341 Flaherty Circle (F1-FLAH4341)	13-Jan-22	12:00	16:25	<input checked="" type="checkbox"/>	
Flushing Zone F1	621 Fuqua Lane (F1-FUQU0621)	14-Jan-22	00:00	11:56	<input checked="" type="checkbox"/>	Reason(s) Selected: Other Address does not exist
Flushing Zone F1	5200 Fuqua Lane (F1-FUQU5200)	14-Jan-22	08:21	09:33	<input checked="" type="checkbox"/>	
Flushing Zone F1	5201 Fuqua Lane (F1-FUQU5201)	13-Jan-22	12:43	14:19	<input checked="" type="checkbox"/>	

Flushing Zone F1

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Flushing Zone F1	5202 Fuqua Lane (F1-FUQU5202)	14-Jan-22	08:20	09:30	<input checked="" type="checkbox"/>
Flushing Zone F1	5203 Fuqua Lane (F1-FUQU5203)	13-Jan-22	12:50	14:19	<input checked="" type="checkbox"/>
Flushing Zone F1	5204 Fuqua Lane (F1-FUQU5204)	14-Jan-22	08:30	09:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5205 Fuqua Lane (F1-FUQU5205)	13-Jan-22	12:45	14:45	<input checked="" type="checkbox"/>
Flushing Zone F1	5206 Fuqua Lane (F1-FUQU5206)	14-Jan-22	08:58	09:49	<input checked="" type="checkbox"/>
Flushing Zone F1	5207 Fuqua Lane (F1-FUQU5207)	13-Jan-22	12:45	14:45	<input checked="" type="checkbox"/>
Flushing Zone F1	5208 Fuqua Lane (F1-FUQU5208)	14-Jan-22	08:14	09:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5209 Fuqua Lane (F1-FUQU5209)	13-Jan-22	12:00	14:53	<input checked="" type="checkbox"/>
Flushing Zone F1	5210 Fuqua Lane (F1-FUQU5210)	13-Jan-22	16:02	17:08	<input checked="" type="checkbox"/>
Flushing Zone F1	5211 Fuqua Lane (F1-FUQU5211)	13-Jan-22	14:03	15:53	<input checked="" type="checkbox"/>
Flushing Zone F1	5212 Fuqua Lane (F1-FUQU5212)	13-Jan-22	16:10	17:31	<input checked="" type="checkbox"/>
Flushing Zone F1	5213 Fuqua Lane (F1-FUQU5213)	13-Jan-22	14:18	15:59	<input checked="" type="checkbox"/>
Flushing Zone F1	5214 Fuqua Lane (F1-FUQU5214)	13-Jan-22	16:00	17:16	<input checked="" type="checkbox"/>
Flushing Zone F1	5215 Fuqua Lane (F1-FUQU5215)	13-Jan-22	12:32	14:04	<input checked="" type="checkbox"/>
Flushing Zone F1	5216 Fuqua Lane (F1-FUQU5216)	13-Jan-22	16:00	17:30	<input checked="" type="checkbox"/>
Flushing Zone F1	5217 Fuqua Lane (F1-FUQU5217)	13-Jan-22	14:27	15:57	<input checked="" type="checkbox"/>
Flushing Zone F1	5218 Fuqua Lane (F1-FUQU5218)	13-Jan-22	16:00	17:23	<input checked="" type="checkbox"/>
Flushing Zone F1	5219 Fuqua Lane (F1-FUQU5219)	13-Jan-22	12:57	14:17	<input checked="" type="checkbox"/>
Flushing Zone F1	5220 Fuqua Lane (F1-FUQU5220)	13-Jan-22	15:28	16:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5221 Fuqua Lane (F1-FUQU5221)	13-Jan-22	14:50	16:33	<input checked="" type="checkbox"/>
Flushing Zone F1	5222 Fuqua Lane (F1-FUQU5222)	13-Jan-22	14:57	16:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5223 Fuqua Lane (F1-FUQU5223)	13-Jan-22	14:49	16:37	<input checked="" type="checkbox"/>
Flushing Zone F1	5300 Fuqua Street (F1-FUQU5300)	14-Jan-22	11:29	13:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5301 Fuqua Street (F1-FUQU5301)	14-Jan-22	08:16	09:26	<input checked="" type="checkbox"/>
Flushing Zone F1	5302 Fuqua Street (F1-FUQU5302)	14-Jan-22	11:29	13:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5303 Fuqua Street (F1-FUQU5303)	14-Jan-22	08:16	09:26	<input checked="" type="checkbox"/>
Flushing Zone F1	5304 Fuqua Street (F1-FUQU5304)	14-Jan-22	11:23	12:10	<input checked="" type="checkbox"/>
Flushing Zone F1	5305 Fuqua Street (F1-FUQU5305)	14-Jan-22	08:00	09:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5306 Fuqua Street (F1-FUQU5306)	14-Jan-22	11:20	18:21	<input checked="" type="checkbox"/>
Flushing Zone F1	5307 Fuqua Street (F1-FUQU5307)	14-Jan-22	08:00	10:26	<input checked="" type="checkbox"/>
Flushing Zone F1	5308 Fuqua Street (F1-FUQU5308)	14-Jan-22	11:37	12:40	<input checked="" type="checkbox"/>
Flushing Zone F1	5309 Fuqua Street (F1-FUQU5309)	14-Jan-22	09:28	11:22	<input checked="" type="checkbox"/>
Flushing Zone F1	5310 Fuqua Street (F1-FUQU5310)	14-Jan-22	11:00	12:28	<input checked="" type="checkbox"/>
Flushing Zone F1	5311 Fuqua Street (F1-FUQU5311)	14-Jan-22	09:28	11:23	<input checked="" type="checkbox"/>
Flushing Zone F1	5312 Fuqua Street (F1-FUQU5312)	14-Jan-22	10:00	12:17	<input checked="" type="checkbox"/>
Flushing Zone F1	5313 Fuqua Street (F1-FUQU5313)	14-Jan-22	10:00	10:59	<input checked="" type="checkbox"/>
Flushing Zone F1	5314 Fuqua Street (F1-FUQU5314)	14-Jan-22	10:00	12:18	<input checked="" type="checkbox"/>
Flushing Zone F1	5315 Fuqua Street (F1-FUQU5315)	14-Jan-22	10:17	11:10	<input checked="" type="checkbox"/>
Flushing Zone F1	5316 Fuqua Street (F1-FUQU5316)	14-Jan-22	09:58	12:18	<input checked="" type="checkbox"/>
Flushing Zone F1	5317 Fuqua Street (F1-FUQU5317)	14-Jan-22	09:59	11:28	<input checked="" type="checkbox"/>
Flushing Zone F1	5318 Fuqua Street (F1-FUQU5318)	14-Jan-22	08:00	11:02	<input checked="" type="checkbox"/>
Flushing Zone F1	5319 Fuqua Street (F1-FUQU5319)	14-Jan-22	09:59	11:29	<input checked="" type="checkbox"/>
Flushing Zone F1	4800 Jones Court (F1-JONE4800)	13-Jan-22	12:13	14:04	<input checked="" type="checkbox"/>
Flushing Zone F1	4801 Jones Court (F1-JONE4801)	13-Jan-22	15:03	16:37	<input checked="" type="checkbox"/>
Flushing Zone F1	4802 Jones Court (F1-JONE4802)	13-Jan-22	12:58	14:27	<input checked="" type="checkbox"/>
Flushing Zone F1	4803 Jones Court (F1-JONE4803)	13-Jan-22	15:13	16:16	<input checked="" type="checkbox"/>
Flushing Zone F1	4804 Jones Court (F1-JONE4804)	13-Jan-22	14:30	15:46	<input checked="" type="checkbox"/>
Flushing Zone F1	4805 Jones Court (F1-JONE4805)	13-Jan-22	16:55	18:11	<input checked="" type="checkbox"/>
Flushing Zone F1	4806 Jones Court (F1-JONE4806)	13-Jan-22	15:00	16:29	<input checked="" type="checkbox"/>
Flushing Zone F1	4807 Jones Court (F1-JONE4807)	13-Jan-22	16:32	17:45	<input checked="" type="checkbox"/>
Flushing Zone F1	4808 Jones Court (F1-JONE4808)	13-Jan-22	13:51	15:25	<input checked="" type="checkbox"/>
Flushing Zone F1	4809 Jones Court (F1-JONE4809)	13-Jan-22	14:55	16:04	<input checked="" type="checkbox"/>
Flushing Zone F1	4810 Jones Court (F1-JONE4810)	13-Jan-22	12:13	13:32	<input checked="" type="checkbox"/>
Flushing Zone F1	4811 Jones Court (F1-JONE4811)	13-Jan-22	15:25	16:38	<input checked="" type="checkbox"/>
Flushing Zone F1	4812 Jones Court (F1-JONE4812)	13-Jan-22	13:33	14:50	<input checked="" type="checkbox"/>
Flushing Zone F1	4813 Jones Court (F1-JONE4813)	13-Jan-22	15:35	16:55	<input checked="" type="checkbox"/>
Flushing Zone F1	4814 Jones Court (F1-JONE4814)	13-Jan-22	12:26	13:50	<input checked="" type="checkbox"/>
Flushing Zone F1	4815 Jones Court (F1-JONE4815)	13-Jan-22	16:55	17:51	<input checked="" type="checkbox"/>
Flushing Zone F1	4816 Jones Court (F1-JONE4816)	13-Jan-22	13:53	15:18	<input checked="" type="checkbox"/>
Flushing Zone F1	4817 Jones Court (F1-JONE4817)	13-Jan-22	12:22	14:38	<input checked="" type="checkbox"/>
Flushing Zone F1	4818 Jones Court (F1-JONE4818)	13-Jan-22	13:42	15:18	<input checked="" type="checkbox"/>
Flushing Zone F1	4819 Jones Court (F1-JONE4819)	13-Jan-22	12:34	15:01	<input checked="" type="checkbox"/>
Flushing Zone F1	4901 Kidd Court (F1-KIDD4901)	13-Jan-22	12:00	16:59	<input checked="" type="checkbox"/>

Flushing Zone F1

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Flushing Zone F1	4903 Kidd Court (F1-KIDD4903)	13-Jan-22	12:30	14:11	<input checked="" type="checkbox"/>	
Flushing Zone F1	4905 Kidd Court (F1-KIDD4905)	13-Jan-22	13:30	14:58	<input checked="" type="checkbox"/>	
Flushing Zone F1	4907 Kidd Court (F1-KIDD4907)	13-Jan-22	14:00	15:35	<input checked="" type="checkbox"/>	
Flushing Zone F1	4909 Kidd Court (F1-KIDD4909)	13-Jan-22	15:00	16:12	<input checked="" type="checkbox"/>	
Flushing Zone F1	4911 Kidd Court (F1-KIDD4911)	13-Jan-22	12:00	14:17	<input checked="" type="checkbox"/>	
Flushing Zone F1	4913 Kidd Court (F1-KIDD4913)	13-Jan-22	12:00	14:40	<input checked="" type="checkbox"/>	
Flushing Zone F1	4915 Kidd Court (F1-KIDD4915)	13-Jan-22	14:15	16:20	<input checked="" type="checkbox"/>	
Flushing Zone F1	4916 Kidd Court (F1-KIDD4916)	13-Jan-22	00:30	16:57	<input checked="" type="checkbox"/>	
Flushing Zone F1	4917 Kidd Court (F1-KIDD4917)	13-Jan-22	16:30	18:03	<input checked="" type="checkbox"/>	
Flushing Zone F1	4918 Kidd Court (F1-KIDD4918)	13-Jan-22	00:45	16:56	<input checked="" type="checkbox"/>	
Flushing Zone F1	4919 Kidd Court (F1-KIDD4919)	13-Jan-22	14:30	16:48	<input checked="" type="checkbox"/>	
Flushing Zone F1	4920 Kidd Court (F1-KIDD4920)	13-Jan-22	02:15	15:44	<input checked="" type="checkbox"/>	
Flushing Zone F1	4921 Kidd Court (F1-KIDD4921)	13-Jan-22	12:13	14:43	<input checked="" type="checkbox"/>	
Flushing Zone F1	4922 Kidd Court (F1-KIDD4922)	13-Jan-22	14:25	15:45	<input checked="" type="checkbox"/>	
Flushing Zone F1	4923 Kidd Court (F1-KIDD4923)	13-Jan-22	12:32	14:14	<input checked="" type="checkbox"/>	
Flushing Zone F1	4924 Kidd Court (F1-KIDD4924)	13-Jan-22	15:30	17:00	<input checked="" type="checkbox"/>	
Flushing Zone F1	4925 Kidd Court (F1-KIDD4925)	13-Jan-22	15:08	16:56	<input checked="" type="checkbox"/>	
Flushing Zone F1	4926 Kidd Court (F1-KIDD4926)	13-Jan-22	14:30	16:10	<input checked="" type="checkbox"/>	
Flushing Zone F1	4927 Kidd Court (F1-KIDD4927)	13-Jan-22	15:36	17:47	<input checked="" type="checkbox"/>	
Flushing Zone F1	4929 Kidd Court (F1-KIDD4929)	13-Jan-22	17:25	18:43	<input checked="" type="checkbox"/>	
Flushing Zone F1	4931 Kidd Court (F1-KIDD4931)	13-Jan-22	14:30	16:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	4933 Kidd Court (F1-KIDD4933)	13-Jan-22	12:21	14:21	<input checked="" type="checkbox"/>	
Flushing Zone F1	4935 Kidd Court (F1-KIDD4935)	13-Jan-22	12:21	14:46	<input checked="" type="checkbox"/>	
Flushing Zone F1	5000 Kidd Street (F1-KIDD5000)	14-Jan-22	08:35	11:34	<input checked="" type="checkbox"/>	
Flushing Zone F1	5002 Kidd Street (F1-KIDD5002)	14-Jan-22	07:50	09:37	<input checked="" type="checkbox"/>	
Flushing Zone F1	5004 Kidd Street (F1-KIDD5004)	13-Jan-22	00:00	16:42	<input checked="" type="checkbox"/>	
Flushing Zone F1	5006 Kidd Street (F1-KIDD5006)	13-Jan-22	13:00	16:42	<input checked="" type="checkbox"/>	
Flushing Zone F1	5007 Kidd Street (F1-KIDD5007)	13-Jan-22	12:36	13:33	<input checked="" type="checkbox"/>	
Flushing Zone F1	5008 Kidd Street (F1-KIDD5008)	13-Jan-22	14:00	17:09	<input checked="" type="checkbox"/>	
Flushing Zone F1	5009 Kidd Street (F1-KIDD5009)	13-Jan-22	12:27	13:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	5010 Kidd Street (F1-KIDD5010)	13-Jan-22	14:54	16:54	<input checked="" type="checkbox"/>	
Flushing Zone F1	5011 Kidd Street (F1-KIDD5011)	13-Jan-22	13:41	14:45	<input checked="" type="checkbox"/>	
Flushing Zone F1	5012 Kidd Street (F1-KIDD5012)	13-Jan-22	16:43	18:07	<input checked="" type="checkbox"/>	
Flushing Zone F1	5013 Kidd Street (F1-KIDD5013)	13-Jan-22	13:45	14:59	<input checked="" type="checkbox"/>	
Flushing Zone F1	5014 Kidd Street (F1-KIDD5014)	13-Jan-22	17:08	18:05	<input checked="" type="checkbox"/>	
Flushing Zone F1	5015 Kidd Street (F1-KIDD5015)	13-Jan-22	15:00	17:46	<input checked="" type="checkbox"/>	
Flushing Zone F1	5016 Kidd Street (F1-KIDD5016)	13-Jan-22	17:47	18:48	<input checked="" type="checkbox"/>	
Flushing Zone F1	5017 Kidd Street (F1-KIDD5017)	13-Jan-22	15:41	17:20	<input checked="" type="checkbox"/>	
Flushing Zone F1	5018 Kidd Street (F1-KIDD5018)	13-Jan-22	17:20	18:48	<input checked="" type="checkbox"/>	
Flushing Zone F1	5020 Kidd Street (F1-KIDD5020)	13-Jan-22	16:51	18:25	<input checked="" type="checkbox"/>	
Flushing Zone F1	5022 Kidd Street (F1-KIDD5022)	13-Jan-22	16:32	18:17	<input checked="" type="checkbox"/>	
Flushing Zone F1	5024 Kidd Street (F1-KIDD5024)	13-Jan-22	16:41	18:23	<input checked="" type="checkbox"/>	
Flushing Zone F1	5026 Kidd Street (F1-KIDD5026)	13-Jan-22	05:00	18:40	<input checked="" type="checkbox"/>	
Flushing Zone F1	5028 Kidd Street (F1-KIDD5028)	14-Jan-22	09:47	11:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	5030 Kidd Street (F1-KIDD5030)	14-Jan-22	09:47	10:56	<input checked="" type="checkbox"/>	
Flushing Zone F1	5031 Kidd Street (F1-KIDD5031)	14-Jan-22	07:52	08:57	<input checked="" type="checkbox"/>	
Flushing Zone F1	5032 Kidd Street (F1-KIDD5032)	14-Jan-22	09:47	11:36	<input checked="" type="checkbox"/>	
Flushing Zone F1	5033 Kidd Street (F1-KIDD5033)	14-Jan-22	07:52	09:55	<input checked="" type="checkbox"/>	
Flushing Zone F1	5034 Kidd Street (F1-KIDD5034)	14-Jan-22	08:45	10:57	<input checked="" type="checkbox"/>	
Flushing Zone F1	3434 McMorris Drive (F1-MCMO3434)	14-Jan-22	00:00	14:02	<input checked="" type="checkbox"/>	Reason(s) Selected: Other Address does not exist
Flushing Zone F1	5400 McMorris Drive (F1-MCMO5400)	13-Jan-22	08:45	09:57	<input checked="" type="checkbox"/>	
Flushing Zone F1	5401 McMorris Drive (F1-MCMO5401)	13-Jan-22	13:00	14:30	<input checked="" type="checkbox"/>	
Flushing Zone F1	5402 McMorris Drive (F1-MCMO5402)	13-Jan-22	13:00	14:32	<input checked="" type="checkbox"/>	
Flushing Zone F1	5403 McMorris Drive (F1-MCMO5403)	13-Jan-22	15:35	18:18	<input checked="" type="checkbox"/>	
Flushing Zone F1	5404 McMorris Drive (F1-MCMO5404)	13-Jan-22	16:05	18:20	<input checked="" type="checkbox"/>	
Flushing Zone F1	5405 McMorris Drive (F1-MCMO5405)	13-Jan-22	15:50	18:23	<input checked="" type="checkbox"/>	
Flushing Zone F1	5406 McMorris Drive (F1-MCMO5406)	13-Jan-22	16:00	18:24	<input checked="" type="checkbox"/>	
Flushing Zone F1	5407 McMorris Drive (F1-MCMO5407)	13-Jan-22	14:33	16:25	<input checked="" type="checkbox"/>	
Flushing Zone F1	5408 McMorris Drive (F1-MCMO5408)	13-Jan-22	03:00	16:26	<input checked="" type="checkbox"/>	
Flushing Zone F1	5409 McMorris Drive (F1-MCMO5409)	13-Jan-22	14:32	16:24	<input checked="" type="checkbox"/>	
Flushing Zone F1	5410 McMorris Drive (F1-MCMO5410)	13-Jan-22	03:30	16:33	<input checked="" type="checkbox"/>	
Flushing Zone F1	5411 McMorris Drive (F1-MCMO5411)	13-Jan-22	13:12	14:47	<input checked="" type="checkbox"/>	

Flushing Zone F1

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Flushing Zone F1	5412 McMorris Drive (F1-MCMO5412)	13-Jan-22	03:40	16:34	<input checked="" type="checkbox"/>
Flushing Zone F1	5413 McMorris Drive (F1-MCMO5413)	13-Jan-22	12:58	14:31	<input checked="" type="checkbox"/>
Flushing Zone F1	5414 McMorris Drive (F1-MCMO5414)	13-Jan-22	15:30	17:14	<input checked="" type="checkbox"/>
Flushing Zone F1	5415 McMorris Drive (F1-MCMO5415)	13-Jan-22	12:45	14:31	<input checked="" type="checkbox"/>
Flushing Zone F1	5416 McMorris Drive (F1-MCMO5416)	13-Jan-22	06:00	17:02	<input checked="" type="checkbox"/>
Flushing Zone F1	5417 McMorris Drive (F1-MCMO5417)	13-Jan-22	13:00	16:25	<input checked="" type="checkbox"/>
Flushing Zone F1	5418 McMorris Drive (F1-MCMO5418)	13-Jan-22	13:00	16:24	<input checked="" type="checkbox"/>
Flushing Zone F1	5419 McMorris Drive (F1-MCMO5419)	13-Jan-22	13:00	16:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5421 McMorris Drive (F1-MCMO5421)	13-Jan-22	13:11	15:06	<input checked="" type="checkbox"/>
Flushing Zone F1	5423 McMorris Drive (F1-MCMO5423)	13-Jan-22	12:37	14:25	<input checked="" type="checkbox"/>
Flushing Zone F1	5425 McMorris Drive (F1-MCMO5425)	13-Jan-22	15:12	17:26	<input checked="" type="checkbox"/>
Flushing Zone F1	5427 McMorris Drive (F1-MCMO5427)	13-Jan-22	15:20	17:27	<input checked="" type="checkbox"/>
Flushing Zone F1	5429 McMorris Drive (F1-MCMO5429)	14-Jan-22	09:38	10:39	<input checked="" type="checkbox"/>
Flushing Zone F1	5430 McMorris Drive (F1-MCMO5430)	14-Jan-22	08:20	09:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5431 McMorris Drive (F1-MCMO5431)	14-Jan-22	09:04	10:35	<input checked="" type="checkbox"/>
Flushing Zone F1	5432 McMorris Drive (F1-MCMO5432)	13-Jan-22	12:30	13:46	<input checked="" type="checkbox"/>
Flushing Zone F1	5433 McMorris Drive (F1-MCMO5433)	13-Jan-22	12:44	14:33	<input checked="" type="checkbox"/>
Flushing Zone F1	5434 McMorris Drive (F1-MCMO5434)	13-Jan-22	10:20	12:01	<input checked="" type="checkbox"/>
Flushing Zone F1	5435 McMorris Drive (F1-MCMO5435)	13-Jan-22	14:30	16:22	<input checked="" type="checkbox"/>
Flushing Zone F1	5436 McMorris Drive (F1-MCMO5436)	13-Jan-22	13:46	15:15	<input checked="" type="checkbox"/>
Flushing Zone F1	5450 McMorris Drive (F1-MCMO5450)	13-Jan-22	13:54	16:38	<input checked="" type="checkbox"/>
Flushing Zone F1	5451 McMorris Drive (F1-MCMO5451)	13-Jan-22	15:10	16:43	<input checked="" type="checkbox"/>
Flushing Zone F1	5452 McMorris Drive (F1-MCMO5452)	13-Jan-22	12:20	16:51	<input checked="" type="checkbox"/>
Flushing Zone F1	5453 McMorris Drive (F1-MCMO5453)	13-Jan-22	15:00	17:45	<input checked="" type="checkbox"/>
Flushing Zone F1	5454 McMorris Drive (F1-MCMO5454)	13-Jan-22	14:00	17:51	<input checked="" type="checkbox"/>
Flushing Zone F1	5455 McMorris Drive (F1-MCMO5455)	13-Jan-22	14:02	16:38	<input checked="" type="checkbox"/>
Flushing Zone F1	5456 McMorris Drive (F1-MCMO5456)	13-Jan-22	15:34	17:49	<input checked="" type="checkbox"/>
Flushing Zone F1	5457 McMorris Drive (F1-MCMO5457)	13-Jan-22	13:51	15:00	<input checked="" type="checkbox"/>
Flushing Zone F1	5458 McMorris Drive (F1-MCMO5458)	13-Jan-22	12:55	17:00	<input checked="" type="checkbox"/>
Flushing Zone F1	5459 McMorris Drive (F1-MCMO5459)	13-Jan-22	12:39	13:48	<input checked="" type="checkbox"/>
Flushing Zone F1	5460 McMorris Drive (F1-MCMO5460)	13-Jan-22	13:32	17:50	<input checked="" type="checkbox"/>
Flushing Zone F1	5461 McMorris Drive (F1-MCMO5461)	13-Jan-22	12:22	14:10	<input checked="" type="checkbox"/>
Flushing Zone F1	5462 McMorris Drive (F1-MCMO5462)	13-Jan-22	14:45	17:02	<input checked="" type="checkbox"/>
Flushing Zone F1	5463 McMorris Drive (F1-MCMO5463)	13-Jan-22	14:56	16:06	<input checked="" type="checkbox"/>
Flushing Zone F1	5464 McMorris Drive (F1-MCMO5464)	13-Jan-22	16:00	17:03	<input checked="" type="checkbox"/>
Flushing Zone F1	5465 McMorris Drive (F1-MCMO5465)	13-Jan-22	14:31	15:57	<input checked="" type="checkbox"/>
Flushing Zone F1	5466 McMorris Drive (F1-MCMO5466)	13-Jan-22	15:42	16:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5468 McMorris Drive (F1-MCMO5468)	13-Jan-22	13:32	14:31	<input checked="" type="checkbox"/>
Flushing Zone F1	5470 McMorris Drive (F1-MCMO5470)	13-Jan-22	15:33	16:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5472 McMorris Drive (F1-MCMO5472)	13-Jan-22	14:39	15:32	<input checked="" type="checkbox"/>
Flushing Zone F1	5473 McMorris Drive (F1-MCMO5473)	13-Jan-22	13:45	15:14	<input checked="" type="checkbox"/>
Flushing Zone F1	5475 McMorris Drive (F1-MCMO5475)	13-Jan-22	13:43	15:14	<input checked="" type="checkbox"/>
Flushing Zone F1	5477 McMorris Drive (F1-MCMO5477)	13-Jan-22	12:56	14:11	<input checked="" type="checkbox"/>
Flushing Zone F1	5479 McMorris Drive (F1-MCMO5479)	13-Jan-22	14:28	15:47	<input checked="" type="checkbox"/>
Flushing Zone F1	5481 McMorris Drive (F1-MCMO5481)	13-Jan-22	12:16	14:23	<input checked="" type="checkbox"/>
Flushing Zone F1	5483 McMorris Drive (F1-MCMO5483)	13-Jan-22	12:15	14:01	<input checked="" type="checkbox"/>
Flushing Zone F1	5484 McMorris Drive (F1-MCMO5484)	13-Jan-22	12:20	13:23	<input checked="" type="checkbox"/>
Flushing Zone F1	5485 McMorris Drive (F1-MCMO5485)	13-Jan-22	13:33	08:00	<input checked="" type="checkbox"/>
Flushing Zone F1	5486 McMorris Drive (F1-MCMO5486)	13-Jan-22	13:33	17:09	<input checked="" type="checkbox"/>
Flushing Zone F1	5487 McMorris Drive (F1-MCMO5487)	13-Jan-22	12:18	08:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3001 Moreell Circle (F1-MORE0001)	14-Jan-22	08:09	09:04	<input checked="" type="checkbox"/>
Flushing Zone F1	3003 Moreell Circle (F1-MORE0003)	14-Jan-22	08:59	10:06	<input checked="" type="checkbox"/>
Flushing Zone F1	3005 Moreell Circle (F1-MORE0005)	14-Jan-22	08:15	09:48	<input checked="" type="checkbox"/>
Flushing Zone F1	3007 Moreell Circle (F1-MORE0007)	14-Jan-22	08:57	10:54	<input checked="" type="checkbox"/>
Flushing Zone F1	3009 Moreell Circle (F1-MORE0009)	14-Jan-22	08:00	09:23	<input checked="" type="checkbox"/>
Flushing Zone F1	3011 Moreell Circle (F1-MORE0011)	14-Jan-22	08:00	09:24	<input checked="" type="checkbox"/>
Flushing Zone F1	3013 Moreell Circle (F1-MORE0013)	14-Jan-22	09:04	10:17	<input checked="" type="checkbox"/>
Flushing Zone F1	3015 Moreell Circle (F1-MORE0015)	14-Jan-22	08:09	10:07	<input checked="" type="checkbox"/>
Flushing Zone F1	3017 Moreell Circle (F1-MORE0017)	14-Jan-22	08:00	10:10	<input checked="" type="checkbox"/>
Flushing Zone F1	3019 Moreell Circle (F1-MORE0019)	14-Jan-22	08:00	10:11	<input checked="" type="checkbox"/>
Flushing Zone F1	3021 Moreell Circle (F1-MORE0021)	14-Jan-22	09:45	11:11	<input checked="" type="checkbox"/>
Flushing Zone F1	3023 Moreell Circle (F1-MORE0023)	14-Jan-22	09:45	10:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3025 Moreell Circle (F1-MORE0025)	14-Jan-22	09:35	10:46	<input checked="" type="checkbox"/>

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Flushing Zone F1	3027 Moreell Circle (F1-MORE3027)	14-Jan-22	09:35	11:00	<input checked="" type="checkbox"/>
Flushing Zone F1	3029 Moreell Circle (F1-MORE3029)	14-Jan-22	09:30	10:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3031 Moreell Circle (F1-MORE3031)	14-Jan-22	09:30	11:06	<input checked="" type="checkbox"/>
Flushing Zone F1	3100 Moreell Drive (F1-MORE3100)	14-Jan-22	09:39	11:00	<input checked="" type="checkbox"/>
Flushing Zone F1	3102 Moreell Drive (F1-MORE3102)	14-Jan-22	09:39	12:24	<input checked="" type="checkbox"/>
Flushing Zone F1	3104 Moreell Drive (F1-MORE3104)	14-Jan-22	09:00	11:14	<input checked="" type="checkbox"/>
Flushing Zone F1	3106 Moreell Drive (F1-MORE3106)	14-Jan-22	09:50	11:49	<input checked="" type="checkbox"/>
Flushing Zone F1	3108 Moreell Drive (F1-MORE3108)	14-Jan-22	10:28	11:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3110 Moreell Drive (F1-MORE3110)	14-Jan-22	10:21	11:34	<input checked="" type="checkbox"/>
Flushing Zone F1	3112 Moreell Drive (F1-MORE3112)	14-Jan-22	09:50	11:19	<input checked="" type="checkbox"/>
Flushing Zone F1	3114 Moreell Drive (F1-MORE3114)	14-Jan-22	09:55	11:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3116 Moreell Drive (F1-MORE3116)	14-Jan-22	09:56	11:13	<input checked="" type="checkbox"/>
Flushing Zone F1	3118 Moreell Drive (F1-MORE3118)	14-Jan-22	10:36	11:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3120 Moreell Drive (F1-MORE3120)	14-Jan-22	09:55	11:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3122 Moreell Drive (F1-MORE3122)	14-Jan-22	09:57	11:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3124 Moreell Drive (F1-MORE3124)	14-Jan-22	10:00	11:31	<input checked="" type="checkbox"/>
Flushing Zone F1	3126 Moreell Drive (F1-MORE3126)	14-Jan-22	10:00	11:38	<input checked="" type="checkbox"/>
Flushing Zone F1	3128 Moreell Drive (F1-MORE3128)	14-Jan-22	09:57	11:18	<input checked="" type="checkbox"/>
Flushing Zone F1	3130 Moreell Drive (F1-MORE3130)	14-Jan-22	10:12	11:34	<input checked="" type="checkbox"/>
Flushing Zone F1	3132 Moreell Drive (F1-MORE3132)	14-Jan-22	10:13	12:03	<input checked="" type="checkbox"/>
Flushing Zone F1	3134 Moreell Drive (F1-MORE3134)	14-Jan-22	10:13	12:03	<input checked="" type="checkbox"/>
Flushing Zone F1	3136 Moreell Drive (F1-MORE3136)	14-Jan-22	10:17	12:15	<input checked="" type="checkbox"/>
Flushing Zone F1	3138 Moreell Drive (F1-MORE3138)	14-Jan-22	10:49	14:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3140 Moreell Drive (F1-MORE3140)	14-Jan-22	10:05	11:13	<input checked="" type="checkbox"/>
Flushing Zone F1	3141 Moreell Drive (F1-MORE3141)	14-Jan-22	10:22	11:20	<input checked="" type="checkbox"/>
Flushing Zone F1	3142 Moreell Drive (F1-MORE3142)	14-Jan-22	10:10	12:54	<input checked="" type="checkbox"/>
Flushing Zone F1	3143 Moreell Drive (F1-MORE3143)	14-Jan-22	09:49	10:45	<input checked="" type="checkbox"/>
Flushing Zone F1	3144 Moreell Drive (F1-MORE3144)	14-Jan-22	08:30	09:48	<input checked="" type="checkbox"/>
Flushing Zone F1	3145 Moreell Drive (F1-MORE3145)	14-Jan-22	10:00	11:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3146 Moreell Drive (F1-MORE3146)	14-Jan-22	08:11	09:59	<input checked="" type="checkbox"/>
Flushing Zone F1	3147 Moreell Drive (F1-MORE3147)	14-Jan-22	09:46	11:26	<input checked="" type="checkbox"/>
Flushing Zone F1	3148 Moreell Drive (F1-MORE3148)	14-Jan-22	08:00	10:46	<input checked="" type="checkbox"/>
Flushing Zone F1	3150 Moreell Drive (F1-MORE3150)	14-Jan-22	08:00	10:46	<input checked="" type="checkbox"/>
Flushing Zone F1	3152 Moreell Drive (F1-MORE3152)	14-Jan-22	08:32	09:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3154 Moreell Drive (F1-MORE3154)	14-Jan-22	08:06	09:14	<input checked="" type="checkbox"/>
Flushing Zone F1	3300 Moreell Street (F1-MORE3300)	14-Jan-22	08:00	11:33	<input checked="" type="checkbox"/>
Flushing Zone F1	3301 Moreell Street (F1-MORE3301)	14-Jan-22	08:09	09:36	<input checked="" type="checkbox"/>
Flushing Zone F1	3302 Moreell Street (F1-MORE3302)	14-Jan-22	08:00	13:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3303 Moreell Street (F1-MORE3303)	14-Jan-22	08:05	10:24	<input checked="" type="checkbox"/>
Flushing Zone F1	3304 Moreell Street (F1-MORE3304)	14-Jan-22	08:15	10:16	<input checked="" type="checkbox"/>
Flushing Zone F1	3305 Moreell Street (F1-MORE3305)	14-Jan-22	08:17	10:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3306 Moreell Street (F1-MORE3306)	14-Jan-22	08:17	10:18	<input checked="" type="checkbox"/>
Flushing Zone F1	3307 Moreell Street (F1-MORE3307)	14-Jan-22	08:18	10:39	<input checked="" type="checkbox"/>
Flushing Zone F1	3308 Moreell Street (F1-MORE3308)	14-Jan-22	09:27	10:29	<input checked="" type="checkbox"/>
Flushing Zone F1	3309 Moreell Street (F1-MORE3309)	14-Jan-22	08:12	09:42	<input checked="" type="checkbox"/>
Flushing Zone F1	3310 Moreell Street (F1-MORE3310)	14-Jan-22	08:20	09:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3311 Moreell Street (F1-MORE3311)	14-Jan-22	08:03	09:42	<input checked="" type="checkbox"/>
Flushing Zone F1	3312 Moreell Street (F1-MORE3312)	14-Jan-22	08:00	10:33	<input checked="" type="checkbox"/>
Flushing Zone F1	3314 Moreell Street (F1-MORE3314)	14-Jan-22	08:03	10:04	<input checked="" type="checkbox"/>
Flushing Zone F1	4300 Pharris Place (F1-PHAR4300)	13-Jan-22	16:00	17:51	<input checked="" type="checkbox"/>
Flushing Zone F1	4301 Pharris Place (F1-PHAR4301)	13-Jan-22	15:00	17:53	<input checked="" type="checkbox"/>
Flushing Zone F1	4302 Pharris Place (F1-PHAR4302)	13-Jan-22	16:00	17:53	<input checked="" type="checkbox"/>
Flushing Zone F1	4303 Pharris Place (F1-PHAR4303)	14-Jan-22	07:00	11:13	<input checked="" type="checkbox"/>
Flushing Zone F1	4304 Pharris Place (F1-PHAR4304)	13-Jan-22	12:00	16:33	<input checked="" type="checkbox"/>
Flushing Zone F1	4305 Pharris Place (F1-PHAR4305)	13-Jan-22	12:00	16:25	<input checked="" type="checkbox"/>
Flushing Zone F1	4306 Pharris Place (F1-PHAR4306)	13-Jan-22	13:00	16:40	<input checked="" type="checkbox"/>
Flushing Zone F1	4307 Pharris Place (F1-PHAR4307)	13-Jan-22	13:00	16:24	<input checked="" type="checkbox"/>
Flushing Zone F1	4308 Pharris Place (F1-PHAR4308)	13-Jan-22	12:00	16:27	<input checked="" type="checkbox"/>
Flushing Zone F1	4309 Pharris Place (F1-PHAR4309)	13-Jan-22	12:36	16:33	<input checked="" type="checkbox"/>
Flushing Zone F1	4310 Pharris Place (F1-PHAR4310)	13-Jan-22	12:00	16:28	<input checked="" type="checkbox"/>
Flushing Zone F1	4311 Pharris Place (F1-PHAR4311)	13-Jan-22	13:00	16:32	<input checked="" type="checkbox"/>
Flushing Zone F1	4312 Pharris Place (F1-PHAR4312)	13-Jan-22	12:00	16:31	<input checked="" type="checkbox"/>
Flushing Zone F1	4313 Pharris Place (F1-PHAR4313)	13-Jan-22	14:00	16:34	<input checked="" type="checkbox"/>

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Flushing Zone F1	4314 Pharris Place (F1-PHAR4314)	13-Jan-22	12:00	16:32	<input checked="" type="checkbox"/>
Flushing Zone F1	4315 Pharris Place (F1-PHAR4315)	13-Jan-22	12:00	16:29	<input checked="" type="checkbox"/>
Flushing Zone F1	4316 Pharris Place (F1-PHAR4316)	13-Jan-22	14:00	16:36	<input checked="" type="checkbox"/>
Flushing Zone F1	4317 Pharris Place (F1-PHAR4317)	13-Jan-22	13:00	16:34	<input checked="" type="checkbox"/>
Flushing Zone F1	4318 Pharris Place (F1-PHAR4318)	13-Jan-22	14:00	16:37	<input checked="" type="checkbox"/>
Flushing Zone F1	4319 Pharris Place (F1-PHAR4319)	13-Jan-22	13:00	16:35	<input checked="" type="checkbox"/>
Flushing Zone F1	4320 Pharris Place (F1-PHAR4320)	13-Jan-22	12:00	16:26	<input checked="" type="checkbox"/>
Flushing Zone F1	4322 Pharris Place (F1-PHAR4322)	13-Jan-22	12:00	16:30	<input checked="" type="checkbox"/>
Flushing Zone F1	4700 Reeves Loop (F1-REEV4700)	13-Jan-22	12:00	14:53	<input checked="" type="checkbox"/>
Flushing Zone F1	4702 Reeves Loop (F1-REEV4702)	13-Jan-22	14:53	16:13	<input checked="" type="checkbox"/>
Flushing Zone F1	4704 Reeves Loop (F1-REEV4704)	13-Jan-22	12:00	14:54	<input checked="" type="checkbox"/>
Flushing Zone F1	4706 Reeves Loop (F1-REEV4706)	13-Jan-22	14:16	16:12	<input checked="" type="checkbox"/>
Flushing Zone F1	4707 Reeves Loop (F1-REEV4707)	13-Jan-22	12:27	16:07	<input checked="" type="checkbox"/>
Flushing Zone F1	4709 Reeves Loop (F1-REEV4709)	13-Jan-22	12:30	16:00	<input checked="" type="checkbox"/>
Flushing Zone F1	4711 Reeves Loop (F1-REEV4711)	13-Jan-22	13:00	17:25	<input checked="" type="checkbox"/>
Flushing Zone F1	4713 Reeves Loop (F1-REEV4713)	13-Jan-22	15:45	17:43	<input checked="" type="checkbox"/>
Flushing Zone F1	4714 Reeves Loop (F1-REEV4714)	13-Jan-22	12:18	14:16	<input checked="" type="checkbox"/>
Flushing Zone F1	4715 Reeves Loop (F1-REEV4715)	13-Jan-22	14:49	16:14	<input checked="" type="checkbox"/>
Flushing Zone F1	4716 Reeves Loop (F1-REEV4716)	13-Jan-22	12:17	14:16	<input checked="" type="checkbox"/>
Flushing Zone F1	4717 Reeves Loop (F1-REEV4717)	13-Jan-22	14:00	16:04	<input checked="" type="checkbox"/>
Flushing Zone F1	4718 Reeves Loop (F1-REEV4718)	13-Jan-22	14:33	17:44	<input checked="" type="checkbox"/>
Flushing Zone F1	4719 Reeves Loop (F1-REEV4719)	13-Jan-22	12:41	14:30	<input checked="" type="checkbox"/>
Flushing Zone F1	4720 Reeves Loop (F1-REEV4720)	13-Jan-22	14:34	16:11	<input checked="" type="checkbox"/>
Flushing Zone F1	4721 Reeves Loop (F1-REEV4721)	13-Jan-22	12:19	14:12	<input checked="" type="checkbox"/>
Flushing Zone F1	4722 Reeves Loop (F1-REEV4722)	13-Jan-22	15:00	17:36	<input checked="" type="checkbox"/>
Flushing Zone F1	4723 Reeves Loop (F1-REEV4723)	13-Jan-22	08:00	09:56	<input checked="" type="checkbox"/>
Flushing Zone F1	4724 Reeves Loop (F1-REEV4724)	13-Jan-22	16:00	17:56	<input checked="" type="checkbox"/>
Flushing Zone F1	4725 Reeves Loop (F1-REEV4725)	13-Jan-22	08:00	10:26	<input checked="" type="checkbox"/>
Flushing Zone F1	4726 Reeves Loop (F1-REEV4726)	13-Jan-22	16:33	18:20	<input checked="" type="checkbox"/>
Flushing Zone F1	4727 Reeves Loop (F1-REEV4727)	13-Jan-22	13:00	14:13	<input checked="" type="checkbox"/>
Flushing Zone F1	4728 Reeves Loop (F1-REEV4728)	13-Jan-22	16:19	18:21	<input checked="" type="checkbox"/>
Flushing Zone F1	4729 Reeves Loop (F1-REEV4729)	13-Jan-22	12:27	17:41	<input checked="" type="checkbox"/>
Flushing Zone F1	4731 Reeves Loop (F1-REEV4731)	13-Jan-22	17:30	19:05	<input checked="" type="checkbox"/>
Flushing Zone F1	4733 Reeves Loop (F1-REEV4733)	13-Jan-22	17:30	18:59	<input checked="" type="checkbox"/>
Flushing Zone F1	4735 Reeves Loop (F1-REEV4735)	13-Jan-22	13:00	17:37	<input checked="" type="checkbox"/>
Flushing Zone F1	4737 Reeves Loop (F1-REEV4737)	13-Jan-22	13:00	17:36	<input checked="" type="checkbox"/>
Flushing Zone F1	4739 Reeves Loop (F1-REEV4739)	13-Jan-22	12:18	15:08	<input checked="" type="checkbox"/>
Flushing Zone F1	4740 Reeves Loop (F1-REEV4740)	13-Jan-22	13:00	16:26	<input checked="" type="checkbox"/>
Flushing Zone F1	4741 Reeves Loop (F1-REEV4741)	13-Jan-22	12:23	15:13	<input checked="" type="checkbox"/>
Flushing Zone F1	4742 Reeves Loop (F1-REEV4742)	13-Jan-22	13:00	16:27	<input checked="" type="checkbox"/>
Flushing Zone F1	4743 Reeves Loop (F1-REEV4743)	13-Jan-22	16:00	18:08	<input checked="" type="checkbox"/>
Flushing Zone F1	4745 Reeves Loop (F1-REEV4745)	13-Jan-22	15:00	17:57	<input checked="" type="checkbox"/>
Flushing Zone F1	4747 Reeves Loop (F1-REEV4747)	13-Jan-22	12:00	14:26	<input checked="" type="checkbox"/>
Flushing Zone F1	4749 Reeves Loop (F1-REEV4749)	13-Jan-22	14:00	15:57	<input checked="" type="checkbox"/>
Flushing Zone F1	4751 Reeves Loop (F1-REEV4751)	13-Jan-22	14:00	16:22	<input checked="" type="checkbox"/>
Flushing Zone F1	4753 Reeves Loop (F1-REEV4753)	13-Jan-22	14:00	16:16	<input checked="" type="checkbox"/>
Flushing Zone F1	4755 Reeves Loop (F1-REEV4755)	13-Jan-22	16:00	17:54	<input checked="" type="checkbox"/>
Flushing Zone F1	4757 Reeves Loop (F1-REEV4757)	13-Jan-22	16:30	13:57	<input checked="" type="checkbox"/>
Flushing Zone F1	4758 Reeves Loop (F1-REEV4758)	13-Jan-22	14:00	16:34	<input checked="" type="checkbox"/>
Flushing Zone F1	4759 Reeves Loop (F1-REEV4759)	13-Jan-22	15:00	18:02	<input checked="" type="checkbox"/>
Flushing Zone F1	4760 Reeves Loop (F1-REEV4760)	13-Jan-22	16:00	17:59	<input checked="" type="checkbox"/>
Flushing Zone F1	4761 Reeves Loop (F1-REEV4761)	13-Jan-22	15:00	17:37	<input checked="" type="checkbox"/>
Flushing Zone F1	4763 Reeves Loop (F1-REEV4763)	13-Jan-22	17:13	10:39	<input checked="" type="checkbox"/>
Flushing Zone F1	4764 Reeves Loop (F1-REEV4764)	13-Jan-22	17:18	17:59	<input checked="" type="checkbox"/>
Flushing Zone F1	4765 Reeves Loop (F1-REEV4765)	13-Jan-22	17:12	18:08	<input checked="" type="checkbox"/>
Flushing Zone F1	4766 Reeves Loop (F1-REEV4766)	13-Jan-22	17:00	18:19	<input checked="" type="checkbox"/>
Flushing Zone F1	4767 Reeves Loop (F1-REEV4767)	13-Jan-22	17:20	18:18	<input checked="" type="checkbox"/>
Flushing Zone F1	4768 Reeves Loop (F1-REEV4768)	13-Jan-22	17:00	13:58	<input checked="" type="checkbox"/>
Flushing Zone F1	4769 Reeves Loop (F1-REEV4769)	14-Jan-22	08:00	09:41	<input checked="" type="checkbox"/>
Flushing Zone F1	4770 Reeves Loop (F1-REEV4770)	13-Jan-22	17:12	18:11	<input checked="" type="checkbox"/>
Flushing Zone F1	4101 Rood Court (F1-ROOD4101)	14-Jan-22	09:00	10:28	<input checked="" type="checkbox"/>
Flushing Zone F1	4103 Rood Court (F1-ROOD4103)	14-Jan-22	07:00	09:00	<input checked="" type="checkbox"/>
Flushing Zone F1	4105 Rood Court (F1-ROOD4105)	14-Jan-22	08:00	09:10	<input checked="" type="checkbox"/>

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Flushing Zone F1	4107 Rood Court (F1-ROOD4107)	14-Jan-22	09:00	10:12	<input checked="" type="checkbox"/>
Flushing Zone F1	4109 Rood Court (F1-ROOD4109)	14-Jan-22	08:00	09:40	<input checked="" type="checkbox"/>
Flushing Zone F1	4111 Rood Court (F1-ROOD4111)	14-Jan-22	08:00	09:01	<input checked="" type="checkbox"/>
Flushing Zone F1	4113 Rood Court (F1-ROOD4113)	14-Jan-22	08:00	10:54	<input checked="" type="checkbox"/>
Flushing Zone F1	4115 Rood Court (F1-ROOD4115)	14-Jan-22	08:00	09:14	<input checked="" type="checkbox"/>
Flushing Zone F1	4117 Rood Court (F1-ROOD4117)	14-Jan-22	09:00	10:57	<input checked="" type="checkbox"/>
Flushing Zone F1	4119 Rood Court (F1-ROOD4119)	14-Jan-22	10:00	14:32	<input checked="" type="checkbox"/>
Flushing Zone F1	4121 Rood Court (F1-ROOD4121)	14-Jan-22	10:00	12:52	<input checked="" type="checkbox"/>
Flushing Zone F1	4123 Rood Court (F1-ROOD4123)	14-Jan-22	10:00	13:03	<input checked="" type="checkbox"/>
Flushing Zone F1	4125 Rood Court (F1-ROOD4125)	14-Jan-22	10:00	11:25	<input checked="" type="checkbox"/>
Flushing Zone F1	4127 Rood Court (F1-ROOD4127)	14-Jan-22	10:00	12:29	<input checked="" type="checkbox"/>
Flushing Zone F1	4129 Rood Court (F1-ROOD4129)	14-Jan-22	07:00	10:28	<input checked="" type="checkbox"/>
Flushing Zone F1	4131 Rood Court (F1-ROOD4131)	14-Jan-22	09:00	10:09	<input checked="" type="checkbox"/>
Flushing Zone F1	4133 Rood Court (F1-ROOD4133)	14-Jan-22	15:30	15:28	<input checked="" type="checkbox"/>
Flushing Zone F1	4135 Rood Court (F1-ROOD4135)	14-Jan-22	07:00	09:42	<input checked="" type="checkbox"/>
Flushing Zone F1	4137 Rood Court (F1-ROOD4137)	14-Jan-22	07:00	08:59	<input checked="" type="checkbox"/>
Flushing Zone F1	4139 Rood Court (F1-ROOD4139)	14-Jan-22	07:00	08:58	<input checked="" type="checkbox"/>
Flushing Zone F1	4428 Ross Court (F1-ROSS4428)	13-Jan-22	13:15	15:00	<input checked="" type="checkbox"/>
Flushing Zone F1	4429 Ross Court (F1-ROSS4429)	13-Jan-22	12:28	13:44	<input checked="" type="checkbox"/>
Flushing Zone F1	4430 Ross Court (F1-ROSS4430)	13-Jan-22	13:13	15:01	<input checked="" type="checkbox"/>
Flushing Zone F1	4431 Ross Court (F1-ROSS4431)	13-Jan-22	12:17	13:42	<input checked="" type="checkbox"/>
Flushing Zone F1	4432 Ross Court (F1-ROSS4432)	13-Jan-22	13:50	15:13	<input checked="" type="checkbox"/>
Flushing Zone F1	4433 Ross Court (F1-ROSS4433)	13-Jan-22	13:25	14:51	<input checked="" type="checkbox"/>
Flushing Zone F1	4434 Ross Court (F1-ROSS4434)	13-Jan-22	14:00	15:24	<input checked="" type="checkbox"/>
Flushing Zone F1	4435 Ross Court (F1-ROSS4435)	13-Jan-22	13:25	14:53	<input checked="" type="checkbox"/>
Flushing Zone F1	4436 Ross Court (F1-ROSS4436)	13-Jan-22	12:42	15:28	<input checked="" type="checkbox"/>
Flushing Zone F1	4437 Ross Court (F1-ROSS4437)	13-Jan-22	12:19	13:39	<input checked="" type="checkbox"/>
Flushing Zone F1	4438 Ross Court (F1-ROSS4438)	13-Jan-22	12:55	14:15	<input checked="" type="checkbox"/>
Flushing Zone F1	4439 Ross Court (F1-ROSS4439)	13-Jan-22	12:27	13:44	<input checked="" type="checkbox"/>
Flushing Zone F1	4601 Scott Loop (F1-SCOT4601)	13-Jan-22	12:36	14:33	<input checked="" type="checkbox"/>
Flushing Zone F1	4603 Scott Loop (F1-SCOT4603)	13-Jan-22	12:00	10:17	<input checked="" type="checkbox"/>
Flushing Zone F1	4605 Scott Loop (F1-SCOT4605)	13-Jan-22	12:44	14:15	<input checked="" type="checkbox"/>
Flushing Zone F1	4607 Scott Loop (F1-SCOT4607)	13-Jan-22	13:00	17:59	<input checked="" type="checkbox"/>
Flushing Zone F1	4609 Scott Loop (F1-SCOT4609)	13-Jan-22	13:45	14:35	<input checked="" type="checkbox"/>
Flushing Zone F1	4611 Scott Loop (F1-SCOT4611)	13-Jan-22	12:25	14:26	<input checked="" type="checkbox"/>
Flushing Zone F1	4613 Scott Loop (F1-SCOT4613)	13-Jan-22	12:45	14:25	<input checked="" type="checkbox"/>
Flushing Zone F1	4615 Scott Loop (F1-SCOT4615)	14-Jan-22	11:22	12:12	<input checked="" type="checkbox"/>
Flushing Zone F1	4617 Scott Loop (F1-SCOT4617)	13-Jan-22	12:30	14:02	<input checked="" type="checkbox"/>
Flushing Zone F1	4619 Scott Loop (F1-SCOT4619)	13-Jan-22	12:30	14:11	<input checked="" type="checkbox"/>
Flushing Zone F1	4621 Scott Loop (F1-SCOT4621)	13-Jan-22	12:30	14:07	<input checked="" type="checkbox"/>
Flushing Zone F1	4623 Scott Loop (F1-SCOT4623)	13-Jan-22	12:25	14:19	<input checked="" type="checkbox"/>
Flushing Zone F1	4625 Scott Loop (F1-SCOT4625)	13-Jan-22	12:25	14:06	<input checked="" type="checkbox"/>
Flushing Zone F1	4627 Scott Loop (F1-SCOT4627)	13-Jan-22	12:45	14:00	<input checked="" type="checkbox"/>
Flushing Zone F1	3400 Taylor Street (F1-TAYL3400)	14-Jan-22	10:00	11:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3401 Taylor Street (F1-TAYL3401)	14-Jan-22	11:00	12:56	<input checked="" type="checkbox"/>
Flushing Zone F1	3402 Taylor Street (F1-TAYL3402)	14-Jan-22	10:00	11:29	<input checked="" type="checkbox"/>
Flushing Zone F1	3403 Taylor Street (F1-TAYL3403)	14-Jan-22	11:00	12:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3404 Taylor Street (F1-TAYL3404)	14-Jan-22	10:00	11:29	<input checked="" type="checkbox"/>
Flushing Zone F1	3405 Taylor Street (F1-TAYL3405)	14-Jan-22	11:00	12:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3406 Taylor Street (F1-TAYL3406)	14-Jan-22	10:00	11:31	<input checked="" type="checkbox"/>
Flushing Zone F1	3407 Taylor Street (F1-TAYL3407)	14-Jan-22	11:00	12:59	<input checked="" type="checkbox"/>
Flushing Zone F1	3408 Taylor Street (F1-TAYL3408)	14-Jan-22	10:00	12:07	<input checked="" type="checkbox"/>
Flushing Zone F1	3409 Taylor Street (F1-TAYL3409)	14-Jan-22	08:37	10:38	<input checked="" type="checkbox"/>
Flushing Zone F1	3410 Taylor Street (F1-TAYL3410)	14-Jan-22	10:00	12:08	<input checked="" type="checkbox"/>
Flushing Zone F1	3411 Taylor Street (F1-TAYL3411)	14-Jan-22	08:32	10:34	<input checked="" type="checkbox"/>
Flushing Zone F1	3412 Taylor Street (F1-TAYL3412)	14-Jan-22	08:00	12:04	<input checked="" type="checkbox"/>
Flushing Zone F1	3413 Taylor Street (F1-TAYL3413)	14-Jan-22	08:34	10:36	<input checked="" type="checkbox"/>
Flushing Zone F1	3414 Taylor Street (F1-TAYL3414)	14-Jan-22	08:00	12:05	<input checked="" type="checkbox"/>
Flushing Zone F1	3415 Taylor Street (F1-TAYL3415)	14-Jan-22	10:00	11:23	<input checked="" type="checkbox"/>
Flushing Zone F1	3416 Taylor Street (F1-TAYL3416)	14-Jan-22	08:00	10:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3417 Taylor Street (F1-TAYL3417)	13-Jan-22	15:00	17:06	<input checked="" type="checkbox"/>
Flushing Zone F1	3418 Taylor Street (F1-TAYL3418)	13-Jan-22	15:00	17:07	<input checked="" type="checkbox"/>
Flushing Zone F1	3419 Taylor Street (F1-TAYL3419)	13-Jan-22	15:00	17:08	<input checked="" type="checkbox"/>

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Flushing Zone F1	3420 Taylor Street (F1-TAYL3420)	14-Jan-22	15:00	14:35	<input checked="" type="checkbox"/>
Flushing Zone F1	3421 Taylor Street (F1-TAYL3421)	13-Jan-22	16:00	17:22	<input checked="" type="checkbox"/>
Flushing Zone F1	3422 Taylor Street (F1-TAYL3422)	14-Jan-22	09:00	10:26	<input checked="" type="checkbox"/>
Flushing Zone F1	3423 Taylor Street (F1-TAYL3423)	13-Jan-22	15:40	17:23	<input checked="" type="checkbox"/>
Flushing Zone F1	3424 Taylor Street (F1-TAYL3424)	14-Jan-22	08:00	12:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3426 Taylor Street (F1-TAYL3426)	14-Jan-22	08:00	12:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3428 Taylor Street (F1-TAYL3428)	14-Jan-22	09:00	12:26	<input checked="" type="checkbox"/>
Flushing Zone F1	3430 Taylor Street (F1-TAYL3430)	14-Jan-22	09:00	12:26	<input checked="" type="checkbox"/>
Flushing Zone F1	3432 Taylor Street (F1-TAYL3432)	14-Jan-22	08:00	10:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3434 Taylor Street (F1-TAYL3434)	14-Jan-22	08:00	11:03	<input checked="" type="checkbox"/>
Flushing Zone F1	3436 Taylor Street (F1-TAYL3436)	14-Jan-22	08:00	10:59	<input checked="" type="checkbox"/>
Flushing Zone F1	3438 Taylor Street (F1-TAYL3438)	14-Jan-22	10:00	11:04	<input checked="" type="checkbox"/>
Flushing Zone F1	3440 Taylor Street (F1-TAYL3440)	14-Jan-22	08:00	08:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3442 Taylor Street (F1-TAYL3442)	14-Jan-22	08:00	08:55	<input checked="" type="checkbox"/>
Flushing Zone F1	3444 Taylor Street (F1-TAYL3444)	14-Jan-22	08:00	08:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3446 Taylor Street (F1-TAYL3446)	14-Jan-22	08:00	08:59	<input checked="" type="checkbox"/>
Flushing Zone F1	3448 Taylor Street (F1-TAYL3448)	14-Jan-22	08:00	13:08	<input checked="" type="checkbox"/>
Flushing Zone F1	3450 Taylor Street (F1-TAYL3450)	14-Jan-22	08:00	13:09	<input checked="" type="checkbox"/>
Flushing Zone F1	3452 Taylor Street (F1-TAYL3452)	14-Jan-22	09:00	13:10	<input checked="" type="checkbox"/>
Flushing Zone F1	3454 Taylor Street (F1-TAYL3454)	14-Jan-22	10:00	13:11	<input checked="" type="checkbox"/>
Flushing Zone F1	3456 Taylor Street (F1-TAYL3456)	14-Jan-22	11:00	12:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3458 Taylor Street (F1-TAYL3458)	14-Jan-22	08:00	10:36	<input checked="" type="checkbox"/>
Flushing Zone F1	3460 Taylor Street (F1-TAYL3460)	14-Jan-22	09:00	10:37	<input checked="" type="checkbox"/>
Flushing Zone F1	3462 Taylor Street (F1-TAYL3462)	14-Jan-22	09:00	10:33	<input checked="" type="checkbox"/>
Flushing Zone F1	3464 Taylor Street (F1-TAYL3464)	13-Jan-22	15:40	17:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3465 Taylor Street (F1-TAYL3465)	13-Jan-22	15:03	17:27	<input checked="" type="checkbox"/>
Flushing Zone F1	3466 Taylor Street (F1-TAYL3466)	14-Jan-22	09:00	10:14	<input checked="" type="checkbox"/>
Flushing Zone F1	3467 Taylor Street (F1-TAYL3467)	13-Jan-22	14:31	17:28	<input checked="" type="checkbox"/>
Flushing Zone F1	3468 Taylor Street (F1-TAYL3468)	13-Jan-22	15:06	16:00	<input checked="" type="checkbox"/>
Flushing Zone F1	3469 Taylor Street (F1-TAYL3469)	13-Jan-22	15:00	17:29	<input checked="" type="checkbox"/>
Flushing Zone F1	3470 Taylor Street (F1-TAYL3470)	13-Jan-22	15:45	16:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3471 Taylor Street (F1-TAYL3471)	13-Jan-22	14:30	16:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3472 Taylor Street (F1-TAYL3472)	13-Jan-22	15:00	16:34	<input checked="" type="checkbox"/>
Flushing Zone F1	3473 Taylor Street (F1-TAYL3473)	13-Jan-22	15:20	16:53	<input checked="" type="checkbox"/>
Flushing Zone F1	3474 Taylor Street (F1-TAYL3474)	13-Jan-22	14:50	16:12	<input checked="" type="checkbox"/>
Flushing Zone F1	3475 Taylor Street (F1-TAYL3475)	13-Jan-22	13:45	16:55	<input checked="" type="checkbox"/>
Flushing Zone F1	3476 Taylor Street (F1-TAYL3476)	13-Jan-22	15:08	16:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3477 Taylor Street (F1-TAYL3477)	13-Jan-22	14:06	16:56	<input checked="" type="checkbox"/>
Flushing Zone F1	3478 Taylor Street (F1-TAYL3478)	13-Jan-22	15:09	17:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3479 Taylor Street (F1-TAYL3479)	13-Jan-22	14:26	16:59	<input checked="" type="checkbox"/>
Flushing Zone F1	3480 Taylor Street (F1-TAYL3480)	13-Jan-22	14:45	15:55	<input checked="" type="checkbox"/>
Flushing Zone F1	3481 Taylor Street (F1-TAYL3481)	13-Jan-22	14:15	17:00	<input checked="" type="checkbox"/>
Flushing Zone F1	3482 Taylor Street (F1-TAYL3482)	13-Jan-22	14:47	16:39	<input checked="" type="checkbox"/>
Flushing Zone F1	3483 Taylor Street (F1-TAYL3483)	13-Jan-22	14:16	17:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3484 Taylor Street (F1-TAYL3484)	13-Jan-22	14:40	15:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3485 Taylor Street (F1-TAYL3485)	13-Jan-22	14:40	17:03	<input checked="" type="checkbox"/>
Flushing Zone F1	3486 Taylor Street (F1-TAYL3486)	13-Jan-22	14:30	15:55	<input checked="" type="checkbox"/>
Flushing Zone F1	3487 Taylor Street (F1-TAYL3487)	13-Jan-22	14:40	17:04	<input checked="" type="checkbox"/>
Flushing Zone F1	3488 Taylor Street (F1-TAYL3488)	14-Jan-22	08:00	09:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3489 Taylor Street (F1-TAYL3489)	13-Jan-22	14:00	17:05	<input checked="" type="checkbox"/>
Flushing Zone F1	3490 Taylor Street (F1-TAYL3490)	13-Jan-22	14:21	15:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3491 Taylor Street (F1-TAYL3491)	13-Jan-22	14:00	16:51	<input checked="" type="checkbox"/>
Flushing Zone F1	3492 Taylor Street (F1-TAYL3492)	13-Jan-22	14:30	16:01	<input checked="" type="checkbox"/>
Flushing Zone F1	3494 Taylor Street (F1-TAYL3494)	13-Jan-22	14:20	15:40	<input checked="" type="checkbox"/>
Flushing Zone F1	3496 Taylor Street (F1-TAYL3496)	13-Jan-22	14:00	14:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3498 Taylor Street (F1-TAYL3498)	13-Jan-22	14:00	14:57	<input checked="" type="checkbox"/>
Flushing Zone F1	4200 Thomas Way (F1-THOM4200)	13-Jan-22	15:00	16:42	<input checked="" type="checkbox"/>
Flushing Zone F1	4201 Thomas Way (F1-THOM4201)	13-Jan-22	15:00	16:45	<input checked="" type="checkbox"/>
Flushing Zone F1	4202 Thomas Way (F1-THOM4202)	13-Jan-22	15:00	16:43	<input checked="" type="checkbox"/>
Flushing Zone F1	4203 Thomas Way (F1-THOM4203)	13-Jan-22	16:00	16:50	<input checked="" type="checkbox"/>
Flushing Zone F1	4204 Thomas Way (F1-THOM4204)	13-Jan-22	11:00	16:50	<input checked="" type="checkbox"/>
Flushing Zone F1	4205 Thomas Way (F1-THOM4205)	13-Jan-22	15:00	17:15	<input checked="" type="checkbox"/>
Flushing Zone F1	4206 Thomas Way (F1-THOM4206)	13-Jan-22	15:00	16:44	<input checked="" type="checkbox"/>

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Flushing Zone F1	4207 Thomas Way (F1-THOM4207)	13-Jan-22	15:00	16:52	<input checked="" type="checkbox"/>
Flushing Zone F1	4208 Thomas Way (F1-THOM4208)	13-Jan-22	16:00	18:02	<input checked="" type="checkbox"/>
Flushing Zone F1	4209 Thomas Way (F1-THOM4209)	13-Jan-22	16:00	17:06	<input checked="" type="checkbox"/>
Flushing Zone F1	4210 Thomas Way (F1-THOM4210)	13-Jan-22	15:00	18:07	<input checked="" type="checkbox"/>
Flushing Zone F1	4211 Thomas Way (F1-THOM4211)	13-Jan-22	13:00	18:14	<input checked="" type="checkbox"/>
Flushing Zone F1	4212 Thomas Way (F1-THOM4212)	13-Jan-22	13:00	18:15	<input checked="" type="checkbox"/>
Flushing Zone F1	4213 Thomas Way (F1-THOM4213)	14-Jan-22	08:00	10:07	<input checked="" type="checkbox"/>
Flushing Zone F1	4214 Thomas Way (F1-THOM4214)	13-Jan-22	16:00	18:17	<input checked="" type="checkbox"/>
Flushing Zone F1	4215 Thomas Way (F1-THOM4215)	13-Jan-22	16:00	18:20	<input checked="" type="checkbox"/>
Flushing Zone F1	4216 Thomas Way (F1-THOM4216)	13-Jan-22	14:30	17:10	<input checked="" type="checkbox"/>
Flushing Zone F1	4218 Thomas Way (F1-THOM4218)	13-Jan-22	14:30	17:11	<input checked="" type="checkbox"/>
Flushing Zone F1	4220 Thomas Way (F1-THOM4220)	13-Jan-22	15:30	17:12	<input checked="" type="checkbox"/>
Flushing Zone F1	4222 Thomas Way (F1-THOM4222)	13-Jan-22	15:30	17:13	<input checked="" type="checkbox"/>
Flushing Zone F1	3177 Tonich Court (F1-TOMI3177)	14-Jan-22	07:30	09:54	<input checked="" type="checkbox"/>
Flushing Zone F1	3179 Tonich Court (F1-TOMI3179)	14-Jan-22	07:49	10:04	<input checked="" type="checkbox"/>
Flushing Zone F1	3180 Tonich Court (F1-TOMI3180)	14-Jan-22	07:34	09:16	<input checked="" type="checkbox"/>
Flushing Zone F1	3181 Tonich Court (F1-TOMI3181)	14-Jan-22	07:40	10:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3182 Tonich Court (F1-TOMI3182)	14-Jan-22	09:00	10:16	<input checked="" type="checkbox"/>
Flushing Zone F1	3183 Tonich Court (F1-TOMI3183)	14-Jan-22	07:40	10:42	<input checked="" type="checkbox"/>
Flushing Zone F1	3184 Tonich Court (F1-TOMI3184)	14-Jan-22	08:00	09:18	<input checked="" type="checkbox"/>
Flushing Zone F1	3185 Tonich Court (F1-TOMI3185)	14-Jan-22	08:30	09:58	<input checked="" type="checkbox"/>
Flushing Zone F1	3186 Tonich Court (F1-TOMI3186)	14-Jan-22	08:00	09:18	<input checked="" type="checkbox"/>
Flushing Zone F1	3187 Tonich Court (F1-TOMI3187)	14-Jan-22	08:31	09:57	<input checked="" type="checkbox"/>
Flushing Zone F1	3188 Tonich Court (F1-TOMI3188)	14-Jan-22	07:38	09:37	<input checked="" type="checkbox"/>
Flushing Zone F1	3189 Tonich Court (F1-TOMI3189)	14-Jan-22	20:00	09:31	<input checked="" type="checkbox"/>
Flushing Zone F1	3190 Tonich Court (F1-TOMI3190)	14-Jan-22	07:52	09:49	<input checked="" type="checkbox"/>
Flushing Zone F1	3191 Tonich Court (F1-TOMI3191)	14-Jan-22	08:00	09:28	<input checked="" type="checkbox"/>
Flushing Zone F1	3192 Tonich Court (F1-TOMI3192)	14-Jan-22	07:41	09:29	<input checked="" type="checkbox"/>
Flushing Zone F1	3193 Tonich Court (F1-TOMI3193)	14-Jan-22	07:00	09:05	<input checked="" type="checkbox"/>
Flushing Zone F1	3194 Tonich Court (F1-TOMI3194)	14-Jan-22	08:27	09:28	<input checked="" type="checkbox"/>
Flushing Zone F1	3195 Tonich Court (F1-TOMI3195)	14-Jan-22	07:00	09:06	<input checked="" type="checkbox"/>
Flushing Zone F1	3197 Tonich Court (F1-TOMI3197)	14-Jan-22	07:40	09:47	<input checked="" type="checkbox"/>
Flushing Zone F1	3199 Tonich Court (F1-TOMI3199)	14-Jan-22	19:30	09:34	<input checked="" type="checkbox"/>
Flushing Zone F1	3200 Tonich Court (F1-TOMI3200)	14-Jan-22	09:39	10:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3201 Tonich Court (F1-TOMI3201)	14-Jan-22	07:59	10:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3202 Tonich Court (F1-TOMI3202)	14-Jan-22	09:39	10:31	<input checked="" type="checkbox"/>
Flushing Zone F1	3203 Tonich Court (F1-TOMI3203)	14-Jan-22	09:13	11:08	<input checked="" type="checkbox"/>
Flushing Zone F1	3204 Tonich Court (F1-TOMI3204)	14-Jan-22	08:49	10:24	<input checked="" type="checkbox"/>
Flushing Zone F1	3205 Tonich Court (F1-TOMI3205)	14-Jan-22	09:55	10:41	<input checked="" type="checkbox"/>
Flushing Zone F1	3206 Tonich Court (F1-TOMI3206)	14-Jan-22	08:04	09:06	<input checked="" type="checkbox"/>
Flushing Zone F1	3207 Tonich Court (F1-TOMI3207)	14-Jan-22	08:11	10:42	<input checked="" type="checkbox"/>
Flushing Zone F1	3208 Tonich Court (F1-TOMI3208)	14-Jan-22	08:00	09:49	<input checked="" type="checkbox"/>
Flushing Zone F1	3209 Tonich Court (F1-TOMI3209)	14-Jan-22	09:33	10:50	<input checked="" type="checkbox"/>
Flushing Zone F1	3210 Tonich Court (F1-TOMI3210)	14-Jan-22	08:00	09:51	<input checked="" type="checkbox"/>
Flushing Zone F1	3211 Tonich Court (F1-TOMI3211)	14-Jan-22	09:30	11:02	<input checked="" type="checkbox"/>
Flushing Zone F1	3212 Tonich Court (F1-TOMI3212)	14-Jan-22	07:53	09:19	<input checked="" type="checkbox"/>
Flushing Zone F1	3213 Tonich Court (F1-TOMI3213)	14-Jan-22	07:59	09:11	<input checked="" type="checkbox"/>
Flushing Zone F1	3214 Tonich Court (F1-TOMI3214)	14-Jan-22	08:15	09:22	<input checked="" type="checkbox"/>
Flushing Zone F1	3215 Tonich Court (F1-TOMI3215)	14-Jan-22	08:14	09:40	<input checked="" type="checkbox"/>
Flushing Zone F1	3216 Tonich Court (F1-TOMI3216)	14-Jan-22	07:55	09:45	<input checked="" type="checkbox"/>
Flushing Zone F1	3217 Tonich Court (F1-TOMI3217)	14-Jan-22	08:13	09:21	<input checked="" type="checkbox"/>
Flushing Zone F1	3218 Tonich Court (F1-TOMI3218)	14-Jan-22	08:14	09:44	<input checked="" type="checkbox"/>
Flushing Zone F1	3219 Tonich Court (F1-TOMI3219)	14-Jan-22	08:20	09:46	<input checked="" type="checkbox"/>
Flushing Zone F1	3220 Tonich Court (F1-TOMI3220)	14-Jan-22	08:00	09:54	<input checked="" type="checkbox"/>
Flushing Zone F1	3221 Tonich Court (F1-TOMI3221)	14-Jan-22	08:02	09:53	<input checked="" type="checkbox"/>
Flushing Zone F1	3222 Tonich Court (F1-TOMI3222)	14-Jan-22	08:01	11:33	<input checked="" type="checkbox"/>
Flushing Zone F1	3223 Tonich Court (F1-TOMI3223)	14-Jan-22	08:02	09:54	<input checked="" type="checkbox"/>
Flushing Zone F1	3224 Tonich Court (F1-TOMI3224)	14-Jan-22	08:08	09:43	<input checked="" type="checkbox"/>
Flushing Zone F1	3225 Tonich Court (F1-TOMI3225)	14-Jan-22	08:44	10:02	<input checked="" type="checkbox"/>
Flushing Zone F1	3226 Tonich Court (F1-TOMI3226)	14-Jan-22	08:02	09:43	<input checked="" type="checkbox"/>
Flushing Zone F1	3227 Tonich Court (F1-TOMI3227)	14-Jan-22	08:00	09:28	<input checked="" type="checkbox"/>
Flushing Zone F1	3228 Tonich Court (F1-TOMI3228)	14-Jan-22	09:42	11:15	<input checked="" type="checkbox"/>
Flushing Zone F1	3229 Tonich Court (F1-TOMI3229)	14-Jan-22	07:58	09:38	<input checked="" type="checkbox"/>

Flushing Zone F1

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Flushing Zone F1	3230 Tonlich Court (F1-TOMI3230)	14-Jan-22	08:20	09:44	<input checked="" type="checkbox"/>
Flushing Zone F1	3231 Tonlich Court (F1-TOMI3231)	14-Jan-22	08:14	09:44	<input checked="" type="checkbox"/>
Flushing Zone F1	3232 Tonlich Court (F1-TOMI3232)	14-Jan-22	07:57	11:30	<input checked="" type="checkbox"/>
Flushing Zone F1	3233 Tonlich Court (F1-TOMI3233)	14-Jan-22	11:03	11:30	<input checked="" type="checkbox"/>
Flushing Zone F1	3234 Tonlich Court (F1-TOMI3234)	14-Jan-22	08:21	09:26	<input checked="" type="checkbox"/>
Flushing Zone F1	3235 Tonlich Court (F1-TOMI3235)	14-Jan-22	10:00	11:30	<input checked="" type="checkbox"/>
Flushing Zone F1	3236 Tonlich Court (F1-TOMI3236)	14-Jan-22	09:31	10:32	<input checked="" type="checkbox"/>
Flushing Zone F1	3238 Tonlich Court (F1-TOMI3238)	14-Jan-22	08:53	10:11	<input checked="" type="checkbox"/>
Flushing Zone F1	3240 Tonlich Court (F1-TOMI3240)	14-Jan-22	07:50	09:52	<input checked="" type="checkbox"/>
Flushing Zone F1	3242 Tonlich Court (F1-TOMI3242)	14-Jan-22	07:51	09:23	<input checked="" type="checkbox"/>
Flushing Zone F1	3244 Tonlich Court (F1-TOMI3244)	14-Jan-22	09:25	10:48	<input checked="" type="checkbox"/>
Flushing Zone F1	3246 Tonlich Court (F1-TOMI3246)	14-Jan-22	09:38	11:25	<input checked="" type="checkbox"/>
Flushing Zone F1	3248 Tonlich Court (F1-TOMI3248)	14-Jan-22	09:00	11:13	<input checked="" type="checkbox"/>
Flushing Zone F1	3250 Tonlich Court (F1-TOMI3250)	14-Jan-22	08:00	09:38	<input checked="" type="checkbox"/>
Flushing Zone F1	3252 Tonlich Court (F1-TOMI3252)	14-Jan-22	09:00	11:14	<input checked="" type="checkbox"/>
Flushing Zone F1	3254 Tonlich Court (F1-TOMI3254)	14-Jan-22	08:00	09:44	<input checked="" type="checkbox"/>
Flushing Zone F1	5101 Warden Court (F1-WARD5101)	13-Jan-22	12:00	15:04	<input checked="" type="checkbox"/>
Flushing Zone F1	5103 Warden Court (F1-WARD5103)	13-Jan-22	15:00	18:02	<input checked="" type="checkbox"/>
Flushing Zone F1	5105 Warden Court (F1-WARD5105)	13-Jan-22	12:25	13:38	<input checked="" type="checkbox"/>
Flushing Zone F1	5107 Warden Court (F1-WARD5107)	13-Jan-22	14:16	14:59	<input checked="" type="checkbox"/>
Flushing Zone F1	5109 Warden Court (F1-WARD5109)	13-Jan-22	12:30	13:41	<input checked="" type="checkbox"/>
Flushing Zone F1	5111 Warden Court (F1-WARD5111)	13-Jan-22	13:46	18:06	<input checked="" type="checkbox"/>
Flushing Zone F1	5113 Warden Court (F1-WARD5113)	13-Jan-22	12:31	14:19	<input checked="" type="checkbox"/>
Flushing Zone F1	5115 Warden Court (F1-WARD5115)	13-Jan-22	12:32	14:42	<input checked="" type="checkbox"/>
Flushing Zone F1	5116 Warden Court (F1-WARD5116)	14-Jan-22	08:20	09:35	<input checked="" type="checkbox"/>
Flushing Zone F1	5117 Warden Court (F1-WARD5117)	13-Jan-22	12:49	14:32	<input checked="" type="checkbox"/>
Flushing Zone F1	5118 Warden Court (F1-WARD5118)	14-Jan-22	09:07	10:03	<input checked="" type="checkbox"/>
Flushing Zone F1	5119 Warden Court (F1-WARD5119)	13-Jan-22	12:45	14:31	<input checked="" type="checkbox"/>
Flushing Zone F1	5121 Warden Court (F1-WARD5121)	13-Jan-22	14:47	16:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5123 Warden Court (F1-WARD5123)	13-Jan-22	14:48	17:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5125 Warden Court (F1-WARD5125)	13-Jan-22	14:46	16:03	<input checked="" type="checkbox"/>
Flushing Zone F1	5127 Warden Court (F1-WARD5127)	13-Jan-22	15:05	16:30	<input checked="" type="checkbox"/>
Flushing Zone F1	5129 Warden Court (F1-WARD5129)	13-Jan-22	15:20	16:50	<input checked="" type="checkbox"/>
Flushing Zone F1	5131 Warden Court (F1-WARD5131)	13-Jan-22	15:25	16:25	<input checked="" type="checkbox"/>
Flushing Zone F1	5133 Warden Court (F1-WARD5133)	13-Jan-22	16:07	17:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5135 Warden Court (F1-WARD5135)	13-Jan-22	16:07	18:13	<input checked="" type="checkbox"/>
Flushing Zone F1	5137 Warden Court (F1-WARD5137)	13-Jan-22	16:34	17:32	<input checked="" type="checkbox"/>
Flushing Zone F1	5139 Warden Court (F1-WARD5139)	13-Jan-22	17:00	19:08	<input checked="" type="checkbox"/>
Flushing Zone F1	5140 Warden Court (F1-WARD5140)	14-Jan-22	13:00	14:21	<input checked="" type="checkbox"/>
Flushing Zone F1	5141 Warden Court (F1-WARD5141)	13-Jan-22	17:00	18:07	<input checked="" type="checkbox"/>
Flushing Zone F1	5142 Warden Court (F1-WARD5142)	14-Jan-22	12:00	14:02	<input checked="" type="checkbox"/>
Flushing Zone F1	5143 Warden Court (F1-WARD5143)	13-Jan-22	17:00	18:08	<input checked="" type="checkbox"/>
Flushing Zone F1	5144 Warden Court (F1-WARD5144)	14-Jan-22	13:00	14:20	<input checked="" type="checkbox"/>
Flushing Zone F1	5145 Warden Court (F1-WARD5145)	14-Jan-22	08:08	08:59	<input checked="" type="checkbox"/>
Flushing Zone F1	5146 Warden Court (F1-WARD5146)	14-Jan-22	12:00	13:08	<input checked="" type="checkbox"/>
Flushing Zone F1	5147 Warden Court (F1-WARD5147)	14-Jan-22	08:07	08:59	<input checked="" type="checkbox"/>
Flushing Zone F1	5148 Warden Court (F1-WARD5148)	14-Jan-22	12:13	14:08	<input checked="" type="checkbox"/>
Flushing Zone F1	5149 Warden Court (F1-WARD5149)	14-Jan-22	08:07	09:09	<input checked="" type="checkbox"/>
Flushing Zone F1	5150 Warden Court (F1-WARD5150)	14-Jan-22	11:50	13:33	<input checked="" type="checkbox"/>
Flushing Zone F1	5151 Warden Court (F1-WARD5151)	14-Jan-22	08:06	09:14	<input checked="" type="checkbox"/>
Flushing Zone F1	5152 Warden Court (F1-WARD5152)	14-Jan-22	12:08	13:10	<input checked="" type="checkbox"/>
Flushing Zone F1	5153 Warden Court (F1-WARD5153)	14-Jan-22	08:00	09:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5154 Warden Court (F1-WARD5154)	14-Jan-22	11:26	12:47	<input checked="" type="checkbox"/>
Flushing Zone F1	5155 Warden Court (F1-WARD5155)	14-Jan-22	09:00	10:33	<input checked="" type="checkbox"/>
Flushing Zone F1	5157 Warden Court (F1-WARD5157)	14-Jan-22	08:21	09:57	<input checked="" type="checkbox"/>
Flushing Zone F1	5159 Warden Court (F1-WARD5159)	14-Jan-22	08:20	09:15	<input checked="" type="checkbox"/>
Flushing Zone F1	5161 Warden Court (F1-WARD5161)	14-Jan-22	08:20	10:12	<input checked="" type="checkbox"/>
Flushing Zone F1	5163 Warden Court (F1-WARD5163)	14-Jan-22	08:24	10:28	<input checked="" type="checkbox"/>
Flushing Zone F1	5165 Warden Court (F1-WARD5165)	14-Jan-22	09:14	10:30	<input checked="" type="checkbox"/>
Flushing Zone F1	5167 Warden Court (F1-WARD5167)	14-Jan-22	09:14	10:29	<input checked="" type="checkbox"/>
Flushing Zone F1	5169 Warden Court (F1-WARD5169)	14-Jan-22	09:21	10:22	<input checked="" type="checkbox"/>
Flushing Zone F1	5170 Warden Court (F1-WARD5170)	14-Jan-22	12:00	13:50	<input checked="" type="checkbox"/>
Flushing Zone F1	5171 Warden Court (F1-WARD5171)	14-Jan-22	09:48	10:23	<input checked="" type="checkbox"/>

Flushing Zone F1

2022-01-13 - 2022-01-21

Flushing Zone F1	5172 Warden Court (F1-WARD5172)	14-Jan-22	11:00	12:25	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5173 Warden Court (F1-WARD5173)	14-Jan-22	10:00	11:34	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5174 Warden Court (F1-WARD5174)	14-Jan-22	10:31	12:51	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5175 Warden Court (F1-WARD5175)	14-Jan-22	10:00	12:19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5176 Warden Court (F1-WARD5176)	14-Jan-22	10:32	13:51	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5177 Warden Court (F1-WARD5177)	14-Jan-22	10:04	11:01	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5178 Warden Court (F1-WARD5178)	14-Jan-22	10:30	12:19	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5179 Warden Court (F1-WARD5179)	14-Jan-22	11:34	11:59	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Flushing Zone F1	5180 Warden Court (F1-WARD5180)	14-Jan-22	10:29	12:20	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Key

Not Started

No Access

In Progress

Complete

Flushing Zone F1

2022-01-11 - 2022-01-19

Total Facilities				Flushed on Selected Dates			
Total	Percent Complete	No	Flushed on Selected Dates	93	100.0 %	0	93
93							

Zone	Address	Arrive Date	Start Time	Finish Time	Certified	Summary General Notes	Unable To Access	Access Reason
Flushing Zone F1	8135 GOLF COURSE WATER PUMP STA	18-Jan-22	10:00	08:19	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 1684,NEX DIST CENTER-	18-Jan-22	14:00	12:32	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 180,PWC WORK AREA (F1-	18-Jan-22	09:00	12:26	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 1922,TELEPHONE XCHGE-	19-Jan-22	09:00	13:09	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2269,NEX GARDEN SHOP	14-Jan-22	12:00	12:46	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2272,NEX GARDEN SHOP	14-Jan-22	00:00	12:47	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2273,NEX GARDEN SHOP	14-Jan-22	00:00	12:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2283,MOANALUA CAR WASH	18-Jan-22	00:00	09:41	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2450,BSTR PMP STA BLDG-	16-Jan-22	11:00	09:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2453,DRY CLEAN	18-Jan-22	13:00	12:29	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2601,CHEVRON GAS STATION	18-Jan-22	10:00	12:58	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2637,NEX HARDWARE STORE	14-Jan-22	00:00	12:50	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2637A,GENERAL STORAGE (F1-	11-Jan-22	10:00	12:58	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2638,MCDONALD'S	13-Jan-22	10:05	11:03	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2641,AUTO HOBBY SHOP-	18-Jan-22	00:00	08:59	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2641A,AUTO HOBBY SHOP	18-Jan-22	00:00	09:00	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2641B,AUTO HOBBY SHOP-	18-Jan-22	00:00	09:01	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2643,JACO BELL MOANALUA	18-Jan-22	00:00	09:02	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2644,JACK IN THE BOX MOA	18-Jan-22	12:00	12:25	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2646,NEX PET STORE-	14-Jan-22	00:00	12:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2647,7-ELEVEN STORE MOA	18-Jan-22	09:00	12:51	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2649,LOCKER RM/DRIVING	18-Jan-22	14:00	12:48	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2650A,CHILLER KFC (F1-	18-Jan-22	00:00	09:04	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2650B,UTILITY BUILDING (F1-	18-Jan-22	13:00	09:08	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2652,NAVY ALOHA CENTER (F1-	14-Jan-22	14:00	12:20	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2654,PANDA EXPRESS 4847	18-Jan-22	11:00	12:46	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2655,FOOD/SERVICE STORES	18-Jan-22	11:00	12:40	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 2656,FOOD/SERVICE BUILDING	18-Jan-22	14:00	12:42	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 270,GOLF COURSE SNACK	18-Jan-22	14:00	12:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 271,GOLF COURSE FAC (F1-	18-Jan-22	11:00	12:59	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 272,GOLF COURSE CART SHED	18-Jan-22	08:00	12:57	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 275,GOLF COURSE WATER	18-Jan-22	15:00	13:01	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 276,NEX OUTDOOR LIVING	14-Jan-22	00:00	12:52	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 32,SAFETY DEPT RECORD STG	18-Jan-22	10:00	12:40	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 35,PW SHOP MATL STORAGE	18-Jan-22	07:00	12:41	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 39,ROOFING/LABOR SHOP (F1-	19-Jan-22	10:00	09:12	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 40,NFH CONF/ENERGY TEAM	18-Jan-22	08:00	12:22	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 43,PW MAINTENANCE SHOP	11-Jan-22	10:00	12:45	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 44,NAVSUP NAVFAC SUPPORT	18-Jan-22	14:00	12:20	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 48,MAINTENANCE SHOP	17-Jan-22	12:00	09:19	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 4827,JOINT BASE PHH	14-Jan-22	11:00	12:23	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 4867,CHURCH (F1-BLDG4867)	14-Jan-22	17:00	13:02	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 4868,CHURCH CDC	18-Jan-22	13:00	13:00	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 53,GATEHOUSE /PWC MAIN	14-Jan-22	08:00	13:06	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 54,NFH ADMINISTRATIVE	14-Jan-22	08:00	13:08	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 55,ADMIN OFFICE (F1-	13-Jan-22	12:00	12:23	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 59,PUBLIC TOILET-PWC COMP	13-Jan-22	12:00	12:28	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 617,PEARL HARBOR	14-Jan-22	08:00	12:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 62,NAVY FCU/PACDIV ROICC	13-Jan-22	16:00	14:07	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 63,PENTAGON FEDERAL CREDIT	14-Jan-22	18:00	13:11	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 631,NAVY EXCHANGE MAIN	19-Jan-22	14:00	13:08	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 70,NEX APPLIANCE STORE (F1-	15-Jan-22	11:00	09:21	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 71,NEX SERVICE STATION-	14-Jan-22	16:00	13:35	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 72,NFH SHOPS TOOL REPAIR	15-Jan-22	13:00	09:22	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 73,ADMIN STORAGE BUILDING	18-Jan-22	13:00	12:49	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 74,CONSTRUCTION SHOP	18-Jan-22	13:00	12:56	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 75,ADMIN OFFICE (SAFETY)	13-Jan-22	14:00	12:34	<input checked="" type="checkbox"/>		<input type="checkbox"/>	
Flushing Zone F1	Building 76,EQUIPMENT STORAGE SHED	18-Jan-22	10:00	12:54	<input checked="" type="checkbox"/>		<input type="checkbox"/>	

Flushing Zone F1

2022-01-11 - 2022-01-19

Flushing Zone F1	Building 76A NAVFAC GUARD HOUSE	18-Jan-22	09:00	13:02	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 77 LUMBER SHED PWC	19-Jan-22	13:00	13:55	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 78 MATERIAL SHOP ADMIN (F1-	14-Jan-22	09:00	12:31	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 79 FAC MAINT STRG (F1-	16-Jan-22	10:00	09:23	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 80 MATERIAL STORAGE (F1-	19-Jan-22	13:00	13:57	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 82 PEARL CAR CARE CENTER	19-Jan-22	13:00	13:58	<input checked="" type="checkbox"/>
Flushing Zone F1	Building 888 NM GOLF CLUB	18-Jan-22	09:00	12:40	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A12 ADMIN OFFICE (F1-	18-Jan-22	07:00	12:58	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A13 ADMIN OFFICE (F1-	14-Jan-22	07:00	13:04	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A31 OPEN STORAGE SHED (F1-	14-Jan-22	09:00	13:11	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A4 ADMINISTRATION BUILDING	18-Jan-22	07:00	12:59	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A7 ADMINISTRATION BUILDING	18-Jan-22	15:00	12:33	<input checked="" type="checkbox"/>
Flushing Zone F1	Building A8 ADMINISTRATION BLDG (F1-	18-Jan-22	10:00	12:29	<input checked="" type="checkbox"/>
Flushing Zone F1	Building C27 ADMIN / IT OFFICE (F1-	19-Jan-22	00:00	13:15	<input checked="" type="checkbox"/>
Flushing Zone F1	Building MP3 CIO/OPS/TRAINING (F1-	18-Jan-22	14:00	12:56	<input checked="" type="checkbox"/>
Flushing Zone F1	Building S45 SUBSTATION BLDG M-	18-Jan-22	08:00	08:54	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X1 PEST CONTROL SHOP (F1-	18-Jan-22	10:00	12:50	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X11 ADMIN OFFICE (F1-	18-Jan-22	13:00	12:47	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X12 CONSTRUCTION CREW	19-Jan-22	12:00	12:13	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X17 NFH SHOPS TOOLROOM	18-Jan-22	11:00	12:28	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X18 PW MAINTENANCE SHOP	18-Jan-22	10:00	12:23	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X20 PUBLIC WORKS	18-Jan-22	13:00	12:52	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X21 WELDING SHOP (F1-	18-Jan-22	09:00	12:15	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X24 GENERAL WAREHOUSE (F1-	18-Jan-22	10:00	11:41	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X27 SEWAGE PUMP/PWC	18-Jan-22	07:00	12:24	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X29 PW MAINTENANCE SHOPS	18-Jan-22	12:00	12:34	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X31 LUMBER SHED (F1-	18-Jan-22	16:00	13:53	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X36 NAVFAC STORAGE (F1-	18-Jan-22	11:00	12:20	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X37 EQUIPMENT SHED (F1-	18-Jan-22	13:00	12:24	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X5 PUBLIC WORKS STORAGE	18-Jan-22	13:00	12:45	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X6 PUBLIC WORKS STORAGE	18-Jan-22	13:00	12:52	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X8 OPERATIONAL STORAGE (F1-	18-Jan-22	15:00	12:53	<input checked="" type="checkbox"/>
Flushing Zone F1	Building X9 SHOP/COMMAND STORAGE	18-Jan-22	13:00	12:51	<input checked="" type="checkbox"/>
Flushing Zone F1	Moanalua Pre-School - Kamaaina Kids -	14-Jan-22	17:00	08:35	<input checked="" type="checkbox"/>
Flushing Zone F1	Pearl Harbor Elementary School 1	14-Jan-22	13:00	08:37	<input checked="" type="checkbox"/>

Key
<input type="checkbox"/> Not Started
<input type="checkbox"/> No Access
<input type="checkbox"/> In Progress
<input checked="" type="checkbox"/> Complete

Date	Time	Date/Time	Meter															
			4787	4127	4710	5004	5002	9050	7158	6780	2550	1846	1485					
11-Jan-22	0:00:00	11-Jan-2200:00	68.6	33.6	77.9	73.0	71.6	70.4	73.0	64.0	36.0	62.0	64.0					
11-Jan-22	0:30:00	11-Jan-2200:00	68.6	34.5	77.6	73.0	71.0	71.0	73.0	64.7	36.0	62.0	64.4					
11-Jan-22	1:00:00	11-Jan-2201:00	68.6	34.5	78.0	73.4	71.0	71.0	73.0	65.0	36.2	62.6	65.0					
11-Jan-22	1:30:00	11-Jan-2201:00	68.6	35.2	78.0	74.0	71.5	71.0	73.3	65.0	36.7	63.0	65.0					
11-Jan-22	2:00:00	11-Jan-2202:00	68.6	35.5	78.0	74.0	72.0	71.7	74.0	65.0	37.0	63.0	65.0					
11-Jan-22	2:30:00	11-Jan-2202:00	68.6	35.5	78.0	74.2	72.8	72.0	74.0	65.4	37.0	63.0	65.3					
11-Jan-22	3:00:00	11-Jan-2203:00	68.6	35.3	78.9	74.7	73.7	72.0	74.0	66.0	37.0	63.0	66.0					
11-Jan-22	3:30:00	11-Jan-2203:00	70.0	34.5	79.0	75.3	74.0	72.0	74.0	66.0	37.9	64.0	66.0					
11-Jan-22	4:00:00	11-Jan-2204:00	63.0	34.5	79.0	71.2	69.8	70.5	72.2	64.3	36.3	62.6	64.1					
11-Jan-22	4:30:00	11-Jan-2204:00	61.9	35.2	75.8	68.3	67.0	69.3	70.8	63.0	35.5	61.0	63.0					
11-Jan-22	5:00:00	11-Jan-2205:00	59.9	35.5	72.0	67.7	67.0	68.7	70.0	62.6	35.0	60.7	62.7					
11-Jan-22	5:30:00	11-Jan-2205:00	59.9	35.5	71.0	68.0	67.0	68.0	70.0	62.0	34.2	60.3	62.2					
11-Jan-22	6:00:00	11-Jan-2206:00	59.9	35.5	71.0	67.2	66.7	68.0	69.1	61.9	34.0	60.0	62.0					
11-Jan-22	6:30:00	11-Jan-2206:00	59.9	35.5	71.0	66.7	66.0	67.6	69.0	61.0	34.0	59.4	61.2					
11-Jan-22	7:00:00	11-Jan-2207:00	57.9	35.5	69.3	66.1	65.7	66.2	68.1	60.3	32.4	57.4	60.2					
11-Jan-22	7:30:00	11-Jan-2207:00	57.7	35.5	69.0	65.7	65.4	65.7	67.5	59.7	31.8	57.0	59.6					
11-Jan-22	8:00:00	11-Jan-2208:00	59.4	34.7	69.0	65.1	65.1	64.9	67.2	59.1	31.2	56.5	59.2					
11-Jan-22	8:30:00	11-Jan-2208:00	66.2	34.4	75.9	69.9	72.3	67.8	70.8	62.2	33.2	58.7	61.8					
11-Jan-22	9:00:00	11-Jan-2209:00	66.2	33.5	76.0	72.7	73.0	68.3	70.9	62.0	33.6	59.0	62.0					
11-Jan-22	9:30:00	11-Jan-2209:00	66.2	33.5	76.0	73.0	72.8	68.0	71.0	62.0	34.0	59.3	62.0					
11-Jan-22	10:00:00	11-Jan-2210:00	67.0	33.5	76.5	73.0	73.4	68.0	71.0	62.0	33.7	59.0	62.0					
11-Jan-22	10:30:00	11-Jan-2210:00	68.2	34.0	77.0	73.1	73.6	68.0	71.0	62.0	34.0	59.0	62.0					
11-Jan-22	11:00:00	11-Jan-2211:00	68.2	33.1	76.8	73.5	73.8	68.0	71.0	62.3	34.0	59.4	62.0					
11-Jan-22	11:30:00	11-Jan-2211:00	68.2	32.5	76.6	73.0	73.4	68.6	71.9	62.8	34.0	60.0	62.0					
11-Jan-22	12:00:00	11-Jan-2212:00	68.2	32.6	77.0	74.0	73.5	69.0	71.6	62.4	34.0	60.0	62.0					
11-Jan-22	12:30:00	11-Jan-2212:00	68.2	34.6	77.0	73.7	73.7	68.7	71.4	62.8	34.0	60.0	62.7					
11-Jan-22	13:00:00	11-Jan-2213:00	68.2	35.5	77.0	74.0	74.0	69.0	72.0	63.0	34.0	60.0	63.0					
11-Jan-22	13:30:00	11-Jan-2213:00	68.2	35.5	77.0	74.0	74.0	69.0	71.7	63.0	34.0	60.0	62.9					
11-Jan-22	14:00:00	11-Jan-2214:00	68.2	34.8	77.0	74.0	74.0	69.0	72.0	63.0	34.0	60.0	62.8					
11-Jan-22	14:30:00	11-Jan-2214:00	68.2	33.7	77.0	74.0	73.7	69.0	72.0	63.0	34.0	60.0	63.0					
11-Jan-22	15:00:00	11-Jan-2215:00	68.2	33.5	77.0	74.0	74.0	69.0	72.0	63.0	34.4	60.0	63.0					
11-Jan-22	15:30:00	11-Jan-2215:00	68.2	33.5	77.0	74.0	74.0	69.0	72.0	63.0	34.1	60.0	63.0					
11-Jan-22	16:00:00	11-Jan-2216:00	68.2	33.5	77.0	74.0	74.0	69.0	72.0	63.0	34.3	60.0	63.0					
11-Jan-22	16:30:00	11-Jan-2216:00	68.2	33.5	77.0	74.0	74.3	69.0	72.0	63.0	34.5	60.0	63.0					
11-Jan-22	17:00:00	11-Jan-2217:00	68.2	33.5	77.0	73.2	72.3	69.0	72.0	63.0	35.0	60.0	63.0					
11-Jan-22	17:30:00	11-Jan-2217:00	68.2	33.5	76.1	73.0	72.0	69.0	72.0	63.0	34.6	60.0	63.0					

11-Jan-22	18:00:00	11-Jan-22	18:00:00	68.2	33.5	76.8	72.5	70.4	69.0	71.4	63.0	34.0	60.0	63.0
11-Jan-22	18:30:00	11-Jan-22	18:30:00	68.2	33.5	76.0	71.4	69.7	69.0	71.3	63.0	34.0	60.0	63.0
11-Jan-22	19:00:00	11-Jan-22	19:00:00	66.2	33.5	76.0	70.3	67.5	69.0	71.2	62.1	34.0	60.0	62.4
11-Jan-22	19:30:00	11-Jan-22	19:30:00	66.2	34.0	76.0	70.6	67.5	69.0	71.0	62.1	34.0	60.0	62.0
11-Jan-22	20:00:00	11-Jan-22	20:00:00	66.2	34.5	75.4	70.0	66.0	69.0	71.0	62.1	34.0	60.0	62.0
11-Jan-22	20:30:00	11-Jan-22	20:30:00	66.2	34.5	75.1	70.0	66.3	68.4	71.0	62.0	34.0	60.0	62.0
11-Jan-22	21:00:00	11-Jan-22	21:00:00	66.2	34.5	75.0	69.7	65.4	68.4	71.0	62.0	34.0	60.0	62.0
11-Jan-22	21:30:00	11-Jan-22	21:30:00	66.2	34.5	75.0	70.0	66.3	69.0	71.0	62.1	34.0	60.0	62.0
11-Jan-22	22:00:00	11-Jan-22	22:00:00	66.2	32.1	75.2	70.0	66.0	69.0	71.0	62.7	34.0	60.0	62.5
11-Jan-22	22:30:00	11-Jan-22	22:30:00	66.2	30.6	76.0	70.0	66.6	69.0	71.0	63.0	34.0	60.0	62.7
11-Jan-22	23:00:00	11-Jan-22	23:00:00	66.2	31.1	75.3	70.0	65.1	69.0	71.0	63.0	34.0	60.0	62.7
11-Jan-22	23:30:00	11-Jan-22	23:30:00	66.2	31.9	75.5	70.3	66.5	69.0	71.3	63.0	34.3	60.0	63.0
12-Jan-22	0:00:00	12-Jan-22	0:00:00	66.2	32.5	76.0	70.0	65.0	69.0	71.0	63.0	34.0	60.0	63.0
12-Jan-22	0:30:00	12-Jan-22	0:30:00	66.2	32.6	76.0	70.0	65.8	69.0	71.3	63.0	34.3	60.0	63.0
12-Jan-22	1:00:00	12-Jan-22	1:00:00	66.2	33.5	75.3	70.0	66.3	69.0	71.7	63.0	34.0	60.0	63.0
12-Jan-22	1:30:00	12-Jan-22	1:30:00	66.2	34.0	75.0	70.7	66.6	69.0	72.0	63.0	34.8	60.0	63.0
12-Jan-22	2:00:00	12-Jan-22	2:00:00	66.2	34.5	75.8	70.4	66.3	69.0	72.0	63.0	35.0	60.0	63.0
12-Jan-22	2:30:00	12-Jan-22	2:30:00	66.2	34.5	76.0	71.0	66.4	69.7	72.0	63.0	35.0	60.6	63.0
12-Jan-22	3:00:00	12-Jan-22	3:00:00	66.2	34.5	76.0	71.0	67.5	70.0	72.0	63.0	35.0	60.6	63.0
12-Jan-22	3:30:00	12-Jan-22	3:30:00	67.7	34.5	76.6	71.3	68.9	70.0	72.0	63.5	35.0	60.9	63.2
12-Jan-22	4:00:00	12-Jan-22	4:00:00	68.2	33.9	76.5	71.2	67.4	70.0	72.0	63.1	35.0	61.0	63.1
12-Jan-22	4:30:00	12-Jan-22	4:30:00	68.2	31.9	76.0	71.4	68.0	70.0	72.0	63.0	35.0	61.0	63.0
12-Jan-22	5:00:00	12-Jan-22	5:00:00	68.2	32.7	76.3	71.2	68.0	70.0	72.0	63.0	35.0	60.7	63.0
12-Jan-22	5:30:00	12-Jan-22	5:30:00	68.2	35.5	76.0	71.4	68.1	69.1	72.0	63.0	35.0	60.5	63.0
12-Jan-22	6:00:00	12-Jan-22	6:00:00	68.2	35.5	76.0	71.5	69.2	69.3	72.0	63.0	35.0	60.3	63.0
12-Jan-22	6:30:00	12-Jan-22	6:30:00	68.2	34.6	76.3	71.6	69.6	69.6	72.0	63.1	35.1	60.2	63.1
12-Jan-22	7:00:00	12-Jan-22	7:00:00	68.2	34.2	77.0	73.1	71.1	70.0	72.5	64.0	36.0	61.9	64.0
12-Jan-22	7:30:00	12-Jan-22	7:30:00	68.2	33.0	77.0	73.5	72.3	70.0	72.1	64.0	36.0	62.0	64.0
12-Jan-22	8:00:00	12-Jan-22	8:00:00	68.2	33.0	76.9	73.0	72.0	70.0	72.0	63.8	36.0	62.0	64.0
12-Jan-22	8:30:00	12-Jan-22	8:30:00	68.2	32.2	76.8	73.0	72.5	70.0	72.0	63.9	36.0	61.7	64.0
12-Jan-22	9:00:00	12-Jan-22	9:00:00	68.2	30.0	77.0	73.3	73.1	70.0	72.0	64.0	36.0	62.0	64.0
12-Jan-22	9:30:00	12-Jan-22	9:30:00	68.2	29.3	77.0	73.7	74.0	70.6	72.3	64.3	36.0	62.3	64.6
12-Jan-22	10:00:00	12-Jan-22	10:00:00	68.2	29.5	77.0	74.0	72.9	70.0	72.4	64.2	36.0	62.0	64.0
12-Jan-22	10:30:00	12-Jan-22	10:30:00	68.2	29.6	78.0	74.7	74.1	70.7	73.0	64.7	36.0	62.1	64.3
12-Jan-22	11:00:00	12-Jan-22	11:00:00	68.2	29.6	78.0	74.4	73.9	71.0	73.0	64.7	36.0	62.2	64.7
12-Jan-22	11:30:00	12-Jan-22	11:30:00	69.9	29.6	78.3	74.7	74.9	71.0	73.0	65.0	36.5	62.3	65.0
12-Jan-22	12:00:00	12-Jan-22	12:00:00	70.2	29.6	78.0	75.0	74.5	71.0	73.0	65.0	36.7	62.7	65.0
12-Jan-22	12:30:00	12-Jan-22	12:30:00	70.2	29.6	78.4	75.0	74.1	71.0	73.7	65.0	37.0	63.0	65.0

12-Jan-22	13:00:00	12-Jan-2213:00	70.2	29.6	79.2	75.8	75.5	71.9	74.2	65.9	37.3	63.7	65.6
12-Jan-22	13:30:00	12-Jan-2213:30	70.2	29.6	80.0	76.6	76.6	72.5	75.0	67.0	38.0	64.0	66.0
12-Jan-22	14:00:00	12-Jan-2214:00	62.3	28.9	75.5	73.1	72.8	71.6	73.6	65.0	36.6	62.3	64.8
12-Jan-22	14:30:00	12-Jan-2214:30	61.8	28.6	73.0	69.8	70.0	70.3	71.3	64.0	36.0	62.0	64.0
12-Jan-22	15:00:00	12-Jan-2215:00	61.8	27.9	73.0	69.9	70.6	70.0	71.0	64.0	36.0	62.0	64.0
12-Jan-22	15:30:00	12-Jan-2215:30	61.8	28.7	73.0	70.0	70.0	70.0	71.0	64.0	36.0	61.7	64.0
12-Jan-22	16:00:00	12-Jan-2216:00	61.8	29.8	72.8	69.5	69.8	70.0	71.0	64.0	36.0	62.0	64.0
12-Jan-22	16:30:00	12-Jan-2216:30	61.8	30.9	72.9	69.6	69.9	70.0	71.0	63.8	35.9	61.4	63.3
12-Jan-22	17:00:00	12-Jan-2217:00	61.8	31.6	72.0	69.0	69.2	69.7	71.0	63.0	35.0	61.3	63.0
12-Jan-22	17:30:00	12-Jan-2217:30	59.9	31.6	72.0	68.1	68.8	68.2	70.0	62.3	34.6	60.2	62.6
12-Jan-22	18:00:00	12-Jan-2218:00	59.7	31.6	71.3	67.3	67.6	68.0	69.2	61.7	34.0	59.7	62.0
12-Jan-22	18:30:00	12-Jan-2218:30	61.9	31.6	71.0	67.0	67.0	67.2	69.1	61.3	33.7	59.5	61.6
12-Jan-22	19:00:00	12-Jan-2219:00	68.6	31.6	76.9	74.1	73.9	69.9	72.0	63.4	33.9	60.9	63.4
12-Jan-22	19:30:00	12-Jan-2219:30	68.6	31.6	77.2	74.5	74.0	70.0	72.0	63.7	35.0	61.3	64.0
12-Jan-22	20:00:00	12-Jan-2220:00	68.6	31.6	78.0	74.4	74.3	70.0	72.0	64.0	35.4	61.0	64.0
12-Jan-22	20:30:00	12-Jan-2220:30	68.6	32.1	78.0	74.7	75.0	70.0	72.8	64.0	36.0	61.7	64.0
12-Jan-22	21:00:00	12-Jan-2221:00	68.6	32.7	78.0	75.0	75.0	70.3	73.0	64.0	36.0	62.0	64.0
12-Jan-22	21:30:00	12-Jan-2221:30	68.6	33.8	78.2	75.2	75.2	71.0	73.0	64.0	36.0	62.0	64.3
12-Jan-22	22:00:00	12-Jan-2222:00	68.6	33.9	79.0	76.0	75.7	71.0	73.9	65.0	36.1	62.5	65.0
12-Jan-22	22:30:00	12-Jan-2222:30	69.1	33.3	79.0	76.0	76.3	71.4	74.0	65.0	37.0	63.0	65.0
12-Jan-22	23:00:00	12-Jan-2223:00	70.6	26.2	79.0	76.0	76.3	72.0	74.0	65.1	37.0	63.0	65.1
12-Jan-22	23:30:00	12-Jan-2223:30	70.6	19.4	79.7	76.1	77.0	72.0	74.0	66.0	37.0	63.3	66.0
13-Jan-22	0:00:00	13-Jan-2200:00	70.6	17.0	79.4	76.4	77.0	72.0	74.3	66.0	37.1	63.2	66.0
13-Jan-22	0:30:00	13-Jan-2200:30	69.8	17.2	79.4	77.0	77.0	72.1	75.0	66.0	38.0	64.0	66.0
13-Jan-22	1:00:00	13-Jan-2201:00	61.6	24.1	76.1	71.1	71.3	70.5	72.3	64.3	36.2	62.5	64.1
13-Jan-22	1:30:00	13-Jan-2201:30	61.6	33.6	73.0	70.0	70.0	70.0	71.2	64.0	36.0	62.0	64.0
13-Jan-22	2:00:00	13-Jan-2202:00	61.6	33.5	73.0	69.7	70.0	69.8	71.0	63.7	36.0	62.0	64.0
13-Jan-22	2:30:00	13-Jan-2202:30	61.6	35.3	73.0	70.0	70.0	70.0	71.0	63.7	36.0	62.0	64.0
13-Jan-22	3:00:00	13-Jan-2203:00	61.6	35.5	73.0	70.0	70.0	70.0	71.0	63.4	35.7	61.3	63.4
13-Jan-22	3:30:00	13-Jan-2203:30	61.6	35.5	73.0	70.0	70.0	69.6	71.0	63.0	35.3	61.0	63.5
13-Jan-22	4:00:00	13-Jan-2204:00	61.6	35.7	73.0	69.5	70.0	69.0	70.4	63.0	35.0	61.0	63.0
13-Jan-22	4:30:00	13-Jan-2204:30	61.6	36.4	72.0	69.0	69.6	69.0	70.3	63.0	35.0	61.0	63.0
13-Jan-22	5:00:00	13-Jan-2205:00	61.6	35.3	72.0	68.8	69.0	68.2	70.2	62.0	34.7	60.0	62.1
13-Jan-22	5:30:00	13-Jan-2205:30	69.4	34.5	76.6	75.3	75.8	70.8	74.4	63.8	35.5	61.8	63.5
13-Jan-22	6:00:00	13-Jan-2206:00	69.4	33.9	78.5	75.5	75.7	70.7	73.0	64.1	36.0	62.0	64.0
13-Jan-22	6:30:00	13-Jan-2206:30	69.4	35.5	78.7	75.3	75.6	70.7	73.3	64.0	36.0	62.0	64.0
13-Jan-22	7:00:00	13-Jan-2207:00	69.4	35.5	78.5	74.7	75.0	70.7	73.0	64.1	36.0	62.4	64.6
13-Jan-22	7:30:00	13-Jan-2207:30	69.4	35.5	78.0	75.4	75.0	70.9	73.6	64.4	36.7	62.7	64.7

13-Jan-22	8:00:00	13-Jan-2208:00	69.4	34.8	78.5	75.2	75.3	70.8	73.6	64.7	36.7	62.3	64.7
13-Jan-22	8:30:00	13-Jan-2208:30	69.4	34.5	78.4	75.0	75.0	71.0	73.6	65.0	37.0	62.9	65.0
13-Jan-22	9:00:00	13-Jan-2209:00	69.4	34.5	79.0	76.0	75.6	71.7	73.8	65.0	37.0	63.0	65.0
13-Jan-22	9:30:00	13-Jan-2209:30	69.4	34.2	79.3	76.0	76.4	71.5	74.0	65.4	37.0	63.0	65.0
13-Jan-22	10:00:00	13-Jan-2210:00	65.7	33.5	79.0	75.0	75.6	70.6	74.0	64.6	36.6	61.2	64.5
13-Jan-22	10:30:00	13-Jan-2210:30	61.3	33.5	73.1	69.0	69.1	68.3	70.3	62.3	35.0	60.7	62.9
13-Jan-22	11:00:00	13-Jan-2211:00	61.3	33.7	72.0	69.0	69.3	68.4	70.3	62.0	35.0	60.7	62.5
13-Jan-22	11:30:00	13-Jan-2211:30	59.9	35.4	71.7	68.4	69.0	68.5	70.0	62.3	34.2	60.0	62.4
13-Jan-22	12:00:00	13-Jan-2212:00	59.2	35.5	72.0	68.0	69.0	68.0	70.0	62.0	34.3	60.0	62.0
13-Jan-22	12:30:00	13-Jan-2212:30	59.2	35.5	71.5	67.8	68.2	67.5	69.1	61.7	33.7	59.3	62.0
13-Jan-22	13:00:00	13-Jan-2213:00	59.2	35.5	71.0	67.9	67.7	67.3	69.0	61.0	32.7	59.3	61.0
13-Jan-22	13:30:00	13-Jan-2213:30	59.2	35.0	71.0	67.4	68.0	67.0	69.0	61.0	33.0	58.7	61.0
13-Jan-22	14:00:00	13-Jan-2214:00	59.2	34.5	70.4	67.1	67.1	66.2	68.1	60.6	32.7	58.4	60.6
13-Jan-22	14:30:00	13-Jan-2214:30	63.2	34.5	70.0	68.2	68.5	67.2	68.8	60.8	33.2	58.8	60.7
13-Jan-22	15:00:00	13-Jan-2215:00	67.9	34.5	76.3	74.2	74.8	69.3	72.0	63.3	34.6	61.0	63.0
13-Jan-22	15:30:00	13-Jan-2215:30	67.9	34.5	77.3	74.0	74.4	69.9	72.0	63.5	34.7	61.0	63.3
13-Jan-22	16:00:00	13-Jan-2216:00	67.9	34.4	77.0	74.2	74.8	69.7	72.0	63.7	35.0	61.1	63.6
13-Jan-22	16:30:00	13-Jan-2216:30	67.9	33.5	77.6	75.0	75.3	70.0	72.7	64.0	35.0	61.4	64.0
13-Jan-22	17:00:00	13-Jan-2217:00	67.9	33.1	77.7	74.3	74.8	70.0	72.2	64.0	35.0	61.1	64.0
13-Jan-22	17:30:00	13-Jan-2217:30	67.9	32.5	78.0	74.0	74.3	70.0	72.0	64.0	35.0	61.2	64.0
13-Jan-22	18:00:00	13-Jan-2218:00	67.9	32.5	77.7	74.0	74.3	70.0	72.0	64.0	35.7	61.7	64.0
13-Jan-22	18:30:00	13-Jan-2218:30	67.9	34.2	78.0	74.5	74.3	70.0	72.0	64.0	36.0	61.9	64.0
13-Jan-22	19:00:00	13-Jan-2219:00	67.9	34.5	78.0	74.4	74.0	70.0	72.6	64.0	36.0	61.8	64.0
13-Jan-22	19:30:00	13-Jan-2219:30	67.9	34.5	77.4	74.1	74.4	70.0	72.5	64.0	36.0	62.0	64.0
13-Jan-22	20:00:00	13-Jan-2220:00	67.9	34.5	78.0	75.0	75.0	70.8	73.0	64.0	36.0	62.0	64.0
13-Jan-22	20:30:00	13-Jan-2220:30	69.4	34.2	78.0	75.0	75.4	70.7	73.0	64.2	36.0	62.0	64.5
13-Jan-22	21:00:00	13-Jan-2221:00	69.9	31.8	78.5	75.2	76.0	71.0	73.6	65.0	36.3	62.5	65.0
13-Jan-22	21:30:00	13-Jan-2221:30	69.9	31.6	79.0	76.0	76.0	71.1	74.0	65.0	37.0	63.0	65.0
13-Jan-22	22:00:00	13-Jan-2222:00	69.9	31.6	79.0	76.0	76.0	72.0	74.0	65.0	37.0	63.0	65.3
13-Jan-22	22:30:00	13-Jan-2222:30	69.9	31.6	79.1	76.0	76.6	72.0	74.0	65.2	37.0	63.0	65.2
13-Jan-22	23:00:00	13-Jan-2223:00	69.9	33.7	79.8	76.0	76.3	72.0	74.0	66.0	37.0	63.2	66.0
13-Jan-22	23:30:00	13-Jan-2223:30	66.6	34.5	78.9	76.2	75.9	71.8	74.6	65.5	37.6	62.0	65.6
14-Jan-22	0:00:00	14-Jan-2200:00	61.0	34.5	73.0	70.0	70.0	69.5	71.3	63.4	36.0	61.5	63.7
14-Jan-22	0:30:00	14-Jan-2200:30	61.0	34.5	73.0	70.0	70.0	69.9	71.0	63.3	36.0	61.9	64.0
14-Jan-22	1:00:00	14-Jan-2201:00	61.0	34.5	73.0	69.8	70.0	69.5	71.0	63.0	35.4	61.0	63.7
14-Jan-22	1:30:00	14-Jan-2201:30	61.0	34.8	73.0	69.6	69.7	69.0	71.0	63.0	35.3	61.0	63.0
14-Jan-22	2:00:00	14-Jan-2202:00	61.0	35.5	72.7	69.4	70.0	69.0	71.0	63.0	35.0	61.0	63.0
14-Jan-22	2:30:00	14-Jan-2202:30	61.0	34.6	72.4	69.4	70.0	69.0	71.0	63.0	35.0	61.0	63.0

14-Jan-22	3:00:00	14-Jan-2203:00	61.0	33.7	72.0	69.0	70.0	69.0	71.0	63.0	35.0	61.0	63.0
14-Jan-22	3:30:00	14-Jan-2203:30	61.0	33.6	72.0	69.0	69.7	69.0	70.4	63.0	35.0	60.7	63.0
14-Jan-22	4:00:00	14-Jan-2204:00	64.4	34.5	73.0	70.0	70.1	69.0	70.8	62.7	35.2	60.6	63.5
14-Jan-22	4:30:00	14-Jan-2204:30	69.7	34.5	79.0	76.0	76.6	71.0	73.9	65.0	36.0	62.5	65.0
14-Jan-22	5:00:00	14-Jan-2205:00	69.7	34.7	79.0	76.0	76.3	71.0	73.2	65.0	36.2	62.3	65.0
14-Jan-22	5:30:00	14-Jan-2205:30	69.7	35.5	79.0	76.0	76.3	71.0	74.0	65.0	37.0	63.0	65.0
14-Jan-22	6:00:00	14-Jan-2206:00	69.7	35.5	79.0	75.9	76.3	71.2	73.5	64.8	37.0	62.7	64.8
14-Jan-22	6:30:00	14-Jan-2206:30	69.7	35.2	79.0	75.6	75.7	70.2	73.0	64.0	36.1	61.0	64.0
14-Jan-22	7:00:00	14-Jan-2207:00	69.7	33.8	79.0	75.0	75.7	70.4	73.0	64.0	36.0	61.3	64.0
14-Jan-22	7:30:00	14-Jan-2207:30	69.7	33.6	79.0	75.8	76.0	71.0	73.0	64.0	36.0	61.0	64.0
14-Jan-22	8:00:00	14-Jan-2208:00	69.7	34.5	79.0	76.0	75.7	70.7	73.0	64.0	35.9	60.7	64.0
14-Jan-22	8:30:00	14-Jan-2208:30	69.7	34.5	78.4	75.3	75.2	70.0	73.0	64.0	35.0	60.7	63.4
14-Jan-22	9:00:00	14-Jan-2209:00	69.7	34.5	78.7	75.3	75.3	70.0	73.0	64.1	35.4	61.2	63.7
14-Jan-22	9:30:00	14-Jan-2209:30	69.7	34.5	79.0	75.0	75.8	70.4	73.2	64.7	35.7	61.6	63.8
14-Jan-22	10:00:00	14-Jan-2210:00	69.7	34.5	78.7	75.3	75.6	70.8	73.1	65.0	35.7	60.8	64.0
14-Jan-22	10:30:00	14-Jan-2210:30	69.7	34.3	78.7	75.4	75.7	70.7	73.0	64.7	35.5	60.9	63.9
14-Jan-22	11:00:00	14-Jan-2211:00	69.7	33.5	78.2	75.2	75.4	70.5	73.0	64.4	35.4	61.6	64.0
14-Jan-22	11:30:00	14-Jan-2211:30	69.7	33.9	78.3	75.3	75.6	70.6	73.0	64.2	35.4	61.3	63.8
14-Jan-22	12:00:00	14-Jan-2212:00	69.7	34.5	79.0	75.5	75.5	71.5	73.8	65.3	36.3	62.1	64.9
14-Jan-22	12:30:00	14-Jan-2212:30	69.7	33.0	79.0	76.6	76.0	72.0	74.0	66.0	37.3	63.0	66.0
14-Jan-22	13:00:00	14-Jan-2213:00	61.9	31.9	75.1	74.3	72.0	70.6	71.7	64.1	36.2	61.8	63.8
14-Jan-22	13:30:00	14-Jan-2213:30	61.3	31.6	73.0	69.5	69.7	69.2	71.0	63.3	35.4	61.0	63.0
14-Jan-22	14:00:00	14-Jan-2214:00	60.1	31.6	72.1	69.0	69.4	69.0	70.7	63.0	35.0	60.7	63.0
14-Jan-22	14:30:00	14-Jan-2214:30	60.1	31.6	72.2	68.9	69.0	68.6	70.2	62.4	34.5	60.3	62.4
14-Jan-22	15:00:00	14-Jan-2215:00	60.1	31.6	71.7	68.7	68.6	68.0	69.7	62.0	34.0	60.0	62.0
14-Jan-22	15:30:00	14-Jan-2215:30	60.1	31.6	71.0	68.0	68.3	67.7	69.2	61.7	34.2	59.7	62.0
14-Jan-22	16:00:00	14-Jan-2216:00	60.1	31.6	71.3	68.0	68.5	68.0	70.0	62.0	34.1	60.0	62.0
14-Jan-22	16:30:00	14-Jan-2216:30	60.1	31.6	71.0	68.0	69.0	68.0	70.0	62.0	34.0	60.0	62.0
14-Jan-22	17:00:00	14-Jan-2217:00	60.1	31.6	71.0	68.0	68.0	68.0	69.6	62.0	34.0	60.0	62.0
14-Jan-22	17:30:00	14-Jan-2217:30	60.1	31.6	71.0	68.0	68.0	67.7	69.0	61.1	33.9	60.0	62.0
14-Jan-22	18:00:00	14-Jan-2218:00	58.4	31.6	70.0	66.4	67.4	67.0	69.0	61.0	33.0	60.0	61.6
14-Jan-22	18:30:00	14-Jan-2218:30	59.8	32.5	70.0	67.0	67.6	67.0	68.9	61.0	33.0	59.1	61.0
14-Jan-22	19:00:00	14-Jan-2219:00	58.1	33.5	70.0	67.0	67.3	67.0	68.0	60.8	33.0	58.4	61.0
14-Jan-22	19:30:00	14-Jan-2219:30	67.0	33.5	72.7	72.2	72.4	68.5	68.4	61.7	33.8	58.0	62.1
14-Jan-22	20:00:00	14-Jan-2220:00	67.3	34.0	77.0	74.0	74.0	69.0	72.0	63.0	34.8	60.9	63.0
14-Jan-22	20:30:00	14-Jan-2220:30	67.3	34.5	77.0	74.0	74.0	69.0	72.0	63.0	35.0	61.0	63.0
14-Jan-22	21:00:00	14-Jan-2221:00	67.3	34.5	77.3	74.0	74.3	69.0	72.0	63.2	35.0	61.0	63.1
14-Jan-22	21:30:00	14-Jan-2221:30	67.3	35.0	78.0	74.4	74.7	70.0	72.0	64.0	35.0	61.6	63.7

14-Jan-22	22:00:00	14-Jan-2222:00	68.2	34.8	78.0	74.7	75.0	70.0	72.6	64.0	35.6	61.7	64.0
14-Jan-22	22:30:00	14-Jan-2222:30	69.3	32.9	78.0	75.0	75.1	70.3	73.0	64.0	36.0	61.7	64.0
14-Jan-22	23:00:00	14-Jan-2223:00	69.3	32.5	78.0	75.0	74.9	70.6	73.0	64.0	36.0	62.0	64.0
14-Jan-22	23:30:00	14-Jan-2223:30	69.3	34.2	78.7	75.1	75.2	71.0	73.2	64.6	36.0	62.3	64.8
15-Jan-22	0:00:00	15-Jan-2200:00	69.3	35.5	79.0	75.4	75.4	71.0	73.7	65.0	36.0	62.0	65.0
15-Jan-22	0:30:00	15-Jan-2200:30	69.3	35.5	79.0	76.0	76.0	71.4	74.0	65.0	36.8	62.6	65.0
15-Jan-22	1:00:00	15-Jan-2201:00	69.3	35.0	79.0	76.0	76.0	72.0	74.0	65.1	37.0	63.0	65.1
15-Jan-22	1:30:00	15-Jan-2201:30	69.3	33.5	80.0	76.4	76.1	72.0	74.0	66.0	37.0	63.0	66.0
15-Jan-22	2:00:00	15-Jan-2202:00	69.5	33.5	80.0	77.0	77.0	72.0	74.6	66.0	37.3	63.7	66.0
15-Jan-22	2:30:00	15-Jan-2202:30	71.3	33.8	80.0	77.0	77.1	72.6	75.0	66.0	38.0	64.0	66.0
15-Jan-22	3:00:00	15-Jan-2203:00	66.9	34.5	80.0	76.3	78.0	72.6	75.0	66.0	37.5	61.8	65.5
15-Jan-22	3:30:00	15-Jan-2203:30	61.1	34.5	76.4	70.4	71.7	70.0	72.1	64.0	36.0	62.0	64.0
15-Jan-22	4:00:00	15-Jan-2204:00	61.1	34.5	73.5	70.0	70.0	70.0	71.0	64.0	36.0	62.0	64.0
15-Jan-22	4:30:00	15-Jan-2204:30	61.1	34.8	73.0	70.0	70.0	70.0	71.0	63.9	36.0	61.8	64.0
15-Jan-22	5:00:00	15-Jan-2205:00	61.1	34.9	73.0	69.6	70.0	69.0	71.0	63.0	35.2	61.0	63.2
15-Jan-22	5:30:00	15-Jan-2205:30	61.1	34.5	73.0	69.0	69.7	69.0	71.0	63.0	35.0	61.0	63.0
15-Jan-22	6:00:00	15-Jan-2206:00	61.1	34.0	72.0	69.2	69.6	69.0	70.8	63.0	35.0	61.0	63.0
15-Jan-22	6:30:00	15-Jan-2206:30	61.1	35.0	72.0	69.2	69.3	69.0	70.0	62.9	35.0	61.0	63.0
15-Jan-22	7:00:00	15-Jan-2207:00	61.1	35.5	72.0	68.9	68.9	68.9	70.0	62.0	34.8	60.4	62.8
15-Jan-22	7:30:00	15-Jan-2207:30	61.1	35.5	71.4	68.0	68.6	68.0	70.0	62.0	34.0	60.0	62.0
15-Jan-22	8:00:00	15-Jan-2208:00	59.7	35.5	71.3	68.3	68.6	68.0	69.6	62.0	34.0	59.7	62.0
15-Jan-22	8:30:00	15-Jan-2208:30	59.1	35.5	71.0	68.0	68.0	68.0	69.0	61.7	34.0	59.7	62.0
15-Jan-22	9:00:00	15-Jan-2209:00	63.7	35.5	71.0	70.3	70.5	68.7	70.3	62.2	34.4	60.0	63.6
15-Jan-22	9:30:00	15-Jan-2209:30	68.5	35.5	76.4	74.8	74.8	70.0	72.8	63.6	35.3	61.3	63.6
15-Jan-22	10:00:00	15-Jan-2210:00	68.7	35.5	78.0	75.0	74.7	70.0	72.7	64.0	35.7	61.0	64.0
15-Jan-22	10:30:00	15-Jan-2210:30	68.7	35.5	78.0	74.4	75.0	70.6	73.0	64.0	36.0	62.0	64.0
15-Jan-22	11:00:00	15-Jan-2211:00	68.7	34.6	78.3	75.0	75.6	70.9	73.0	65.0	36.0	62.0	64.6
15-Jan-22	11:30:00	15-Jan-2211:30	68.7	32.5	79.0	75.3	75.7	71.0	73.0	65.0	36.0	62.0	64.8
15-Jan-22	12:00:00	15-Jan-2212:00	68.7	32.3	79.0	75.6	76.0	71.0	73.3	65.0	36.3	62.5	65.0
15-Jan-22	12:30:00	15-Jan-2212:30	69.4	33.5	79.0	76.0	76.0	71.0	74.0	65.0	36.7	62.7	65.0
15-Jan-22	13:00:00	15-Jan-2213:00	70.8	33.5	79.0	76.0	76.0	71.5	74.0	65.0	37.0	63.0	65.0
15-Jan-22	13:30:00	15-Jan-2213:30	70.8	33.5	79.1	76.0	76.0	72.0	74.0	65.5	37.0	63.0	65.0
15-Jan-22	14:00:00	15-Jan-2214:00	70.8	33.5	80.0	76.3	76.2	72.0	74.3	66.0	37.0	63.0	65.9
15-Jan-22	14:30:00	15-Jan-2214:30	70.8	33.5	80.0	76.1	76.1	72.0	74.9	66.0	37.4	63.0	66.0
15-Jan-22	15:00:00	15-Jan-2215:00	63.2	32.7	73.8	69.7	73.6	68.8	72.4	64.7	36.9	62.3	64.8
15-Jan-22	15:30:00	15-Jan-2215:30	61.6	32.5	73.0	70.0	70.3	69.7	71.0	63.3	36.0	61.2	63.9
15-Jan-22	16:00:00	15-Jan-2216:00	61.6	32.5	72.9	69.6	70.0	69.6	71.0	63.0	35.4	61.0	63.0
15-Jan-22	16:30:00	15-Jan-2216:30	61.6	32.5	72.0	69.0	69.7	69.0	71.0	63.0	35.1	61.0	63.0

15-Jan-22	17:00:00	15-Jan-2217:00	61.6	32.5	72.0	69.0	69.3	69.0	70.6	63.0	35.0	61.0	63.0
15-Jan-22	17:30:00	15-Jan-2217:30	59.7	32.5	72.0	68.6	69.0	68.7	70.0	62.1	35.0	59.8	62.7
15-Jan-22	18:00:00	15-Jan-2218:00	59.6	32.2	71.7	68.3	68.5	68.5	70.0	62.0	34.1	60.0	62.3
15-Jan-22	18:30:00	15-Jan-2218:30	59.6	31.6	71.0	68.0	68.3	68.0	70.0	62.0	34.0	60.0	62.0
15-Jan-22	19:00:00	15-Jan-2219:00	62.2	31.6	71.0	68.7	71.8	68.2	69.2	61.5	34.0	60.0	61.8
15-Jan-22	19:30:00	15-Jan-2219:30	68.5	32.5	77.4	74.5	75.9	69.6	72.3	64.0	35.7	61.4	64.0
15-Jan-22	20:00:00	15-Jan-2220:00	68.5	32.5	78.0	75.0	75.3	70.0	73.0	64.0	36.0	61.7	64.0
15-Jan-22	20:30:00	15-Jan-2220:30	68.5	32.7	78.0	75.0	75.0	70.3	73.0	64.0	36.0	62.0	64.0
15-Jan-22	21:00:00	15-Jan-2221:00	68.5	33.5	78.7	75.2	75.8	71.0	73.0	64.3	36.0	62.0	64.3
15-Jan-22	21:30:00	15-Jan-2221:30	68.5	33.5	79.0	76.0	76.0	71.0	73.0	64.7	36.0	62.2	64.4
15-Jan-22	22:00:00	15-Jan-2222:00	68.5	33.5	79.0	76.0	76.3	71.0	73.7	65.0	36.8	63.0	65.0
15-Jan-22	22:30:00	15-Jan-2222:30	69.0	33.5	79.0	76.0	76.2	71.2	74.0	65.0	36.4	63.0	65.0
15-Jan-22	23:00:00	15-Jan-2223:00	70.6	33.5	79.0	76.0	76.1	71.7	74.0	65.0	37.0	63.0	65.0
15-Jan-22	23:30:00	15-Jan-2223:30	70.6	33.5	79.5	76.2	76.8	72.0	74.0	65.6	37.0	63.0	65.6
16-Jan-22	0:00:00	16-Jan-2200:00	70.6	33.5	80.0	76.1	76.7	72.0	74.3	65.7	37.1	63.0	66.0
16-Jan-22	0:30:00	16-Jan-2200:30	70.6	33.5	80.0	76.8	77.0	72.0	74.3	66.0	37.7	63.7	66.0
16-Jan-22	1:00:00	16-Jan-2201:00	67.7	34.1	80.0	76.7	76.7	72.0	74.7	65.7	37.8	63.2	65.7
16-Jan-22	1:30:00	16-Jan-2201:30	62.5	34.4	74.6	70.0	71.0	70.0	72.0	64.0	36.0	62.0	64.0
16-Jan-22	2:00:00	16-Jan-2202:00	62.5	32.6	73.0	70.0	70.2	70.0	71.0	64.0	36.0	62.0	64.0
16-Jan-22	2:30:00	16-Jan-2202:30	62.5	32.5	73.0	70.0	70.5	70.0	71.0	64.0	36.0	62.0	64.0
16-Jan-22	3:00:00	16-Jan-2203:00	62.5	32.6	73.0	70.0	70.3	70.0	71.0	63.3	36.0	61.2	64.0
16-Jan-22	3:30:00	16-Jan-2203:30	61.5	34.8	73.0	70.0	70.0	70.0	71.0	63.0	35.7	61.0	63.7
16-Jan-22	4:00:00	16-Jan-2204:00	60.6	34.8	72.1	69.1	70.0	69.2	71.0	63.0	35.1	61.0	63.0
16-Jan-22	4:30:00	16-Jan-2204:30	60.6	33.6	72.3	70.0	70.0	69.0	70.8	63.0	35.0	61.0	63.0
16-Jan-22	5:00:00	16-Jan-2205:00	60.6	34.2	72.0	69.1	69.7	69.0	70.0	63.0	35.0	61.0	63.0
16-Jan-22	5:30:00	16-Jan-2205:30	60.6	34.5	72.0	69.0	69.7	69.0	70.0	62.7	35.0	61.0	63.0
16-Jan-22	6:00:00	16-Jan-2206:00	60.6	34.8	72.0	69.0	69.7	69.0	70.0	62.7	35.0	60.8	63.0
16-Jan-22	6:30:00	16-Jan-2206:30	68.5	35.5	74.6	73.7	74.6	70.1	73.0	65.2	36.5	61.6	64.3
16-Jan-22	7:00:00	16-Jan-2207:00	69.2	36.2	79.0	76.3	77.0	71.7	74.0	65.0	37.0	62.4	65.0
16-Jan-22	7:30:00	16-Jan-2207:30	69.2	36.4	79.0	76.0	76.4	71.4	74.0	65.0	37.0	62.7	65.0
16-Jan-22	8:00:00	16-Jan-2208:00	69.2	35.3	79.0	76.0	76.0	71.6	74.0	65.2	37.0	63.0	65.0
16-Jan-22	8:30:00	16-Jan-2208:30	69.2	34.5	79.0	76.0	75.7	71.0	73.4	65.1	37.0	63.0	65.0
16-Jan-22	9:00:00	16-Jan-2209:00	69.2	34.5	79.3	76.0	75.7	71.3	74.0	65.0	37.0	63.0	65.0
16-Jan-22	9:30:00	16-Jan-2209:30	69.2	34.5	79.0	76.0	76.0	71.7	74.0	65.9	37.0	63.3	65.2
16-Jan-22	10:00:00	16-Jan-2210:00	69.2	34.5	79.0	76.0	76.0	71.8	74.0	66.0	37.0	63.0	66.0
16-Jan-22	10:30:00	16-Jan-2210:30	62.9	34.5	75.3	72.1	72.3	71.3	72.3	62.6	36.6	61.9	63.8
16-Jan-22	11:00:00	16-Jan-2211:00	61.5	34.5	73.0	69.2	69.8	69.6	71.0	63.0	35.2	61.0	63.6
16-Jan-22	11:30:00	16-Jan-2211:30	61.5	34.5	73.0	69.3	69.6	69.0	71.0	63.0	35.0	61.0	63.0

16-Jan-22	12:00:00	16-Jan-2212:00	61.5	33.6	72.3	69.0	69.6	69.0	70.7	63.0	35.0	61.0	63.0
16-Jan-22	12:30:00	16-Jan-2212:30	61.5	33.5	72.0	69.0	69.0	69.0	70.7	63.0	35.0	60.6	63.0
16-Jan-22	13:00:00	16-Jan-2213:00	61.5	33.5	72.0	69.0	69.3	69.0	70.0	63.0	35.0	60.0	63.0
16-Jan-22	13:30:00	16-Jan-2213:30	67.0	32.7	73.3	71.9	72.5	69.7	70.8	64.2	35.6	62.6	63.9
16-Jan-22	14:00:00	16-Jan-2214:00	68.9	32.5	79.0	75.6	76.0	71.0	73.3	65.0	36.0	62.0	65.0
16-Jan-22	14:30:00	16-Jan-2214:30	68.9	32.5	79.0	75.7	76.0	71.0	73.8	65.0	36.2	62.4	65.0
16-Jan-22	15:00:00	16-Jan-2215:00	68.9	32.7	79.0	76.0	76.0	71.0	73.4	65.0	36.4	63.0	65.0
16-Jan-22	15:30:00	16-Jan-2215:30	68.9	33.5	79.0	76.0	76.3	71.3	74.0	65.0	37.0	63.0	65.0
16-Jan-22	16:00:00	16-Jan-2216:00	70.1	33.5	79.0	76.0	76.3	71.8	74.0	65.4	37.0	63.0	65.4
16-Jan-22	16:30:00	16-Jan-2216:30	71.0	33.5	79.0	76.3	76.3	72.0	74.0	66.0	37.0	63.0	65.7
16-Jan-22	17:00:00	16-Jan-2217:00	68.4	33.5	79.5	76.5	76.8	72.0	74.2	65.8	37.2	62.6	65.9
16-Jan-22	17:30:00	16-Jan-2217:30	60.8	33.5	75.3	70.0	69.8	69.8	71.0	63.5	35.9	61.9	63.5
16-Jan-22	18:00:00	16-Jan-2218:00	60.8	33.5	73.0	68.2	69.0	69.3	71.0	63.0	35.0	61.0	63.0
16-Jan-22	18:30:00	16-Jan-2218:30	60.8	33.5	72.1	68.6	68.7	69.0	70.3	62.9	35.0	60.5	63.0
16-Jan-22	19:00:00	16-Jan-2219:00	60.8	33.5	72.0	68.3	68.6	68.6	70.0	62.0	34.5	60.0	62.8
16-Jan-22	19:30:00	16-Jan-2219:30	60.8	33.5	72.0	68.0	68.2	68.0	70.0	62.0	34.0	60.0	62.0
16-Jan-22	20:00:00	16-Jan-2220:00	60.8	33.5	71.6	68.0	68.0	68.0	69.9	62.0	34.0	59.7	62.0
16-Jan-22	20:30:00	16-Jan-2220:30	60.8	33.5	71.0	67.7	68.3	68.0	69.0	61.1	34.0	59.6	62.0
16-Jan-22	21:00:00	16-Jan-2221:00	69.5	33.5	71.1	74.2	74.3	69.7	73.9	63.5	35.9	60.8	61.4
16-Jan-22	21:30:00	16-Jan-2221:30	69.2	33.5	78.0	75.0	76.0	70.4	73.0	64.0	36.0	62.0	64.0
16-Jan-22	22:00:00	16-Jan-2222:00	69.2	32.8	78.3	75.0	75.7	71.0	73.0	64.7	36.0	62.0	64.1
16-Jan-22	22:30:00	16-Jan-2222:30	69.2	32.5	79.0	76.0	76.0	71.0	73.0	65.0	36.0	62.3	65.0
16-Jan-22	23:00:00	16-Jan-2223:00	69.2	32.5	79.0	76.0	75.7	71.0	73.3	65.0	36.3	62.6	65.0
16-Jan-22	23:30:00	16-Jan-2223:30	69.2	32.5	79.0	76.0	76.0	71.6	74.0	65.0	37.0	62.2	65.0
17-Jan-22	0:00:00	17-Jan-2200:00	69.2	32.5	79.0	76.0	76.0	71.3	74.0	65.0	37.0	63.0	65.0
17-Jan-22	0:30:00	17-Jan-2200:30	69.2	33.3	79.3	76.3	76.3	71.9	74.4	65.5	37.0	63.0	65.4
17-Jan-22	1:00:00	17-Jan-2201:00	69.2	33.1	79.3	76.0	76.3	72.0	74.5	66.0	37.2	63.4	65.7
17-Jan-22	1:30:00	17-Jan-2201:30	68.3	32.6	79.3	76.2	76.6	72.2	74.2	65.7	37.6	64.0	65.9
17-Jan-22	2:00:00	17-Jan-2202:00	61.1	32.2	75.3	70.3	70.2	71.0	71.6	63.8	36.0	62.2	64.2
17-Jan-22	2:30:00	17-Jan-2202:30	61.1	31.6	73.0	70.0	70.0	70.0	71.0	64.0	36.0	62.0	64.0
17-Jan-22	3:00:00	17-Jan-2203:00	61.1	31.8	73.0	70.0	71.0	70.0	71.0	63.7	36.0	61.4	64.0
17-Jan-22	3:30:00	17-Jan-2203:30	61.1	33.5	73.0	69.8	70.2	69.8	70.8	63.1	36.0	60.9	64.0
17-Jan-22	4:00:00	17-Jan-2204:00	61.1	33.5	72.1	69.0	69.4	68.4	70.0	62.3	34.7	59.8	62.0
17-Jan-22	4:30:00	17-Jan-2204:30	61.1	33.5	72.0	68.9	69.0	68.0	70.0	62.0	34.0	59.6	62.0
17-Jan-22	5:00:00	17-Jan-2205:00	61.1	35.0	71.4	68.0	68.7	68.0	69.7	61.6	34.0	59.0	62.0
17-Jan-22	5:30:00	17-Jan-2205:30	61.1	35.5	71.0	68.0	69.0	68.0	69.0	61.0	33.8	59.0	61.4
17-Jan-22	6:00:00	17-Jan-2206:00	63.4	35.5	71.0	69.5	70.1	68.4	69.0	61.5	33.3	59.3	62.7
17-Jan-22	6:30:00	17-Jan-2206:30	68.5	35.1	77.8	75.0	75.9	70.0	73.0	64.0	35.0	61.0	64.0

17-Jan-22	7:00:00	17-Jan-2207:00	68.9	34.5	78.2	75.0	75.4	70.2	73.0	64.0	35.0	61.1	64.0
17-Jan-22	7:30:00	17-Jan-2207:30	70.5	34.5	79.0	75.9	76.7	71.0	73.3	65.0	36.1	62.2	65.0
17-Jan-22	8:00:00	17-Jan-2208:00	70.5	33.8	79.0	76.0	75.5	71.0	73.0	65.0	36.5	63.0	65.0
17-Jan-22	8:30:00	17-Jan-2208:30	70.5	33.5	79.0	76.0	75.6	71.3	73.6	65.0	36.6	63.0	65.0
17-Jan-22	9:00:00	17-Jan-2209:00	70.5	33.6	79.0	76.0	76.0	71.4	74.0	65.0	37.0	63.0	65.0
17-Jan-22	9:30:00	17-Jan-2209:30	70.5	34.8	79.0	76.0	76.0	72.0	74.0	65.1	37.0	63.0	65.0
17-Jan-22	10:00:00	17-Jan-2210:00	70.5	35.4	79.1	76.0	76.1	72.0	74.0	65.7	37.0	63.0	65.0
17-Jan-22	10:30:00	17-Jan-2210:30	70.5	33.9	80.0	76.0	76.2	72.0	74.0	65.7	37.0	63.0	65.3
17-Jan-22	11:00:00	17-Jan-2211:00	64.9	33.6	77.8	74.1	74.4	71.4	72.9	65.0	36.9	61.9	65.0
17-Jan-22	11:30:00	17-Jan-2211:30	61.3	34.5	72.9	69.3	69.6	69.6	71.0	63.0	35.5	61.1	63.0
17-Jan-22	12:00:00	17-Jan-2212:00	61.3	34.5	72.9	69.0	69.0	69.0	71.0	63.0	35.0	61.0	63.0
17-Jan-22	12:30:00	17-Jan-2212:30	61.3	34.5	72.0	69.0	69.0	69.0	70.8	63.0	35.0	61.0	63.0
17-Jan-22	13:00:00	17-Jan-2213:00	61.3	32.2	72.0	69.0	69.0	69.0	70.3	63.0	35.0	60.8	63.0
17-Jan-22	13:30:00	17-Jan-2213:30	61.3	31.6	72.0	69.0	69.0	69.0	70.0	62.5	35.0	60.6	63.0
17-Jan-22	14:00:00	17-Jan-2214:00	62.7	31.6	72.0	69.0	68.5	68.8	70.0	62.1	34.1	60.0	62.8
17-Jan-22	14:30:00	17-Jan-2214:30	69.7	31.6	78.4	74.8	75.1	69.8	73.3	65.0	36.0	61.7	65.0
17-Jan-22	15:00:00	17-Jan-2215:00	69.7	32.3	79.0	75.8	76.0	71.0	74.0	65.0	36.2	62.3	65.0
17-Jan-22	15:30:00	17-Jan-2215:30	69.7	32.5	79.0	75.9	76.0	71.0	74.0	65.0	37.0	62.8	65.0
17-Jan-22	16:00:00	17-Jan-2216:00	69.7	32.5	79.0	76.0	76.0	71.4	74.0	65.0	37.0	63.0	65.0
17-Jan-22	16:30:00	17-Jan-2216:30	69.7	32.5	79.3	76.0	76.3	72.0	74.0	65.1	37.0	63.0	65.0
17-Jan-22	17:00:00	17-Jan-2217:00	69.7	32.5	79.0	76.0	76.4	72.0	74.0	66.0	37.0	63.0	65.0
17-Jan-22	17:30:00	17-Jan-2217:30	69.7	32.5	79.0	76.0	76.2	71.7	74.0	66.0	37.0	63.0	65.3
17-Jan-22	18:00:00	17-Jan-2218:00	68.7	32.5	79.0	75.3	75.3	71.6	74.0	65.2	37.0	62.9	65.0
17-Jan-22	18:30:00	17-Jan-2218:30	60.6	32.1	74.0	70.5	70.4	69.4	72.0	63.7	35.2	59.7	63.2
17-Jan-22	19:00:00	17-Jan-2219:00	60.6	31.6	71.9	68.7	68.6	68.1	70.0	62.0	34.6	60.0	62.3
17-Jan-22	19:30:00	17-Jan-2219:30	60.4	31.6	71.0	68.0	68.0	68.0	70.0	62.0	34.0	59.9	62.0
17-Jan-22	20:00:00	17-Jan-2220:00	58.6	31.7	71.0	68.0	68.0	67.7	69.0	61.0	34.0	59.3	61.6
17-Jan-22	20:30:00	17-Jan-2220:30	58.6	32.5	70.4	67.0	67.7	67.0	69.0	61.0	33.2	59.0	61.0
17-Jan-22	21:00:00	17-Jan-2221:00	58.6	32.5	71.0	67.3	67.4	67.0	69.0	61.0	33.0	59.0	61.0
17-Jan-22	21:30:00	17-Jan-2221:30	68.7	32.5	75.5	71.9	72.3	70.4	71.7	62.9	34.5	60.8	63.1
17-Jan-22	22:00:00	17-Jan-2222:00	68.6	32.5	78.0	75.0	74.9	70.0	73.0	64.0	35.6	61.7	64.0
17-Jan-22	22:30:00	17-Jan-2222:30	68.6	32.5	78.1	75.1	75.4	70.6	73.0	64.0	36.0	62.0	64.0
17-Jan-22	23:00:00	17-Jan-2223:00	68.6	32.6	79.0	75.7	75.5	71.0	73.0	64.3	36.0	62.0	64.3
17-Jan-22	23:30:00	17-Jan-2223:30	68.6	33.5	79.0	75.4	75.9	71.0	74.0	65.0	36.3	62.6	65.0
18-Jan-22	0:00:00	18-Jan-2200:00	68.6	33.5	79.0	76.0	76.0	71.0	73.7	65.0	36.8	63.0	65.0
18-Jan-22	0:30:00	18-Jan-2200:30	69.5	34.4	79.4	76.3	76.4	71.6	74.0	65.2	37.0	63.0	65.2
18-Jan-22	1:00:00	18-Jan-2201:00	70.6	34.5	79.4	76.2	76.7	72.0	74.0	66.0	37.0	63.1	66.0
18-Jan-22	1:30:00	18-Jan-2201:30	70.6	34.5	80.0	76.9	76.7	72.3	74.7	66.0	38.0	63.7	66.0

18-Jan-22	2:00:00	18-Jan-2202:00	69.3	34.5	80.0	77.0	77.8	72.7	75.0	66.0	38.0	64.0	66.0
18-Jan-22	2:30:00	18-Jan-2202:30	62.3	34.5	73.7	70.8	71.4	70.4	72.1	64.0	36.6	62.4	64.0
18-Jan-22	3:00:00	18-Jan-2203:00	62.3	34.5	73.0	70.0	71.0	70.0	71.2	64.0	36.0	62.0	64.0
18-Jan-22	3:30:00	18-Jan-2203:30	62.3	34.5	73.0	70.0	70.7	70.0	71.0	64.0	36.0	62.0	64.0
18-Jan-22	4:00:00	18-Jan-2204:00	62.3	34.5	73.0	69.8	70.0	70.0	71.0	63.2	35.5	61.7	63.2
18-Jan-22	4:30:00	18-Jan-2204:30	61.3	34.5	73.0	69.9	70.0	69.8	71.0	63.0	35.0	61.0	63.0
18-Jan-22	5:00:00	18-Jan-2205:00	60.3	34.5	72.3	69.0	70.0	69.0	70.5	63.0	35.0	60.7	63.0
18-Jan-22	5:30:00	18-Jan-2205:30	60.3	34.2	72.0	69.0	69.2	69.0	70.0	62.1	35.0	61.0	62.4
18-Jan-22	6:00:00	18-Jan-2206:00	60.3	33.0	72.0	69.0	69.0	69.0	70.0	62.0	35.0	61.0	62.0
18-Jan-22	6:30:00	18-Jan-2206:30	60.3	33.3	72.0	69.0	69.0	69.0	70.0	62.0	35.0	61.0	62.0
18-Jan-22	7:00:00	18-Jan-2207:00	66.7	34.7	75.4	69.0	69.0	69.0	70.0	62.0	35.0	61.0	62.0
18-Jan-22	7:30:00	18-Jan-2207:30	68.8	35.5	78.0	69.0	69.0	69.0	70.0	62.0	35.0	61.0	62.0
18-Jan-22	8:00:00	18-Jan-2208:00	68.8	35.5	78.0	69.0	69.0	69.0	70.0	62.0	35.0	61.0	62.0
18-Jan-22	8:30:00	18-Jan-2208:30	68.2	35.5	78.0	70.9	71.0	69.3	71.2	62.2	35.4	61.2	62.9
18-Jan-22	9:00:00	18-Jan-2209:00	68.7	35.5	78.0	75.0	74.7	69.6	72.4	63.3	34.9	60.7	62.9
18-Jan-22	9:30:00	18-Jan-2209:30	68.7	35.5	77.7	74.4	74.4	69.6	72.7	63.4	35.0	60.4	63.4
18-Jan-22	10:00:00	18-Jan-2210:00	68.7	35.8	78.0	74.7	75.0	70.0	73.0	64.0	35.0	61.0	63.5
18-Jan-22	10:30:00	18-Jan-2210:30	68.7	35.5	78.0	75.0	75.6	70.0	73.0	64.0	35.0	60.7	63.1
18-Jan-22	11:00:00	18-Jan-2211:00	68.7	35.5	78.0	75.0	75.2	70.0	73.0	63.7	35.0	61.0	64.3
18-Jan-22	11:30:00	18-Jan-2211:30	68.7	35.5	78.5	75.3	75.4	70.0	73.0	64.0	35.3	61.0	64.0
18-Jan-22	12:00:00	18-Jan-2212:00	68.7	35.9	78.0	75.0	75.6	70.0	73.0	64.0	35.7	61.3	64.0
18-Jan-22	12:30:00	18-Jan-2212:30	68.7	36.4	78.2	75.0	75.2	70.3	73.0	64.9	36.0	61.6	64.0
18-Jan-22	13:00:00	18-Jan-2213:00	68.7	35.2	78.7	75.0	75.4	70.6	73.0	64.7	36.0	61.3	64.0
18-Jan-22	13:30:00	18-Jan-2213:30	69.9	32.3	79.0	76.0	75.7	71.2	73.5	65.3	36.2	62.4	64.5
18-Jan-22	14:00:00	18-Jan-2214:00	70.4	32.7	79.3	76.0	76.0	72.0	74.0	65.3	37.0	63.0	65.4
18-Jan-22	14:30:00	18-Jan-2214:30	70.4	34.5	80.0	76.1	76.1	72.0	74.0	65.5	37.0	63.0	65.8
18-Jan-22	15:00:00	18-Jan-2215:00	67.6	34.5	78.7	75.2	76.5	72.0	74.3	65.9	37.3	63.0	65.9
18-Jan-22	15:30:00	18-Jan-2215:30	61.3	34.2	72.8	68.8	72.3	70.2	70.3	63.2	35.0	61.3	63.8
18-Jan-22	16:00:00	18-Jan-2216:00	61.1	33.5	72.0	68.7	69.3	69.0	70.5	63.0	35.0	61.0	63.0
18-Jan-22	16:30:00	18-Jan-2216:30	61.4	33.2	72.0	68.7	68.9	69.0	70.6	63.0	35.0	61.0	63.0
18-Jan-22	17:00:00	18-Jan-2217:00	61.4	32.5	72.0	68.9	68.6	68.6	70.0	63.0	35.0	60.6	63.0
18-Jan-22	17:30:00	18-Jan-2217:30	60.4	33.3	71.7	68.0	68.8	68.0	70.0	62.0	34.1	60.0	62.1
18-Jan-22	18:00:00	18-Jan-2218:00	59.4	33.5	71.0	68.0	67.7	68.0	69.3	61.7	34.0	59.7	62.0
18-Jan-22	18:30:00	18-Jan-2218:30	59.4	33.5	70.5	67.5	67.5	67.2	69.0	61.1	34.0	59.3	61.4
18-Jan-22	19:00:00	18-Jan-2219:00	66.8	33.5	74.9	71.4	71.5	68.9	71.1	64.3	34.4	60.1	63.0
18-Jan-22	19:30:00	18-Jan-2219:30	68.0	14.6	78.0	74.0	74.5	70.0	72.2	63.6	35.3	61.4	63.7
18-Jan-22	20:00:00	18-Jan-2220:00	68.0	30.6	78.0	74.6	74.1	70.0	72.7	64.0	36.0	61.5	63.7
18-Jan-22	20:30:00	18-Jan-2220:30	68.0	33.9	78.0	75.0	75.0	70.0	73.0	64.0	36.0	61.6	64.0

18-Jan-22	21:00:00	18-Jan-2221:00	68.0	33.9	78.0	75.0	75.0	70.3	73.0	64.0	36.0	62.0	64.4
18-Jan-22	21:30:00	18-Jan-2221:30	69.0	33.9	78.7	75.1	75.1	71.0	73.2	64.5	36.0	62.3	65.0
18-Jan-22	22:00:00	18-Jan-2222:00	70.0	33.1	79.0	76.0	75.7	71.0	73.4	65.0	36.6	62.5	64.7
18-Jan-22	22:30:00	18-Jan-2222:30	70.0	32.9	79.0	76.0	76.3	71.4	74.0	65.0	37.0	62.7	65.0
18-Jan-22	23:00:00	18-Jan-2223:00	70.0	33.9	79.0	76.0	76.0	72.0	74.0	65.3	37.0	63.0	65.0
18-Jan-22	23:30:00	18-Jan-2223:30	70.0	33.9	79.7	76.4	76.7	72.0	74.2	65.8	37.0	63.0	65.8
19-Jan-22	0:00:00	19-Jan-2200:00	70.0	33.9	79.7	76.2	76.7	72.0	74.1	66.0	37.0	63.2	66.0
19-Jan-22	0:30:00	19-Jan-2200:30	69.0	33.9	80.0	77.0	77.3	72.1	75.0	66.0	37.5	64.0	66.0
19-Jan-22	1:00:00	19-Jan-2201:00	61.9	33.9	76.4	71.4	71.3	70.6	71.8	64.1	36.2	62.0	64.2
19-Jan-22	1:30:00	19-Jan-2201:30	61.9	34.9	73.0	70.0	70.0	70.0	71.0	64.0	36.0	61.7	64.0
19-Jan-22	2:00:00	19-Jan-2202:00	61.9	34.9	73.0	70.0	70.0	70.0	71.0	63.1	36.0	61.4	64.0
19-Jan-22	2:30:00	19-Jan-2202:30	61.9	35.3	73.0	70.0	70.0	70.0	71.0	63.0	36.0	61.5	64.0
19-Jan-22	3:00:00	19-Jan-2203:00	61.9	35.1	73.0	70.0	70.0	69.9	71.0	63.0	35.8	61.0	63.1
19-Jan-22	3:30:00	19-Jan-2203:30	61.9	32.9	73.0	69.5	69.7	69.3	71.0	63.0	35.0	61.0	63.0
19-Jan-22	4:00:00	19-Jan-2204:00	61.9	33.7	72.0	69.0	70.0	69.0	70.8	63.0	35.0	61.0	63.0
19-Jan-22	4:30:00	19-Jan-2204:30	61.3	36.8	72.0	69.0	69.7	69.0	70.0	62.9	35.0	60.8	63.0
19-Jan-22	5:00:00	19-Jan-2205:00	59.8	36.8	72.0	68.6	69.0	68.3	70.0	62.0	34.2	60.0	62.2
19-Jan-22	5:30:00	19-Jan-2205:30	64.9	36.8	73.5	71.7	70.7	70.0	70.9	62.7	34.6	60.9	62.7
19-Jan-22	6:00:00	19-Jan-2206:00	68.9	35.9	78.2	75.4	76.0	70.7	73.0	64.0	36.0	62.0	64.0
19-Jan-22	6:30:00	19-Jan-2206:30	68.9	35.4	78.2	75.0	75.2	70.7	73.0	64.0	36.0	62.1	64.0
19-Jan-22	7:00:00	19-Jan-2207:00	68.9	34.9	78.0	75.0	75.0	70.6	72.7	63.5	35.6	61.8	64.1
19-Jan-22	7:30:00	19-Jan-2207:30	68.9	34.9	78.0	75.0	75.0	69.8	72.7	63.9	34.7	61.0	63.6
19-Jan-22	8:00:00	19-Jan-2208:00	68.9	34.1	78.0	75.0	74.4	69.6	72.9	63.0	35.0	61.0	63.6
19-Jan-22	8:30:00	19-Jan-2208:30	68.9	32.8	78.0	74.7	74.5	69.2	72.0	63.0	34.7	60.6	63.3
19-Jan-22	9:00:00	19-Jan-2209:00	68.9	32.8	77.7	74.7	74.6	69.7	72.0	63.4	34.9	60.5	63.0
19-Jan-22	9:30:00	19-Jan-2209:30	68.9	33.8	78.0	74.8	75.0	69.0	72.3	63.1	34.5	60.3	62.5
19-Jan-22	10:00:00	19-Jan-2210:00	68.9	35.1	78.0	74.6	74.2	69.3	72.4	63.2	35.0	60.8	63.0
19-Jan-22	10:30:00	19-Jan-2210:30	68.9	35.7	78.0	75.0	75.0	70.0	73.0	63.7	35.0	61.0	63.6
19-Jan-22	11:00:00	19-Jan-2211:00	68.9	33.4	78.4	74.9	75.4	70.0	73.0	64.0	35.0	61.0	63.5
19-Jan-22	11:30:00	19-Jan-2211:30	68.9	32.8	78.2	74.8	75.2	70.0	73.0	64.0	35.3	61.0	63.9
19-Jan-22	12:00:00	19-Jan-2212:00	68.9	33.3	78.3	75.0	75.3	70.0	73.0	64.0	35.0	61.0	64.0
19-Jan-22	12:30:00	19-Jan-2212:30	68.9	36.5	78.3	75.0	75.3	70.0	73.0	64.0	35.0	61.0	63.7
19-Jan-22	13:00:00	19-Jan-2213:00	68.9	36.7	78.0	75.0	75.0	70.0	73.0	63.4	35.4	60.7	63.3
19-Jan-22	13:30:00	19-Jan-2213:30	68.9	36.4	78.2	75.4	75.2	70.0	73.0	64.0	35.4	61.0	63.6
19-Jan-22	14:00:00	19-Jan-2214:00	68.9	36.5	79.0	75.7	76.0	70.3	73.0	64.0	35.9	61.0	64.0
19-Jan-22	14:30:00	19-Jan-2214:30	68.9	35.6	78.4	75.0	75.4	70.0	73.0	64.0	35.8	61.0	64.0
19-Jan-22	15:00:00	19-Jan-2215:00	68.9	32.2	79.0	75.3	75.7	70.5	73.0	64.1	36.0	61.6	64.0
19-Jan-22	15:30:00	19-Jan-2215:30	71.0	32.7	79.0	76.2	76.3	71.9	73.7	65.0	36.7	62.8	64.8

19-Jan-22	16:00:00	19-Jan-2216:00	71.0	34.3	79.3	76.0	76.5	72.0	74.0	65.6	37.0	63.0	65.3
19-Jan-22	16:30:00	19-Jan-2216:30	64.7	34.8	77.1	74.3	74.4	71.0	72.7	64.6	36.7	62.4	64.4
19-Jan-22	17:00:00	19-Jan-2217:00	60.6	34.8	72.2	69.0	70.0	69.0	71.0	63.0	35.0	60.9	63.0
19-Jan-22	17:30:00	19-Jan-2217:30	60.6	34.8	72.0	69.0	69.1	69.0	70.0	63.0	35.0	60.9	63.0
19-Jan-22	18:00:00	19-Jan-2218:00	60.6	34.0	71.2	68.2	67.9	68.4	70.0	62.1	35.0	60.0	62.4
19-Jan-22	18:30:00	19-Jan-2218:30	60.6	33.8	71.3	68.0	68.3	68.1	70.0	62.0	34.0	60.0	62.0
19-Jan-22	19:00:00	19-Jan-2219:00	60.6	33.8	71.0	68.0	68.0	68.0	69.2	62.0	34.0	59.6	62.0
19-Jan-22	19:30:00	19-Jan-2219:30	61.5	33.8	71.2	67.6	68.0	67.5	69.3	61.3	34.2	59.0	62.0
19-Jan-22	20:00:00	19-Jan-2220:00	68.5	33.8	78.0	74.0	74.6	70.0	72.0	63.4	35.2	61.2	64.0
19-Jan-22	20:30:00	19-Jan-2220:30	68.5	33.8	78.0	74.6	74.9	70.0	73.0	64.0	36.0	61.8	64.0
19-Jan-22	21:00:00	19-Jan-2221:00	68.5	33.8	78.5	75.0	75.2	70.7	73.0	64.0	36.0	62.0	64.3
19-Jan-22	21:30:00	19-Jan-2221:30	68.5	33.8	79.0	75.4	76.0	70.7	73.4	65.0	36.0	62.3	64.5
19-Jan-22	22:00:00	19-Jan-2222:00	68.5	33.8	79.0	76.0	76.0	71.0	74.0	65.0	36.3	62.7	65.0
19-Jan-22	22:30:00	19-Jan-2222:30	70.3	33.8	79.0	76.0	76.3	71.4	74.0	65.2	37.0	63.0	65.0
19-Jan-22	23:00:00	19-Jan-2223:00	70.5	33.8	79.6	76.0	76.8	72.0	74.0	66.0	37.0	63.0	65.0
19-Jan-22	23:30:00	19-Jan-2223:30	70.5	33.8	79.9	76.9	77.0	72.0	74.4	66.0	37.4	63.5	66.0
20-Jan-22	0:00:00	20-Jan-2200:00	70.5	33.8	80.0	77.0	77.0	72.0	74.7	66.0	37.7	63.3	66.0
20-Jan-22	0:30:00	20-Jan-2200:30	67.8	33.8	79.8	77.0	77.6	72.6	75.0	65.7	37.8	63.1	65.7
20-Jan-22	1:00:00	20-Jan-2201:00	62.4	34.2	73.0	71.9	74.2	70.0	72.6	64.0	36.0	61.9	64.0
20-Jan-22	1:30:00	20-Jan-2201:30	62.4	33.6	73.0	70.0	70.6	70.0	71.9	64.0	36.0	62.0	64.0
20-Jan-22	2:00:00	20-Jan-2202:00	62.4	31.9	73.0	70.0	70.0	70.0	71.0	64.0	36.0	61.6	64.0
20-Jan-22	2:30:00	20-Jan-2202:30	62.4	31.9	73.0	70.0	70.0	70.0	71.0	63.4	36.0	61.8	64.0
20-Jan-22	3:00:00	20-Jan-2203:00	62.4	33.7	73.0	70.0	70.0	70.0	71.0	63.3	36.0	61.3	63.7
20-Jan-22	3:30:00	20-Jan-2203:30	60.6	33.9	73.0	69.7	70.1	69.7	71.0	63.5	35.7	61.0	63.6
20-Jan-22	4:00:00	20-Jan-2204:00	60.4	34.8	72.8	70.0	70.2	69.2	71.0	63.0	35.1	61.0	63.0
20-Jan-22	4:30:00	20-Jan-2204:30	60.4	34.8	72.3	69.3	69.9	69.0	70.5	63.0	35.0	61.0	63.0
20-Jan-22	5:00:00	20-Jan-2205:00	60.4	34.8	72.0	69.0	69.3	68.4	70.0	62.1	34.7	60.3	62.7
20-Jan-22	5:30:00	20-Jan-2205:30	60.4	35.7	72.0	69.0	69.0	68.3	70.0	62.0	34.5	60.0	62.5
20-Jan-22	6:00:00	20-Jan-2206:00	69.1	34.9	77.6	74.6	74.3	70.2	71.8	63.4	35.3	61.5	63.3
20-Jan-22	6:30:00	20-Jan-2206:30	69.7	34.8	78.0	75.0	75.4	70.3	73.0	64.0	36.0	62.0	64.0
20-Jan-22	7:00:00	20-Jan-2207:00	69.7	35.4	78.3	75.3	75.5	70.6	73.0	64.3	36.0	62.0	64.0
20-Jan-22	7:30:00	20-Jan-2207:30	69.7	36.1	78.8	75.3	76.3	70.7	73.0	64.0	36.0	62.0	64.0
20-Jan-22	8:00:00	20-Jan-2208:00	69.6	36.0	79.0	75.3	75.7	71.0	73.3	64.0	36.0	62.0	64.0
20-Jan-22	8:30:00	20-Jan-2208:30	69.5	35.7	78.5	75.4	75.3	70.9	73.2	64.0	36.0	61.2	64.3
20-Jan-22	9:00:00	20-Jan-2209:00	69.6	34.8	79.3	75.7	75.6	70.5	73.1	64.4	36.3	63.4	63.5
20-Jan-22	9:30:00	20-Jan-2209:30	70.0	34.8	79.3	75.4	75.7	70.7	73.3	64.7	36.0	62.0	65.0
20-Jan-22	10:00:00	20-Jan-2210:00	70.0	34.1	79.0	75.4	75.7	71.0	73.3	65.0	36.9	62.7	65.0
20-Jan-22	10:30:00	20-Jan-2210:30	70.0	34.2	79.0	76.0	75.7	71.1	73.7	65.0	37.0	63.0	65.0

20-Jan-22	11:00:00	20-Jan-2211:00	70.0	35.4	79.6	76.3	76.3	72.0	74.0	65.0	37.0	63.0	65.1
20-Jan-22	11:30:00	20-Jan-2211:30	60.8	35.3	75.0	71.4	72.0	70.1	71.8	63.4	35.8	61.8	63.7
20-Jan-22	12:00:00	20-Jan-2212:00	60.5	35.7	73.0	69.5	70.0	69.0	71.0	63.0	35.3	61.0	63.3
20-Jan-22	12:30:00	20-Jan-2212:30	60.5	35.7	72.4	69.1	69.6	69.0	71.0	63.0	35.0	61.0	63.0
20-Jan-22	13:00:00	20-Jan-2213:00	60.5	35.7	72.5	69.6	69.8	69.0	70.4	63.0	34.7	61.0	63.0
20-Jan-22	13:30:00	20-Jan-2213:30	68.8	35.7	74.4	73.3	73.2	69.8	72.7	64.2	35.7	62.1	64.4
20-Jan-22	14:00:00	20-Jan-2214:00	70.2	35.7	79.0	76.0	76.0	70.5	74.0	65.0	36.6	62.7	65.0
20-Jan-22	14:30:00	20-Jan-2214:30	70.1	35.6	79.0	76.0	75.7	71.0	73.7	65.1	37.0	63.2	65.0
20-Jan-22	15:00:00	20-Jan-2215:00	70.3	33.4	79.0	76.0	76.0	71.0	74.0	65.2	37.0	62.9	65.0
20-Jan-22	15:30:00	20-Jan-2215:30	70.3	32.8	79.3	76.3	76.3	71.8	74.0	65.7	37.0	63.0	65.1
20-Jan-22	16:00:00	20-Jan-2216:00	70.3	32.8	79.7	76.0	76.3	72.0	74.0	66.0	37.0	63.0	65.7
20-Jan-22	16:30:00	20-Jan-2216:30	65.4	33.5	77.2	73.9	74.2	71.2	73.2	65.5	36.5	62.4	63.6
20-Jan-22	17:00:00	20-Jan-2217:00	61.7	33.8	73.0	69.7	70.0	69.5	71.0	63.4	36.0	61.3	63.4
20-Jan-22	17:30:00	20-Jan-2217:30	61.7	33.8	72.7	69.4	69.7	69.3	71.0	63.0	35.0	61.0	63.0
20-Jan-22	18:00:00	20-Jan-2218:00	61.7	33.8	72.0	68.9	69.1	69.0	70.5	63.0	35.0	61.0	63.0
20-Jan-22	18:30:00	20-Jan-2218:30	61.7	33.8	72.0	68.8	68.5	68.7	70.0	62.7	35.0	60.6	63.0
20-Jan-22	19:00:00	20-Jan-2219:00	60.1	33.8	71.9	68.4	68.3	68.1	70.0	62.0	34.0	60.0	62.3
20-Jan-22	19:30:00	20-Jan-2219:30	59.7	33.8	71.0	68.0	68.2	68.0	69.2	61.7	34.0	59.7	62.0
20-Jan-22	20:00:00	20-Jan-2220:00	59.7	33.8	71.0	68.0	68.1	68.0	69.3	61.6	34.0	60.0	62.0
20-Jan-22	20:30:00	20-Jan-2220:30	61.8	34.5	71.8	68.8	68.7	68.2	69.0	61.3	34.0	59.5	62.0
20-Jan-22	21:00:00	20-Jan-2221:00	68.4	31.9	77.8	74.5	75.0	70.0	72.6	63.0	35.8	62.0	63.9
20-Jan-22	21:30:00	20-Jan-2221:30	68.4	31.8	78.6	75.6	75.7	70.6	73.0	64.0	36.0	62.0	64.0
20-Jan-22	22:00:00	20-Jan-2222:00	68.4	32.3	78.7	75.3	76.0	71.0	73.0	64.9	36.0	62.0	64.6
20-Jan-22	22:30:00	20-Jan-2222:30	68.8	33.4	79.0	75.7	76.4	71.0	73.7	65.0	36.4	62.6	65.0
20-Jan-22	23:00:00	20-Jan-2223:00	70.4	33.8	79.0	76.0	76.2	71.2	73.7	65.0	37.0	63.0	65.0
20-Jan-22	23:30:00	20-Jan-2223:30	70.4	34.7	79.0	76.0	76.3	71.7	74.0	65.0	37.0	63.0	65.0
21-Jan-22	0:00:00	21-Jan-2200:00	70.4	33.8	79.0	76.0	76.0	71.4	74.0	65.0	37.0	63.0	65.0
21-Jan-22	0:30:00	21-Jan-2200:30	70.4	33.8	79.9	76.9	76.9	72.0	74.4	65.7	37.4	63.2	65.4
21-Jan-22	1:00:00	21-Jan-2201:00	70.4	34.7	80.0	77.0	77.0	72.3	74.4	66.0	37.7	63.1	66.0
21-Jan-22	1:30:00	21-Jan-2201:30	68.5	35.7	80.3	77.0	77.3	72.5	75.0	66.4	37.9	63.0	65.9
21-Jan-22	2:00:00	21-Jan-2202:00	62.4	34.7	76.3	70.7	70.9	70.2	72.0	64.0	36.0	61.5	64.0
21-Jan-22	2:30:00	21-Jan-2202:30	62.4	33.8	73.2	70.0	70.8	70.0	72.0	64.0	36.0	62.0	64.0
21-Jan-22	3:00:00	21-Jan-2203:00	62.4	34.8	73.0	70.0	70.4	70.0	71.3	64.0	36.0	62.0	64.0
21-Jan-22	3:30:00	21-Jan-2203:30	62.4	35.7	73.0	70.0	70.5	70.0	71.0	64.0	36.0	62.0	64.0
21-Jan-22	4:00:00	21-Jan-2204:00	62.0	35.7	73.0	69.7	70.0	69.7	71.0	63.3	35.9	61.2	63.6
21-Jan-22	4:30:00	21-Jan-2204:30	60.4	35.7	73.0	70.0	70.3	69.0	71.0	63.0	35.0	61.0	63.0
21-Jan-22	5:00:00	21-Jan-2205:00	60.4	35.7	72.2	68.9	69.7	68.2	70.4	62.3	34.7	60.1	62.3
21-Jan-22	5:30:00	21-Jan-2205:30	60.4	35.7	71.0	68.0	68.3	67.7	69.3	61.0	33.3	58.4	61.0

21-Jan-22	6:00:00	21-Jan-2206:00	64.7	34.8	72.4	74.5	70.9	69.3	70.1	61.1	33.6	59.1	61.6
21-Jan-22	6:30:00	21-Jan-2206:30	68.2	34.7	77.7	74.1	74.4	69.3	72.0	63.0	35.0	60.0	63.0
21-Jan-22	7:00:00	21-Jan-2207:00	68.2	34.7	77.0	74.0	74.6	69.3	72.0	63.0	35.0	60.0	63.0
21-Jan-22	7:30:00	21-Jan-2207:30	68.2	34.7	77.1	74.4	74.1	69.8	72.5	63.0	35.0	60.0	63.0
21-Jan-22	8:00:00	21-Jan-2208:00	68.2	34.3	77.4	74.2	74.5	69.8	72.0	63.0	34.7	60.0	63.0
21-Jan-22	8:30:00	21-Jan-2208:30	68.2	34.7	77.7	74.4	74.1	69.6	72.0	63.0	34.7	60.0	63.0
21-Jan-22	9:00:00	21-Jan-2209:00	68.2	34.7	78.0	74.3	74.8	69.3	72.0	63.0	34.7	60.0	63.0
21-Jan-22	9:30:00	21-Jan-2209:30	68.1	34.6	77.9	74.6	74.6	69.9	72.0	63.5	35.0	60.0	63.0
21-Jan-22	10:00:00	21-Jan-2210:00	67.9	33.8	77.8	74.5	74.5	70.0	72.3	63.3	34.4	60.0	63.0
21-Jan-22	10:30:00	21-Jan-2210:30	67.9	33.8	78.0	74.1	74.7	69.7	72.0	63.4	34.6	60.0	63.0
21-Jan-22	11:00:00	21-Jan-2211:00	68.7	34.2	77.4	74.7	73.8	69.4	72.8	64.0	34.8	60.0	63.0
21-Jan-22	11:30:00	21-Jan-2211:30	70.1	35.7	78.0	75.0	75.0	69.7	73.0	64.0	35.0	60.0	63.0
21-Jan-22	12:00:00	21-Jan-2212:00	70.1	35.7	78.0	74.7	74.6	70.0	73.0	64.0	35.0	60.0	63.5
21-Jan-22	12:30:00	21-Jan-2212:30	70.1	35.7	78.5	75.8	75.6	70.8	73.0	64.7	35.6	61.5	64.3
21-Jan-22	13:00:00	21-Jan-2213:00	70.1	35.7	79.0	76.0	75.7	71.0	73.7	65.0	36.0	62.0	65.0
21-Jan-22	13:30:00	21-Jan-2213:30	70.1	35.7	79.0	76.0	76.2	71.0	74.0	65.0	36.6	62.4	65.0
21-Jan-22	14:00:00	21-Jan-2214:00	70.1	35.7	78.9	75.9	76.4	71.0	74.0	65.0	37.0	63.0	65.0
21-Jan-22	14:30:00	21-Jan-2214:30	70.1	35.7	78.8	75.3	75.7	71.3	73.4	65.0	37.0	62.4	65.0
21-Jan-22	15:00:00	21-Jan-2215:00	70.1	35.7	79.0	75.8	76.0	71.8	73.9	66.0	37.0	63.0	65.0
21-Jan-22	15:30:00	21-Jan-2215:30	65.3	36.5	77.5	74.5	74.8	71.4	73.2	65.3	36.3	62.6	64.8
21-Jan-22	16:00:00	21-Jan-2216:00	61.1	36.5	73.0	69.3	69.6	69.3	71.0	63.0	35.0	61.0	63.0
21-Jan-22	16:30:00	21-Jan-2216:30	61.1	33.8	72.4	69.6	69.6	69.0	71.0	63.0	35.0	61.0	63.0
21-Jan-22	17:00:00	21-Jan-2217:00	61.1	33.8	72.0	69.0	69.1	69.0	70.7	63.0	35.0	60.7	63.0
21-Jan-22	17:30:00	21-Jan-2217:30	61.1	32.8	72.0	69.0	69.2	69.0	70.1	63.0	35.0	60.6	62.9
21-Jan-22	18:00:00	21-Jan-2218:00	59.5	32.8	71.9	68.3	68.3	68.1	70.0	62.2	34.6	60.0	62.0
21-Jan-22	18:30:00	21-Jan-2218:30	59.2	33.4	71.0	67.7	67.8	68.0	69.5	62.0	34.0	60.0	62.0
21-Jan-22	19:00:00	21-Jan-2219:00	59.2	35.0	71.0	67.7	68.0	67.4	69.0	61.3	33.6	59.5	61.3
21-Jan-22	19:30:00	21-Jan-2219:30	68.0	35.7	74.2	72.1	72.8	69.2	71.4	64.7	34.6	60.3	63.5
21-Jan-22	20:00:00	21-Jan-2220:00	68.6	35.7	78.0	74.9	74.9	70.0	72.9	64.0	35.7	61.2	64.0
21-Jan-22	20:30:00	21-Jan-2220:30	68.6	35.9	78.0	75.0	75.0	70.0	73.0	64.0	36.0	61.7	64.0
21-Jan-22	21:00:00	21-Jan-2221:00	68.6	35.8	78.0	75.0	75.3	70.3	73.0	64.0	36.0	62.0	64.1
21-Jan-22	21:30:00	21-Jan-2221:30	68.6	35.7	78.7	75.4	75.7	71.0	73.0	64.5	36.2	62.1	64.7
21-Jan-22	22:00:00	21-Jan-2222:00	68.7	34.9	79.0	76.0	76.0	71.0	73.9	65.0	36.7	62.7	65.0
21-Jan-22	22:30:00	21-Jan-2222:30	70.5	34.7	79.3	76.0	76.4	71.9	74.0	65.0	37.0	63.0	65.0
21-Jan-22	23:00:00	21-Jan-2223:00	70.5	34.7	79.2	76.0	76.8	71.4	74.0	65.6	37.0	63.0	65.3
21-Jan-22	23:30:00	21-Jan-2223:30	70.5	34.7	80.0	76.6	76.7	72.0	74.1	66.0	37.1	63.0	66.0

DUTY UT: UT' STIEFERMANN
 START: 1030

Date	Zone	Hydrant #	Time	Pressure
12 JAN 2022	A2	8-14	1030	70
12 JAN 2022	A2	7-11	1045	70
12 JAN 22	A2	8-14	1130	69
12 JAN 22	A2	7-11	1145	72
12 JAN 22	A2	8-14	1230	70
12 JAN 22	A2	7-11	1236	73
12 JAN 22	A2	8-14	1329	70
12 JAN 22	A2	7-11	1335	74
12 JAN 22	A2	8-14	1433	66
12 JAN 22	A2	7-11	1438	70
12 JAN 22	A2	8-14	1529	67
12 JAN 22	A2	7-11	1536	70
12 JAN 22	A2	8-14	1624	67
12 JAN 22	A2	7-11	1633	70
END OF DAY				
13 JAN 22	F1	21	1212	84
13 JAN 22	F1	FH 42	1230	78
13 JAN 22	F1	21	1318	40
13 JAN 22	F1	42	1323	42
13 JAN 22	F1	42	1415	50
13 JAN 22	F1	21	1422	46
13 JAN 22	F1	42	1456	42
13 JAN 22	F1	21	1502	44
13 JAN 22	F1	42	1605	60
13 JAN 22	F1	21	1621	66
13 JAN 22	F1	21	1707	72
14 JAN 22		42	1712	74
14 JAN 22	F1	42	0808	64
14 JAN 22	F1	6	0819	58
14 JAN 22	F1	6	0934	62
14 JAN 22	F1	42	0942	54
14 JAN 22	F1	6	1045	68
14 JAN 22	F1	42	1054	74
14 JAN 22	F1	6	1141	78
14 JAN 22	F1	42	1149	74
14 JAN 22	F1	6	1250	90
14 JAN 22	F1	42	1258	86
14 JAN 22	F1	6	1352	88
14 JAN 22	F1	42	1403	84
19 JAN 22	D3	382	0810	69
19 JAN 22	D3	476	0815	68
19 JAN 22	D3	382	0915	63
19 JAN 22	D3	476	0920	62
19 JAN 22	D3	382	1020	67
19 JAN 22	D3	476	1030	65
19 JAN 22	D3	382	1131	68
19 JAN 22	D3	476	1138	67
19 JAN 22	D3	382	1231	67
19 JAN 22	D3	476	1235	64
19 JAN 22	D3	382	1330	67

UTC
 NA 100

UT
 MAR 20

UT 400

UPRHW

STIEBERMAN

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UPRHW

Date	Zone	Hydrant #	Time	Pressure
19 JAN 22	D3	D3	1332	63
19 JAN 22	D3	D3	1427	65
19 JAN 22	D3	D3	1431	65
19 JAN 22	D3	D3	1528	69
19 JAN 22	D3	D3	1530	66
19 JAN 22	D3	D3	1630	70
19 JAN 22	D3	D3	1635	68
19 JAN 22	D3	D3	1735	68
19 JAN 22	D3	D3	1801	66
19 JAN 22	D3	D3	1821	66
19 JAN 22	D3	D3	1831	67
20 JAN 22	D3	D3	0830	71
20 JAN 22	D3	D3	0845	69
20 JAN 22	D3	D3	940	70
20 JAN 22	D3	D3	950	66
20 JAN 22	D3	D3	1055	73
20 JAN 22	D3	D3	1165	70
20 JAN 22	D3	D3	1210	71
20 JAN 22	D3	D3	1217	68
20 JAN 22	D3	D3	1310	70
20 JAN 22	D3	D3	1320	66
20 JAN 22	D3	D3	1403	74
20 JAN 22	D3	D3	1412	68
20 JAN 22	D3	D3	1508	72
20 JAN 22	D3	D3	1518	68
21 JAN 22	F2	32	0805	58
21 JAN 22	F2	11	0815	58
21 JAN 22	F2	32	0906	58
21 JAN 22	F2	11	0910	57
21 JAN 22	F2	32	1012	58
21 JAN 22	F2	11	1018	56
21 JAN 22	F2	32	1038	52
21 JAN 22	F2	11	1100	56
21 JAN 22	F2	32	1120	52
21 JAN 22	F2	11	1219	57
21 JAN 22	F2	32	1225	52
21 JAN 22	F2	11	1305	59
21 JAN 22	F2	32	1311	55
21 JAN 22	F2	11	1400	60
21 JAN 22	F2	32	1405	55
21 JAN 22	F2	11	1501	60
21 JAN 22	F2	32	1508	54
21 JAN 22	F2	11	1601	57
21 JAN 22	F2	32	1608	54
21 JAN 22	F2	11	1702	57
21 JAN 22	F2	32	1708	54
21 JAN 22	F2	32	1813	54
21 JAN 22	F2	11	1822	57
22 JAN 22	F2	13	0815	50
22 JAN 22	F2	25	0930	62

RELOCATED

INSTALLER
SAME #

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-ASHE4009	F1-ASHE4019	F1-ASHE4019	F1-BENN5508	F1-BENN5512	F1-BENN5523	F1-BENN5556	F1-BENN5559		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
	4009 Asher Court	4019 Asher Court	4019 Asher Court	5508 Bennion Drive	5512 Bennion Drive	5523 Bennion Drive	5556 Bennion Drive	5559 Bennion Drive		
Field Sample ID:	220119-F1-LT04	220118-F1-JT02	220120-F1-JT02	220119-F1-GT03	220120-F1-KT02	220119-F1-CT03	220119-F1-BT08	220119-F1-GT06		
Sample Date:	2022-01-19	2022-01-18	2022-01-20	2022-01-19	2022-01-20	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	N	N	N (72 Hour Stagnation)		N	N	N	N		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels								
	2	None	None	None	0.190 U	2.09	0.500 U	0.250 U	0.250 U	0.500 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HC (µg/L)	Incident Specific Parameters	Groundwater Action Levels								
	200	400	None	None	91.0 U	92.0 U	94.0 U	93.0 U	93.0 U	96.0 U
Petroleum Hydrocarbons (as Diesel)										
	200	300	None	None	100 U	100 U	31.0 U	100 U	100 U	31.0 U
Petroleum Hydrocarbons (as Gasoline)										
	200	500	None	None	180 U	180 U	190 U	190 U	190 U	190 U
Petroleum Hydrocarbons (as Motor Oil)										
Total Petroleum Hydrocarbons	211				--	--	--	--	--	--

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HG (µg/L)	Incident Specific Parameters	Groundwater Action Levels								
	0.025	0.025	2	2	0.0170 U	0.100 U	0.0900 J	0.0560 U	0.0560 U	0.0900 U
Mercury										

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
METAL (µg/L)	Incident Specific Parameters	Groundwater Action Levels								
	6	6	6	6	0.0889 U	0.0570 U	0.210 U	0.0570 U	0.0570 U	0.210 U
Antimony										
	10	10	10	10	0.217 J	0.890 U	0.500 U	0.890 U	0.890 U	0.500 U
Arsenic										
	220	220	2000	2000	2.33	2.00	2.10	2.00	2.30	2.00
Barium										
Beryllium	0.66	0.66	4	4	0.0624 U	0.0830 U	0.0700 U	0.0830 U	0.0830 U	0.0700 U
Cadmium	3	3	5	5	0.0416 U	0.140 U	0.120 U	0.140 U	0.140 U	0.120 U
Chromium	11	11	100	100	1.46	1.80	1.50 J	1.60 J	1.70	1.30 J
Copper	2.9	2.9	1300	1300	28.9	33.0	60.0	61.0	130	34.4
Lead	15	5.6	15	15	0.371	0.130 U	0.220 U	0.130 U	0.260 J	0.220 U
Mercury	0.025	0.025	2	2	--	--	--	--	--	--
Selenium	5	5	50	50	0.736	1.60 U	1.30	1.60 U	1.60 U	0.830 U
Thallium	2	2	2	2	0.0210 U	0.160 U	0.500 U	0.160 U	0.160 U	0.500 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-BENN5568	F1-BENN5568	F1-BENN5570	F1-BENN5577	F1-BENN5584	F1-BENN5590	F1-BENN5590	F1-BENN5591		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	5568 Bennion Drive	5568 Bennion Drive	5570 Bennion Drive	5577 Bennion Drive	5584 Bennion Drive	5590 Bennion Drive	5590 Bennion Drive	5591 Bennion Drive		
Field Sample ID:	220118-F1-JT04	220120-F1-JT04	220119-F1-CT05	220120-F1-LT01	220119-F1-FT01	220118-F1-FT08	220120-F1-FT04	220119-F1-AT01		
Sample Date:	2022-01-18	2022-01-20	2022-01-19	2022-01-20	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N	N (72 Hour Stagnation)	N	N	N	N	N (72 Hour Stagnation)	N		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels							
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels	None	SDG: DA41078	SDG: C22A044	SDG: 810126961	SDG: C22A044	SDG: C22A041	SDG: C22A039	SDG: C22A044	SDG: 81027891_Rev
Total Organic Carbon	2	None	None	0.200 U	0.200 U	0.250 U	1.93	0.200 U	1.71	0.200 U	0.250 U

		DOH		Environmental Protection Agency Maximum Contaminant Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Groundwater Action Levels	DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents
HC (µg/L)											
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	190 UJ	92.0 U	92.0 U	91.0 U	190 UJ	92.0 U	93.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	40.0 UJ	31.0 U	31.0 U	100 U	40.0 UJ	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	190 U	180 U	180 U	180 U	190 UJ	180 U	190 U
Total Petroleum Hydrocarbons	211		--	--	--	--	--	--	--	--	--

		DOH	Environmental	DOH Safe	Environmental						
		Action Levels	Table D-1A	Drinking Water	Protection						
				Branch (SDWB)	Agency						
				Regulatory	Maximum						
				Constituents	Contaminant						
					Levels						
		Incident Specific	Groundwater			SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
		Parameters	Action Levels			DA41078	810127791	810126961	C22A044	DA41078	810127791
				2	2	0.0250 U	0.100 U	0.0560 U	--	0.0250 U	0.0560 U
		0.025	0.025								
HG (µg/L)											
Mercury											

DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels						
Incident Specific Parameters	Groundwater Action Levels	Table D-1A	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: DA41078	SDG: 810127791	SDG: 810126961	SDG: 982128	SDG: DA41078	SDG: 810127791	SDG: 81027891_Rev
METAL (µg/L)												
Antimony	6	6	6	6	6	0.100 U	0.0570 U	0.0570 U	0.110 U	0.100 U	0.0570 U	--
Arsenic	10	10	10	10	10	0.500 U	0.890 U	0.890 U	0.300 J	0.500 U	0.890 U	--
Barium	220	220	2000	2000	2000	2.10	2.10	2.20	2.00	2.20	2.20	--
Beryllium	0.66	0.66	4	4	4	0.150 U	0.0830 U	0.0830 U	0.0910 U	0.150 U	0.0830 U	--
Cadmium	3	3	5	5	5	0.0500 U	0.140 U	0.140 U	0.0290 U	0.0500 U	0.140 U	--
Chromium	11	11	100	100	100	0.520 J	1.80	1.60	1.60	0.620 J	1.90	--
Copper	2.9	2.9	1300	1300	1300	64.0	64.0	100	27.0	32.0	150	--
Lead	15	5.6	15	15	15	0.130 U	0.0900 J	0.0880 U	0.180 J	0.130 U	0.110 J	--
Mercury	0.025	0.025	2	2	2	--	--	--	0.0200 U	--	--	--
Selenium	5	5	50	50	50	0.300 U	1.60 U	1.60 U	1.20 J	0.300 U	1.60 U	--
Thallium	2	2	2	2	2	0.0500 U	0.160 U	0.160 U	0.0410 U	0.0500 U	0.160 U	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-BENN5591 Residence 5591 Bennion Drive	F1-BENN5609 Residence 5609 Bennion Court	F1-BENN5629 Residence 5629 Bennion Court	F1-BLDG0075 Non-Residence Building 75,ADMIN OFFICE (SAFETY), 891 Bougainville Dr	F1-BLDG0617 Non-Residence Building 617,PEARL HARBOR COMMISSARY	F1-BLDG0A13 Non-Residence Building A13,ADMIN OFFICE	F1-BLDG0A13 Non-Residence Building A13,ADMIN OFFICE	F1-BLDG2643 Non-Residence Building 2643,TACO BELL MOANALUA SHOP CTR, 934 Valkenburgh St		
Field Sample ID:	220119-F1-AT02	220119-F1-LT07	220119-F1-DT01	220120-F1-AT06	220120-F1-AT05	220120-F1-BT01	220120-F1-BT02	220120-F1-ET05		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-20	2022-01-20		
Sample Type:	FD	N	N	N	N	N	FD	N		

GENCHEM (mg/L)	Incident Specific Parameters	Action Levels	DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 81027891_Rev	SDG: 2A20048_Rev	SDG: C22A041	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044
Total Organic Carbon	2	None	None	None	None	0.250 U	0.190 U	0.200 U	0.200 U	3.74	0.200 U	3.38	0.200 U

HC (µg/L)	Incident Specific Parameters	Action Levels	DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 5801094761	SDG: 5801095231	SDG: DA41078	SDG: 5801095551	SDG: 5801095211	SDG: 5801095551	SDG: 5801095231
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	None	93.0 U	92.0 U	190 UJ	94.0 U	93.0 U	92.0 U	92.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	None	31.0 U	31.0 U	40.0 UJ	31.0 U	100 U	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	None	190 U	180 U	190 U	190 U	190 U	180 U	180 U
Total Petroleum Hydrocarbons	211		--	--	--	--	--	--	--	--	--	--

HG (µg/L)	Incident Specific Parameters	Action Levels	DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 81027891_Rev	SDG: 2A20048_Rev	SDG: DA41078	SDG: DA41139	SDG: DA41129	SDG: DA41139	SDG: DA41139
Mercury	0.025	0.025	2	2	2	0.0560 U	0.0170 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	--

METAL (µg/L)	Incident Specific Parameters	Action Levels	DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 81027891_Rev	SDG: 2A20048_Rev	SDG: DA41078	SDG: DA41139	SDG: DA41129	SDG: DA41139	SDG: DA41139
Antimony	6	6	6	6	6	0.0570 U	0.0889 U	0.100 U	0.100 U	0.100 U	0.100 U	0.110 U
Arsenic	10	10	10	10	10	0.890 U	0.207 J	0.500 U	0.500 U	0.500 U	0.500 U	0.270 J
Barium	220	220	2000	2000	2000	2.20	2.11	2.10	3.10	1.90 J	2.40	3.30
Beryllium	0.66	0.66	4	4	4	0.0830 U	0.0624 U	0.150 U	0.150 U	0.150 U	0.150 U	0.0910 U
Cadmium	3	3	5	5	5	0.140 U	0.0416 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0290 U
Chromium	11	11	100	100	100	1.80	1.45	0.500 U	1.10 J	1.80 J	1.50 J	1.70
Copper	2.9	2.9	1300	1300	1300	36.0	33.2	38.0	25.0	140	43.0	100
Lead	15	5.6	15	15	15	0.0880 U	0.163 J	0.130 U	0.130 J	0.130 U	0.130 U	0.280 J
Mercury	0.025	0.025	2	2	2	--	--	--	--	--	--	0.0200 U
Selenium	5	5	50	50	50	1.60 U	0.782	0.300 U	0.300 U	0.300 U	0.300 U	0.940 J
Thallium	2	2	2	2	2	0.160 U	0.0210 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0410 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-BLDG2654									
Location Type:	Non-Residence									
Residence:	Building 2654,PANDA EXPRESS, 4847 Warden Ave									
Field Sample ID:	220120-F1-ET04									
Sample Date:	2022-01-20									
Sample Type:	N	N	N	N	N	N	N	N	N	N

GENCHEM (mg/L)	Incident Specific Parameters	Action Levels	DOH		Environmental Protection Agency Maximum Contaminant Levels	SDG:	F1-BOUG4857		SDG:	F1-BOUG4857	SDG:	F1-BOUG4857	SDG:	F1-CAKO4517
			Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents			Non-Residence	School		School		School		Residence
Total Organic Carbon	2	None	None	None	None	C22A044	1.66	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.190 U

HC (µg/L)	Incident Specific Parameters	Action Levels	DOH		Environmental Protection Agency Maximum Contaminant Levels	SDG:	F1-BOUG4857		SDG:	F1-BOUG4857	SDG:	F1-BOUG4857	SDG:	5801095231
			Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents			Non-Residence	School		School		School		
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	None	5801095231	92.0 U	190 UJ	190 UJ	190 UJ	190 UJ	190 UJ	190 UJ	93.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	None		31.0 U	40.0 UJ	40.0 UJ	40.0 UJ	40.0 UJ	40.0 UJ	40.0 UJ	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	None		180 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
Total Petroleum Hydrocarbons	211		--	--	--	--	--	--	--	--	--	--	--	--

HG (µg/L)	Incident Specific Parameters	Action Levels	DOH		Environmental Protection Agency Maximum Contaminant Levels	SDG:	F1-BOUG4857		SDG:	F1-BOUG4857	SDG:	F1-BOUG4857	SDG:	2A20048_Rev
			Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents			Non-Residence	School		School		School		
Mercury	0.025	0.025	2	2	2	DA41078	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0170 U

METAL (µg/L)	Incident Specific Parameters	Action Levels	DOH		Environmental Protection Agency Maximum Contaminant Levels	SDG:	F1-BOUG4857		SDG:	F1-BOUG4857	SDG:	F1-BOUG4857	SDG:	2A20048_Rev
			Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents			Non-Residence	School		School		School		
Antimony	6	6	6	6	6	DA41129	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.0889 U
Arsenic	10	10	10	10	10	0.300 J	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.185 J
Barium	220	220	2000	2000	2000	2.10	2.90	2.10	2.20	2.20	2.20	2.10	2.10	1.93
Beryllium	0.66	0.66	4	4	4		0.150 U	0.150 U	0.150 U	0.150 U	0.150 U	0.150 U	0.150 U	0.0624 U
Cadmium	3	3	5	5	5		0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0416 U
Chromium	11	11	100	100	100	1.70	1.70 J	0.760 J	0.530 J	0.720 J	0.500 U	0.500 U	0.500 U	1.41
Copper	2.9	2.9	1300	1300	1300	37.0	65.0	3.90	1.30 J	36.0	12.0	32.7	32.7	
Lead	15	5.6	15	15	15	0.120 J	0.140 J	0.180 J	0.130 U	0.140 J	0.150 J	0.150 J	0.150 J	0.0827 U
Mercury	0.025	0.025	2	2	2	0.0200 U	--	--	--	--	--	--	--	--
Selenium	5	5	50	50	50	1.20 J	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.300 U	0.689
Thallium	2	2	2	2	2	0.0410 U	0.0500 U	0.0500 U	0.0500 U	0.0810 J	0.0500 U	0.0500 U	0.0500 U	0.0210 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-CLAR4412	F1-CLAR4427	F1-FLAH4326	F1-FLAH4328	F1-FLAH4335	F1-FLAH4337	F1-FUQU5209	F1-FUQU5313		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
	4412 Clarey Boulevard	4427 Clarey Boulevard	4326 Flaherty Circle	4328 Flaherty Circle	4335 Flaherty Circle	4337 Flaherty Circle	5209 Fuqua Lane	5313 Fuqua Street		
Field Sample ID:	220119-F1-ET06	220119-F1-ET03	220120-F1-HT03	220118-F1-JT03	220119-F1-DT04	220120-F1-KT01	220119-F1-ET05	220119-F1-BT10		
Sample Date:	2022-01-19	2022-01-19	2022-01-20	2022-01-18	2022-01-19	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	N	N	N	N	N	N		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels				
Total Organic Carbon	2	None	None	None	2.24	0.200 U
					2.21	0.200 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
HC (µg/L)	Incident Specific Parameters	Groundwater Action Levels				
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	SDG: DA41129	SDG: DA41129
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	SDG: 5801095211	SDG: 5801095251
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	SDG: DA41078	SDG: DA41129
Total Petroleum Hydrocarbons	211		--	--	190 U	91.0 U
					190 U	100 U
					40.0 UJ	40.0 UJ
					190 U	190 U
					180 U	100 U
					--	--

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
HG (µg/L)	Incident Specific Parameters	Groundwater Action Levels				
Mercury	0.025	0.025	2	2	SDG: DA41129	SDG: DA41129
					0.0250 U	0.0250 U
					0.0250 U	0.0560 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
METAL (µg/L)	Incident Specific Parameters	Groundwater Action Levels				
Antimony	6	6	6	6	SDG: DA41129	SDG: DA41129
Arsenic	10	10	10	10	0.100 U	0.100 U
Barium	220	220	2000	2000	0.500 U	0.500 U
Beryllium	0.66	0.66	4	4	0.500 U	0.500 U
Cadmium	3	3	5	5	2.00	1.90 J
Chromium	11	11	100	100	2.60	2.00
Copper	2.9	2.9	1300	1300	1.90 J	2.10
Lead	15	5.6	15	15	0.150 U	0.150 U
Mercury	0.025	0.025	2	2	0.0500 U	0.0830 U
Selenium	5	5	50	50	0.0500 U	0.140 U
Thallium	2	2	2	2	0.0500 U	0.160 U
					0.300 U	0.300 U
					0.0500 U	0.0500 U
					0.200 J	0.220 J
					0.130 U	0.130 U
					0.200 J	0.320 J
					--	--
					180	29.0
					1.80 J	2.20
					0.0500 U	0.0500 U
					0.150 U	0.150 U
					0.0500 U	0.0500 U
					0.510 J	1.60 J
					1.60 J	1.80 J
					60.0	77.0
					90.0	36.0
					0.130 U	0.220 J
					0.200 J	0.0920 J
					--	--
					0.300 U	1.60 U
					0.0500 U	0.160 U

Residential Sampling Report for Flushing Zone F1 Zone Residential DW Sampling Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:

Location Type:

Residence:

Field Sample ID:

Sample Date:

Sample Type:

[illegible]

	DOH	Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
Incident Specific Parameters	Action Levels	None	None	None	DA41078	DA41078	5801095551	5801095211	DA41078	5801095251
HC (µg/L)	200	400	None	None	190 UJ	190 UJ	92.0 U	93.0 U	190 UJ	100 U
Petroleum Hydrocarbons (as Diesel)	200	300	None	None	40.0 UJ	40.0 UJ	31.0 U	31.0 U	40.0 UJ	31.0 U
Petroleum Hydrocarbons (as Gasoline)	200	500	None	None	190 U	190 U	180 U	190 U	190 U	210 U
Petroleum Hydrocarbons (as Motor Oil)	200									
Total Petroleum Hydrocarbons	211				--	--	--	--	--	--

[illegible]

DOH									
Incident Specific Parameters			Environmental Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels		
METAL (µg/L)	6	10	220	0.66	3	11	2.9	15	0.025
Antimony	6	10	220	0.66	3	11	2.9	15	0.025
Arsenic	6	10	220	0.66	3	11	2.9	15	0.025
Barium	6	10	220	0.66	3	11	2.9	15	0.025
Beryllium	6	10	220	0.66	3	11	2.9	15	0.025
Cadmium	6	10	220	0.66	3	11	2.9	15	0.025
Chromium	6	10	220	0.66	3	11	2.9	15	0.025
Copper	6	10	220	0.66	3	11	2.9	15	0.025
Lead	6	10	220	0.66	3	11	2.9	15	0.025
Mercury	6	10	220	0.66	3	11	2.9	15	0.025
Selenium	6	10	220	0.66	3	11	2.9	15	0.025
Thallium	6	10	220	0.66	3	11	2.9	15	0.025

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-KIDD5011	F1-KIDD5013	F1-KIDD5018	F1-KIDD5018	F1-KIDD5022	F1-KIDD5022	F1-KIDD5022	F1-MCMO5404	F1-MCMO5405	
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	5011 Kidd Street	5013 Kidd Street	5018 Kidd Street	5018 Kidd Street	5022 Kidd Street	5022 Kidd Street	5022 Kidd Street	5404 McMorris Drive	5405 McMorris Drive	
Field Sample ID:	220119-F1-FT04	220119-F1-BT07	220118-F1-JT05	220120-F1-JT03	220120-F1-GT01	220120-F1-GT02	220119-F1-FT02	220119-F1-LT01		
Sample Date:	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-20	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	N	N	N	FD	N	N	N	

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
GENCHEM (mg/L)	Incident Specific Parameters	2	None	None	SDG: C22A041	SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: 5801095251	SDG: 2A20048_Rev
Total Organic Carbon				None	0.200 U	0.250 U	0.200 U	0.200 U	2.21	1.91
									2.17	0.190 U

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HC (µg/L)	Incident Specific Parameters	200	400	None	SDG: DA41078	SDG: 5801095251	SDG: DA41078	SDG: 5801095231	SDG: 5801095251	SDG: 5801094761
Petroleum Hydrocarbons (as Diesel)				None	190 UJ	93.0 U	190 UJ	92.0 U	92.0 U	93.0 U
Petroleum Hydrocarbons (as Gasoline)				None	40.0 UJ	100 U	40.0 UJ	100 U	100 U	31.0 UJ
Petroleum Hydrocarbons (as Motor Oil)				None	190 U	190 U	190 UJ	180 U	180 U	190 U
Total Petroleum Hydrocarbons	211				--	--	--	--	--	--

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HG (µg/L)	Incident Specific Parameters	0.025	0.025	2	SDG: DA41078	SDG: 810126961	SDG: DA41078	SDG: 810127791	SDG: DA41129	SDG: 2A20048_Rev
Mercury				2	0.0250 U	0.0560 U	0.0250 U	0.100 U	0.0250 U	0.0170 U

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
METAL (µg/L)	Incident Specific Parameters	6	6	6	SDG: DA41078	SDG: 810126961	SDG: DA41078	SDG: 810127791	SDG: DA41129	SDG: 2A20048_Rev
Antimony				6	0.100 U	0.0570 U	0.100 U	0.0570 U	0.100 U	0.0889 U
Arsenic				10	0.500 U	0.890 U	0.500 U	0.890 U	0.500 U	0.194 J
Barium				2000	2.20	2.10	2.20	2.20	2.00	2.09
Beryllium				4	0.150 U	0.0830 U	0.150 U	0.0830 U	0.150 U	0.0624 U
Cadmium				5	0.0500 U	0.140 U	0.0500 U	0.140 U	0.0500 U	0.0416 U
Chromium				100	0.500 U	1.70	0.500 J	1.80	1.60 J	1.40
Copper				1300	190	23.0	95.0	160	55.0	27.4
Lead				15	0.130 U	0.0880 U	0.460 J	0.0880 U	0.280 J	0.0827 U
Mercury				2	--	--	--	--	--	--
Selenium				50	0.300 U	1.60 U	0.300 U	1.60 U	0.300 U	0.470
Thallium				2	0.0500 U	0.160 U	0.0500 U	0.160 U	0.0500 U	0.0210 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:		F1-MCMO5412		F1-MCMO5423		F1-MCMO5434		F1-MCMO5434		F1-MCMO5460		F1-MCMO5464		F1-MCMO5477		F1-MCMO5486	
Location Type:		Residence		Residence		Residence		Residence		Residence		Residence		Residence		Residence	
Residence:		5412 McMorris Drive		5423 McMorris Drive		5434 McMorris Drive		5434 McMorris Drive		5460 McMorris Drive		5464 McMorris Drive		5477 McMorris Drive		5486 McMorris Drive	
Field Sample ID:		220119-F1-HT05		220119-F1-BT06		220119-F1-HT02		220119-F1-HT03		220119-F1-CT04		220119-F1-FT06		220119-F1-GT05		220120-F1-GT04	
Sample Date:		2022-01-19		2022-01-19		2022-01-19		2022-01-19		2022-01-19		2022-01-19		2022-01-19		2022-01-20	
Sample Type:		N		N		N		FD		N		N		N		N	

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels													
GENCHEM (mg/L)		Incident Specific Parameters		2		None		SDG: 35692020_Rev3		SDG: 810126961		SDG: 35692064_Rev		SDG: 810126961		SDG: 35692020_Rev3		SDG: C22A044	
Total Organic Carbon		None				None		0.500 U		0.250 U		0.500 U		0.250 U		0.500 U		0.200 U	

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels													
HC (µg/L)		Incident Specific Parameters		200		None		SDG: 5801095211		SDG: 5801095251		SDG: 5801095211		SDG: 5801095231		SDG: 5801095211		SDG: 5801095551	
Petroleum Hydrocarbons (as Diesel)						400		92.0 U		92.0 U		91.0 U		91.0 U		96.0 U		92.0 U	
Petroleum Hydrocarbons (as Gasoline)						300		31.0 U		100 U		31.0 U		31.0 U		31.0 U		31.0 U	
Petroleum Hydrocarbons (as Motor Oil)						500		180 U		180 U		180 U		180 U		190 U		180 U	
Total Petroleum Hydrocarbons		211						--		--		--		--		--		--	

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels													
HG (µg/L)		Incident Specific Parameters		0.025		0.025		SDG: 35692020_Rev3		SDG: 810126961		SDG: 35692064_Rev		SDG: 810126961		SDG: 35692020_Rev3		SDG: DA41139	
Mercury								0.0900 U		0.0560 U		0.0900 U		0.0560 U		0.0900 U		0.0250 U	

		DOH Environmental Action Levels Table D-1A Groundwater Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels													
METAL (µg/L)		Incident Specific Parameters		6		6		SDG: 35692020_Rev3		SDG: 810126961		SDG: 35692064_Rev		SDG: 810126961		SDG: 35692020_Rev3		SDG: DA41139	
Antimony								0.210 U		0.0570 U		0.210 U		0.0570 U		0.210 U		0.100 U	
Arsenic								0.500 U		0.890 U		0.500 U		0.890 U		0.500 U		0.500 U	
Barium								2.40		2.00		2.20		2.10		2.30		2.10	
Beryllium								0.0700 U		0.0830 U		0.0700 U		0.0830 U		0.0700 U		0.150 U	
Cadmium								0.120 U		0.140 U		0.120 U		0.140 U		0.120 U		0.0500 U	
Chromium								1.30 J		1.70		1.50 J		1.70		1.40 J		1.50 J	
Copper								220		57.0		96.4		77.9		120		65.5	
Lead								0.220 U		0.0880 U		0.220 U		0.130 J		0.220 U		0.390 J	
Mercury								--		--		--		--		--		--	
Selenium								5		5		5		5		50		0.300 U	
Thallium								2		2		2		2		0.500 U		0.0500 U	

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-MOAN0001									
Location Type:	School									
Residence:	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI									
Field Sample ID:	220115-F1-CT04									
Sample Date:	2022-01-15									
Sample Type:	N	N	FD	N	N	N	N	N	N	N (72 Hour Stagnation)

GENCHEM (mg/L)	Incident Specific Parameters	Action Levels	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
					School	School	School	School	School	School
Total Organic Carbon	2	None	None	None	0.200 U	1.74	1.61	1.97	1.73	0.200 U
					2.13					4.02

HC (µg/L)	Incident Specific Parameters	Action Levels	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
					School	School	School	School	School	School
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	190 U	190 U	190 UJ	190 U	190 U	94.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	40.0 UJ	40.0 UJ	40.0 UJ	40.0 UJ	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	190 U	190 U	190 UJ	190 U	190 U	180 U
Total Petroleum Hydrocarbons	211		--	--	--	--	--	--	--	--

HG (µg/L)	Incident Specific Parameters	Action Levels	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
					School	School	School	School	School	School
	0.025	0.025	2	2	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0170 UJ	0.0170 UJ
Mercury										

METAL (µg/L)	Incident Specific Parameters	Action Levels	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
					School	School	School	School	School	School
Antimony	6	6	6	6	0.100 UJ	0.100 UJ	0.100 UJ	0.100 UJ	0.0889 U	0.0889 U
Arsenic	10	10	10	10	0.500 U	0.500 U	0.500 U	0.500 U	0.163 J	0.116 J
Barium	220	220	2000	2000	2.10	2.20	2.00	2.10	2.21	2.10
Beryllium	0.66	0.66	4	4	0.150 U	0.150 U	0.150 U	0.150 U	5.70 J	0.0624 U
Cadmium	3	3	5	5	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.0416 U	0.0416 U
Chromium	11	11	100	100	1.90 J	1.80 J	1.90 J	2.00	1.90 J	1.35
Copper	2.9	2.9	1300	1300	220	200	21.0	19.0	160	235
Lead	15	5.6	15	15	0.280 J	0.350 J	1.70	0.180 J	0.500	1.08
Mercury	0.025	0.025	2	2	--	--	--	--	--	--
Selenium	5	5	50	50	0.430 U	0.330 U	0.430 U	0.300 U	0.711	0.330 J
Thallium	2	2	2	2	0.0500 U	0.0500 U	0.120 J	0.0500 U	0.0210 U	0.0210 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MORE3136	F1-MORE3305	F1-MORE3309	F1-MORE3309	F1-MORE3309	F1-PHAR4318	
Residence:	School	School	School	Residence	Residence	Residence	Residence	Residence	Residence	
	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	3136 Moreell Drive	3305 Moreell Street	3309 Moreell Street	3309 Moreell Street	3309 Moreell Street	4318 Pharris Place	
Field Sample ID:	220117-F1-CT06	220117-F1-DT04	220117-F1-DT05	220119-F1-AT09	220119-F1-DT07	220118-F1-FT07	220120-F1-FT01	220119-F1-CT01		
Sample Date:	2022-01-17	2022-01-17	2022-01-17	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N (72 Hour Stagnation) N N N N N (72 Hour Stagnation) N									

		DOH	Environmental Protection Agency Maximum Contaminant Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels								
GENCHEM (mg/L)	Incident Specific Parameters	Environmental Action Levels	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 2A18020	SDG: C22A035	SDG: C22A035	SDG: 810126961	SDG: C22A041	SDG: C22A039	SDG: C22A044	SDG: 810126961
		None	None	None	None	0.190 U	0.200 U	0.200 U	0.250 U	1.70	1.69	1.70	0.250 U
Total Organic Carbon	2	None	None	None	None	0.190 U	0.200 U	0.200 U	0.250 U	1.70	1.69	1.70	0.250 U

DOH Environmental Protection Agency Maximum Contaminant Levels												
DOH Environmental Action Levels Table D-1A		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels								
Incident Specific Parameters	Action Levels	None	None	SDG: DA41047	SDG: 5801094371	SDG: 5801094371	SDG: 5801095231	SDG: DA41129	SDG: DA41078	SDG: 5801095551	SDG: 5801095231	
HC (µg/L)	200	400	None	190 UJ	91.0 U	91.0 U	96.0 U	190 U	190 UJ	93.0 U	94.0 U	
Petroleum Hydrocarbons (as Diesel)	200	300	None	40.0 UJ	31.0 U	31.0 UJ	31.0 U	40.0 UJ	40.0 UJ	31.0 U	31.0 U	
Petroleum Hydrocarbons (as Gasoline)	200	500	None	190 UJ	180 J	180 U	190 U	190 UJ	190 U	190 U	190 U	
Petroleum Hydrocarbons (as Motor Oil)	200											
Total Petroleum Hydrocarbons	211			--	180	--	--	--	--	--	--	

		DOH		Environmental Protection Agency Maximum Contaminant Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels					
HG (µg/L)	Incident Specific Parameters	Environmental Action Levels Table D-1A	Groundwater Action Levels	0.025	2	SDG: DA41047	SDG: 810125401	SDG: 810125401	SDG: 810126961	SDG: DA41129	SDG: DA41078	SDG: 810127791	SDG: 810126961
	0.025	0.025	0.025	0.025	2	0.0250 U	0.0560 U	0.0560 U	0.0560 U	0.0250 U	0.0250 U	0.0560 U	0.0560 U
Mercury													

DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels							
Incident Specific Parameters	Environmental Action Levels	Table D-1A	Groundwater	Regulatory	Constituents	SDG: DA41047	SDG: 810125401	SDG: 810125401	SDG: 810126961	SDG: DA41129	SDG: DA41078	SDG: 810127791	SDG: 810126961
METAL (µg/L)													
Antimony	6	6			6	0.100 U	0.0570 U	0.0570 U	0.0570 U	0.100 U	0.100 U	0.0570 U	0.0570 U
Arsenic	10	10			10	0.500 U	0.890 U	0.890 U	0.890 U	0.500 U	0.500 U	0.890 U	0.890 U
Barium	220	220			2000	2.10	2.10	2.20	2.10	2.00	2.00	2.10	3.00
Beryllium	0.66	0.66			4	0.100 U	0.0830 U	0.0830 U	0.0830 U	0.150 U	0.150 U	0.0830 U	0.0830 U
Cadmium	3	3			5	0.100 U	0.140 U	0.140 U	0.140 U	0.0500 U	0.0500 U	0.140 U	0.140 U
Chromium	11	11			100	1.60 J	1.70	1.70	1.70	1.80 J	0.600 J	1.80	1.70
Copper	2.9	2.9			1300	46.0	27.0	170	70.0	34.0	120	120	520
Lead	15	5.6			15	0.100 U	0.280 J	0.440 J	0.330 J	0.320 J	0.130 U	0.100 J	3.70
Mercury	0.025	0.025			2	--	--	--	--	--	--	--	--
Selenium	5	5			50	0.300 U	1.60 U	1.60 U	1.60 U	0.300 U	0.300 U	1.60 U	1.60 U
Thallium	2	2			2	0.100 U	0.160 U	0.160 U	0.160 U	0.0500 U	0.0500 U	0.160 U	0.160 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-REEV4711	F1-REEV4720	F1-REEV4720	F1-REEV4733	F1-REEV4751	F1-REEV4751	F1-REEV4760	F1-REEV4760	F1-REEV4760	
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	4711 Reeves Loop	4720 Reeves Loop	4720 Reeves Loop	4733 Reeves Loop	4751 Reeves Loop	4751 Reeves Loop	4760 Reeves Loop	4760 Reeves Loop	4760 Reeves Loop	
Field Sample ID:	220119-F1-HT07	220120-F1-HT01	220120-F1-HT02	220120-F1-LT02	220118-F1-FT05	220120-F1-FT02	220119-F1-GT01	220119-F1-GT07		
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-18	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	FD	N	N	N (72 Hour Stagnation)	N	FD		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels			DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels	None	None	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
	2	None	None	None	35692020_Rev3	C22A044	C22A044	C22A044	DA41078	35692064_Rev	35692064_Rev
Total Organic Carbon					0.500 U	1.55	1.91	1.97	0.200 U	0.500 U	0.500 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels			DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
HC (µg/L)	Incident Specific Parameters	Groundwater Action Levels	400	None	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
	200				5801095211	5801095211	5801095211	5801095251	DA41078	5801095211	5801095211
Petroleum Hydrocarbons (as Diesel)					92.0 U	93.0 U	92.0 U	92.0 U	190 UJ	92.0 U	94.0 U
Petroleum Hydrocarbons (as Gasoline)					31.0 U	31.0 U	31.0 U	100 U	40.0 UJ	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)					180 U	190 U	180 U	180 U	190 U	180 U	190 U
Total Petroleum Hydrocarbons	211				--	--	--	--	--	--	--

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels			DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
HG (µg/L)	Incident Specific Parameters	Groundwater Action Levels	2	None	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
	0.025				35692020_Rev3	DA41129	DA41129	DA41129	DA41078	35692064_Rev	35692064_Rev
Mercury					0.0900 U	0.0250 U	0.0250 U	--	0.0250 U	0.0900 U	0.0900 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels			DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels		
METAL (µg/L)	Incident Specific Parameters	Groundwater Action Levels	6	None	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
	6				0.210 U	0.100 U	0.100 U	0.110 U	0.100 U	0.210 U	0.210 U
Antimony					0.500 U	0.500 U	0.500 U	0.210 U	0.890 U	0.500 U	0.500 U
Arsenic					2.10	2.10	2.00	2.00	2.10	2.10	2.10
Barium					0.0700 U	0.150 U	0.150 U	0.0910 U	0.150 U	0.0700 U	0.0700 U
Beryllium					0.120 U	0.0500 U	0.0500 U	0.0290 U	0.140 U	0.120 U	0.120 U
Cadmium					1.40 J	1.50 J	1.50 J	1.60	0.690 J	1.50 J	1.50 J
Chromium					31.5	55.0	54.0	93.0	92.0	29.3	29.0
Copper					0.220 U	0.220 J	0.130 U	0.0620 J	0.130 U	0.220 U	0.220 U
Lead					--	--	--	0.0200 U	--	--	--
Mercury					0.830 U	0.300 U	0.300 U	0.610 J	1.60 U	1.50	1.40
Selenium					0.500 U	0.0500 U	0.0500 U	0.0500 U	0.160 U	0.500 U	0.500 U
Thallium											

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-REEV4763 Residence 4763 Reeves Loop	F1-ROOD4103 Residence 4103 Rood Court	F1-ROOD4103 Residence 4103 Rood Court	F1-ROOD4117 Residence 4117 Rood Court	F1-ROOD4139 Residence 4139 Rood Court	F1-ROSS4432 Residence 4432 Ross Court	F1-SCOT4611 Residence 4611 Scott Loop	F1-SCOT4627 Residence 4627 Scott Loop		
Field Sample ID:	220119-F1-DT06	220120-F1-IT01	220120-F1-JT02	220119-F1-ET04	220119-F1-DT05	220119-F1-JT05	220119-F1-ET07	220119-F1-HT06		
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	N	N	FD	N	N	N	N	N		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels	None	None	SDG: C22A041	SDG: C22A044	SDG: C22A041	SDG: C22A044	SDG: C22A041	SDG: 35692064_Rev3
Total Organic Carbon	2	None	None	None	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.500 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HC (µg/L)	Incident Specific Parameters	Groundwater Action Levels	None	None	SDG: DA41129	SDG: 5801095251	SDG: DA41129	SDG: DA41129	SDG: 5801094761	SDG: DA41129
Petroleum Hydrocarbons (as Diesel)	200	400	None	None	190 U	92.0 U	190 U	190 U	93.0 U	92.0 U
Petroleum Hydrocarbons (as Gasoline)	200	300	None	None	40.0 UJ	100 U	40.0 UJ	40.0 UJ	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	500	None	None	190 UJ	190 U	190 UJ	190 U	190 U	180 U
Total Petroleum Hydrocarbons	211		--	--	--	--	--	--	--	--

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
HG (µg/L)	Incident Specific Parameters	Groundwater Action Levels	2	2	SDG: DA41129	SDG: DA41129	SDG: DA41129	SDG: DA41129	SDG: 35692064_Rev	SDG: DA41129
Mercury	0.025	0.025	2	2	0.0250 U	0.0250 U	0.0250 U	0.0250 U	0.0900 U	0.0900 U

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels						
METAL (µg/L)	Incident Specific Parameters	Groundwater Action Levels	6	6	SDG: DA41129	SDG: DA41129	SDG: DA41129	SDG: DA41129	SDG: 35692064_Rev	SDG: DA41129
Antimony	6	6	6	6	0.100 U	0.100 U	0.100 U	0.100 U	0.210 U	0.210 U
Arsenic	10	10	10	10	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Barium	220	220	2000	2000	1.90 J	1.90 J	2.00	1.90 J	2.30	2.00
Beryllium	0.66	0.66	4	4	0.150 U	0.150 U	0.150 U	0.150 U	0.0700 U	0.0700 U
Cadmium	3	3	5	5	0.0500 U	0.0500 U	0.0500 U	0.120 U	0.120 U	0.120 U
Chromium	11	11	100	100	1.70 J	1.50 J	1.70 J	1.70 J	1.50 J	1.50 J
Copper	2.9	2.9	1300	1300	57.0	22.0	23.0	35.0	36.3	75.6
Lead	15	5.6	15	15	0.130 U	0.130 U	0.130 U	0.380 J	0.220 U	0.220 U
Mercury	0.025	0.025	2	2	--	--	--	--	--	--
Selenium	5	5	50	50	0.300 U	0.300 U	0.300 U	0.300 U	1.40	0.830 U
Thallium	2	2	2	2	0.0500 U	0.0500 U	0.0500 U	0.0500 U	0.500 U	0.500 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-TAYL3400 Residence 3400 Taylor Street	F1-TAYL3410 Residence 3410 Taylor Street	F1-TAYL3410 Residence 3410 Taylor Street	F1-TAYL3440 Residence 3440 Taylor Street	F1-TAYL3440 Residence 3440 Taylor Street	F1-TAYL3440 Residence 3440 Taylor Street	F1-TAYL3454 Residence 3454 Taylor Street	F1-TAYL3454 Residence 3454 Taylor Street	F1-TAYL3465 Residence 3465 Taylor Street	
Field Sample ID:	220119-F1-CT02	220118-F1-JT01	220120-F1-JT01	220119-F1-ET01	220119-F1-ET02	220118-F1-FT06	220120-F1-FT03	220119-F1-BT04		
Sample Date:	2022-01-19	2022-01-18	2022-01-20	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N	N	N (72 Hour Stagnation)	N	FD	N	N (72 Hour Stagnation)	N		

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels							
GENCHEM (mg/L)	Incident Specific Parameters	Groundwater Action Levels			SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: C22A041	SDG: DA41047	SDG: C22A044	SDG: 810126961
Total Organic Carbon	2	None	None	None	0.250 U	0.200 U	0.200 U	1.55	0.200 U	1.79	0.250 U

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 5801095231	SDG: DA41078	SDG: 5801095251	SDG: DA41129	SDG: DA41129	SDG: DA41047	SDG: 5801095551	SDG: 5801095251
HC (µg/L)	200	None	None	92.0 U	190 UJ	93.0 U	190 UJ	190 UJ	190 UJ	92.0 U	93.0 U
Petroleum Hydrocarbons (as Diesel)	200	None	None	31.0 U	40.0 UJ	100 U	40.0 UJ	40.0 UJ	40.0 UJ	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	None	None	180 U	190 U	190 U	190 U	190 U	190 U	180 U	190 U
Total Petroleum Hydrocarbons	211			--	--	--	--	--	--	--	--

		DOH Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels							
HG (µg/L)	Incident Specific Parameters	Groundwater Action Levels	2	2	SDG: 810126961	SDG: DA41078	SDG: 810127791	SDG: DA41129	SDG: DA41047	SDG: 810127791	SDG: 810126961
Mercury	0.025	0.025	2	2	0.0560 U	0.0250 U	0.0560 U	0.0250 U	0.0250 U	0.0560 U	0.0560 U

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters		Groundwater Action Levels									
METAL (µg/L)											
Antimony	6	6	6	6	0.0570 U	0.100 U	0.0570 U	0.100 U	0.100 U	0.0570 U	0.0570 U
Arsenic	10	10	10	10	0.890 U	0.500 U	0.890 U	0.500 U	0.500 U	0.890 U	0.890 U
Barium	220	220	2000	2000	2.00	2.00	2.00	1.90 J	2.10	2.10	2.40
Beryllium	0.66	0.66	4	4	0.0830 U	0.150 U	0.0830 U	0.150 U	0.100 U	0.0830 U	0.0830 U
Cadmium	3	3	5	5	0.140 U	0.0500 U	0.140 U	0.0500 U	0.100 U	0.140 U	0.140 U
Chromium	11	11	100	100	1.70	0.580 J	1.90	1.90 J	1.30 J	1.80	1.80
Copper	2.9	2.9	1300	1300	45.0	30.0	45.0	16.0	21.0	70.0	120
Lead	15	5.6	15	15	0.220 J	0.140 J	0.260 J	0.130 U	0.300 J	0.110 J	0.230 J
Mercury	0.025	0.025	2	2	--	--	--	--	--	--	--
Selenium	5	5	50	50	1.60 U	0.300 U	1.60 U	0.300 U	0.300 U	1.60 U	1.60 U
Thallium	2	2	2	2	0.160 U	0.0500 U	0.160 U	0.0500 U	0.100 U	0.160 U	0.160 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-TAYL3465 Residence 3465 Taylor Street	F1-TAYL3476 Residence 3476 Taylor Street	F1-TAYL3481 Residence 3481 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-THOM4204 Residence 4204 Thomas Way	F1-THOM4222 Residence 4222 Thomas Way	F1-TOMI3189 Residence 3189 Tomich Court	
Field Sample ID:	220119-F1-BT05	220119-F1-HT04	220119-F1-FT05	220119-F1-LT02	220119-F1-LT03	220119-F1-BT09	220119-F1-JT07	220119-F1-GT04		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	FD	N	N	N	FD	N	N	N		

GENCHEM (mg/L)	Incident Specific Parameters	Action Levels	Groundwater Table D-1A	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Agency Maximum Contaminant Levels	Environmental Protection Agency	DOH	None	2
Total Organic Carbon					None	None	Environmental Protection Agency			

HC (µg/L)	Incident Specific Parameters	Action Levels	Groundwater Table D-1A	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Agency Maximum Contaminant Levels	Environmental Protection Agency	DOH	None	200
Petroleum Hydrocarbons (as Diesel)					None	None	Environmental Protection Agency			
Petroleum Hydrocarbons (as Gasoline)					None	None	Environmental Protection Agency			
Petroleum Hydrocarbons (as Motor Oil)					None	None	Environmental Protection Agency			
Total Petroleum Hydrocarbons										

HG (µg/L)	Incident Specific Parameters	Action Levels	Groundwater Table D-1A	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Agency Maximum Contaminant Levels	Environmental Protection Agency	DOH	None	0.025
Mercury					2	2	Environmental Protection Agency			

METAL (µg/L)	Incident Specific Parameters	Action Levels	Groundwater Table D-1A	Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Agency Maximum Contaminant Levels	Environmental Protection Agency	DOH	None	6
Antimony					6	6	Environmental Protection Agency			
Arsenic					10	10	Environmental Protection Agency			
Barium					2000	2000	Environmental Protection Agency			
Beryllium					4	4	Environmental Protection Agency			
Cadmium					5	5	Environmental Protection Agency			
Chromium					100	100	Environmental Protection Agency			
Copper					1300	1300	Environmental Protection Agency			
Lead					15	15	Environmental Protection Agency			
Mercury					2	2	Environmental Protection Agency			
Selenium					50	50	Environmental Protection Agency			
Thallium					2	2	Environmental Protection Agency			

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-WARD5109 F1-WARD5117 F1-WARD5125 F1-WARD5145 F1-WARD5150 F1-WARD5155
Location Type: Residence Residence Residence Residence Residence Residence
Residence: 5109 Warden Court 5117 Warden Court 5125 Warden Court 5145 Warden Court 5150 Warden Court 5155 Warden Court

Field Sample ID: 220119-F1-IT06 220119-F1-GT02 220120-F1-GT03 220119-F1-LT06 220119-F1-AT03 220120-F1-BT03
Sample Date: 2022-01-19 2022-01-19 2022-01-20 2022-01-19 2022-01-19 2022-01-20
Sample Type: N N N N N N

DOH		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels	
Incident Specific Parameters	Action Levels	None	None	None	None
GENCHEM (mg/L)	2	0.500 U	0.500 U	0.190 U	0.250 U
Total Organic Carbon					2.28

DOH		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels	
Incident Specific Parameters	Action Levels	None	None	None	None
HC (µg/L)	200	92.0 U	96.0 U	92.0 U	93.0 U
Petroleum Hydrocarbons (as Diesel)					
Petroleum Hydrocarbons (as Gasoline)	200	31.0 U	31.0 U	31.0 U	31.0 U
Petroleum Hydrocarbons (as Motor Oil)	200	180 U	190 U	180 U	190 U
Total Petroleum Hydrocarbons	211	--	--	--	--

DOH		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels	
Incident Specific Parameters	Action Levels	2	2	SDG: 35692064_Rev	SDG: 35692064_Rev
HG (µg/L)	0.025	0.025	0.0900 U	SDG: 35692064_Rev	SDG: 35692064_Rev
Mercury				SDG: 35692064_Rev	SDG: 35692064_Rev

Incident Specific Parameters		DOH Environmental Action Levels		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels		SDG: 35692064_Rev		SDG: 35692064_Rev		SDG: 2A20048_Rev		SDG: 81027891_Rev		SDG: DA41139	
METAL (µg/L)		Action Levels		Constituents		Levels		SDG: 35692064_Rev		SDG: 35692064_Rev		SDG: 2A20048_Rev		SDG: 81027891_Rev		SDG: DA41139	
6	6	6	6	6	6	6	6	0.210 U	0.210 U	0.100 U	0.0889 U	0.0570 U	0.100 U				
Antimony																	
10	10	10	10	10	10	10	10	0.500 U	0.500 U	0.500 U	0.197 J	0.890 U	0.500 U				
Arsenic																	
220	220	220	220	2000	2000	2000	2000	2.00	2.00	2.10	2.01	2.00	2.00				
Barium																	
0.66	0.66	0.66	4	4	4	4	4	0.0700 U	0.0700 U	0.150 U	0.0624 U	0.0830 U	0.150 U				
Beryllium																	
3	3	3	5	5	5	5	5	0.120 U	0.120 U	0.0500 U	0.0416 U	0.140 U	0.0500 U				
Cadmium																	
11	11	11	100	100	100	100	100	1.30 J	1.30 J	1.50 J	1.44	1.90	1.60 J				
Chromium																	
2.9	2.9	2.9	1300	1300	1300	1300	1300	92.7	150	87.0	33.6	66.0	16.0				
Copper																	
15	15	5.6	15	15	15	15	15	0.220 U	0.220 U	0.250 J	0.0827 U	0.280 J	0.160 J				
Lead																	
0.025	0.025	0.025	2	2	2	2	2	--	--	--	--	--	--				
Mercury																	
5	5	5	50	50	50	50	50	1.10	1.50	0.300 U	0.893	1.60 U	0.300 U				
Selenium																	
2	2	2	2	2	2	2	2	0.500 U	0.500 U	0.0500 U	0.0210 U	0.160 U	0.0500 U				
Thallium																	

Residential Sampling Report for Flushing Zone

F1 Zone Residential DW Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-ASHE4009	F1-ASHE4019	F1-ASHE4019	F1-BENN5508	F1-BENN5512	F1-BENN5523	F1-BENN5556	F1-BENN5559		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
	4009 Asher Court	4019 Asher Court	4019 Asher Court	5508 Bennion Drive	5512 Bennion Drive	5523 Bennion Drive	5556 Bennion Drive	5559 Bennion Drive		
Field Sample ID:	220119-F1-LT04	220118-F1-JT02	220120-F1-JT02	220119-F1-GT03	220120-F1-KT02	220119-F1-CT03	220119-F1-BT08	220119-F1-GT06		
Sample Date:	2022-01-19	2022-01-18	2022-01-20	2022-01-19	2022-01-20	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	N	N	N (72 Hour Stagnation)	N	N	N	N	N		

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
Incident Specific Parameters		Environmental Action Levels	Groundwater Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	SDWB	Agency	Maximum Contaminant Levels	Regulatory Constituents	SDWB
SVOC (µg/L)		10		None	None						
1-Methylnaphthalene	2.1	10		None	None						
2-Ethylhexyl adipate	None	None		None	None						
2-Methylnaphthalene	4.7	10		None	None						
Alachlor	None	None		None	None						
Atrazine	None	None		None	None						
Benzo(a)pyrene	0.06	0.06		0.2	0.2						
Bis(2-ethylhexyl)phthalate	3	3		6	6						
Endrin	None	None		None	None						
gamma-BHC (Lindane)	None	None		None	None						
Heptachlor	None	None		None	None						
Heptachlor epoxide	None	None		None	None						
Hexachlorobenzene	0.0003	0.0003		1	1						
Hexachlorocyclopentadiene	50	None		50	50						
Methoxychlor	None	None		None	None						
Naphthalene	12	17		None	None						
Pentachlorophenol	None	None		None	None						
Simazine	None	None		None	None						

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
Incident Specific Parameters		Environmental Action Levels	Groundwater Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	SDWB	Agency	Maximum Contaminant Levels	Regulatory Constituents	SDWB
VOC (µg/L)		11		200	200						
1,1,1-Trichloroethane	11	11		200	200						
1,1,2-Trichloroethane	5	5		3	5						
1,1-Dichloroethene	7	7		7	7						
1,2,4-Trichlorobenzene	70	70		70	70						
1,2-Dichlorobenzene	10	10		600	600						
1,2-Dichloroethane	5	5		5	5						
1,2-Dichloropropane	5	5		5	5						
1,4-Dichlorobenzene	5	5		75	None						
Benzene	5	5		5	5						
Carbon Tetrachloride	5	5		5	5						
Chlorobenzene	25	25		100	100						
cis-1,2-Dichloroethene	70	70		70	70						

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-BENN5568	F1-BENN5568	F1-BENN5570	F1-BENN5577	F1-BENN5584	F1-BENN5590	F1-BENN5590	F1-BENN5591		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	5568 Bennion Drive	5568 Bennion Drive	5570 Bennion Drive	5577 Bennion Drive	5584 Bennion Drive	5590 Bennion Drive	5590 Bennion Drive	5591 Bennion Drive		
Field Sample ID:	220118-F1-JT04	220120-F1-JT04	220119-F1-CT05	220120-F1-LT01	220119-F1-FT01	220118-F1-FT08	220120-F1-FT04	220119-F1-AT01		
Sample Date:	2022-01-18	2022-01-20	2022-01-19	2022-01-20	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N	N (72 Hour Stagnation)	N	N	N	N	N (72 Hour Stagnation)	N		

		DOH		Environmental		Environmental		DOH Safe		Drinking Water		Agency		Protection	
		Action Levels		Table D-1A		Regulatory		Branch (SDWB)		Contaminant		Maximum		Levels	
Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels
SVOC (µg/L)															
1-Methylnaphthalene	2.1	10	None	None	0.240 U	0.0200 U	0.0190 U	0.00801 U	0.240 U	SDG: DA41078	SDG: 810127791	SDG: 2A21028	SDG: DA41078	SDG: DA41078	SDG: 81027891_Rev
2-Ethylhexyl adipate	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	4.7	10	None	None	0.240 U	0.0200 U	0.0190 U	0.00904 U	0.240 U	0.240 U	0.0190 U	0.240 U	0.0200 U	0.0200 U	0.0200 U
Alachlor	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Atrazine	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00950 U	0.00980 U	0.00970 U	0.0117 UJ	0.00960 U	0.00950 U	0.00970 U	0.00980 U	0.00980 U	0.00980 U	0.00980 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.380 U	0.590 U	0.580 U	0.437 UJ	0.380 U	0.380 U	0.580 U	0.590 U	0.590 U	0.590 U	0.590 U
Endrin	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	0.0200 U	--	--	0.0980 U	0.0200 U	0.0200 U	--	--	--	--	--
Hexachlorocyclopentadiene	50	None	50	50	0.0400 U	--	--	0.00594 U	0.0400 U	0.0400 U	--	--	--	--	--
Methoxychlor	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12	17	None	None	0.240 U	0.0200 U	0.0190 U	0.0103 U	0.240 U	0.240 U	0.0190 U	0.240 U	0.0200 U	0.0200 U	0.0200 U
Pentachlorophenol	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--
Simazine	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--

		DOH		Environmental		DOH Safe		Drinking Water		Agency		Protection		Maximum	
		Action Levels		Table D-1A		Regulatory		Branch (SDWB)		Contaminant		Levels		Levels	
Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels	Incident Specific Parameters	Groundwater Action Levels
VOC (µg/L)															
1,1,1-Trichloroethane	11	11	200	200	0.500 U	0.119 U	0.200 U	0.119 U	0.119 U	0.119 U	0.119 U	0.200 U	0.119 U	0.200 U	0.200 U
1,1,2-Trichloroethane	5	5	3	3	0.500 U	0.288 U	0.200 U	0.288 U	0.288 U	0.288 U	0.288 U	0.200 U	0.288 U	0.200 U	0.200 U
1,1-Dichloroethene	7	7	7	7	0.500 U	0.128 U	0.200 U	0.128 U	0.128 U	0.128 U	0.128 U	0.200 U	0.128 U	0.200 U	0.200 U
1,2,4-Trichlorobenzene	70	70	70	70	0.500 U	0.318 U	0.200 U	0.318 U	0.318 U	0.318 U	0.318 U	0.200 U	0.318 U	0.200 U	0.200 U
1,2-Dichlorobenzene	10	10	600	600	0.500 U	0.272 U	0.200 U	0.272 U	0.272 U	0.272 U	0.272 U	0.200 U	0.272 U	0.200 U	0.200 U
1,2-Dichloroethane	5	5	5	5	0.500 U	0.0884 U	0.200 U	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.200 U	0.0884 U	0.200 U	0.200 U
1,2-Dichloropropane	5	5	5	5	0.500 U	0.129 U	0.200 U	0.129 U	0.129 U	0.129 U	0.129 U	0.200 U	0.129 U	0.200 U	0.200 U
1,4-Dichlorobenzene	5	5	75	75	0.500 U	0.245 U	0.200 U	0.245 U	0.245 U	0.245 U	0.245 U	0.200 U	0.245 U	0.200 U	0.200 U
Benzene	5	5	5	5	0.500 U	0.0846 U	0.200 U	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.200 U	0.0846 U	0.200 U	0.200 U
Carbon Tetrachloride	5	5	5	5	0.500 U	0.165 U	0.100 U	0.165 U	0.165 U	0.165 U	0.165 U	0.100 U	0.165 U	0.100 U	0.100 U
Chlorobenzene	25	25	100	100	0.500 U	0.146 U	0.200 U	0.146 U	0.146 U	0.146 U	0.146 U	0.200 U	0.146 U	0.200 U	0.200 U
cis-1,2-Dichloroethene	70	70	70	70	0.500 U	0.0570 U	0.200 U	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.200 U	0.0570 U	0.200 U	0.200 U

Residential Sampling Report for Flushing Zone

F1 Zone Residential DW Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-BENN5591	F1-BENN5609	F1-BENN5629	F1-BLDG0075	F1-BLDG0617	F1-BLDG0A13	F1-BLDG0A13	F1-BLDG2643		
Residence:	Residence	Residence	Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence		
	5591 Bennion Drive	5609 Bennion Court	5629 Bennion Court	Building 75,ADMIN OFFICE (SAFETY), 891 Bougainville Dr	Building 617,PEARL HARBOR COMMISSARY	Building A13,ADMIN OFFICE	Building A13,ADMIN OFFICE	Building 2643,TACO BELL MOANALUA SHOP CTR, 934 Valkenburgh St		
Field Sample ID:	220119-F1-AT02	220119-F1-LT07	220119-F1-DT01	220120-F1-AT06	220120-F1-AT05	220120-F1-BT01	220120-F1-BT02	220120-F1-ET05		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-20	2022-01-20		
Sample Type:	FD	N	N	N	N	N	FD	N		

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Action Levels	Groundwater	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A
SVOC (µg/L)	2.1	10	None	None	None	None	None	None	None	None	None
1-Methylnaphthalene											
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	None	None
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	None	None
Alachlor	None	None	None	None	None	None	None	None	None	None	None
Atrazine	None	None	None	None	None	None	None	None	None	None	None
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.2	0.2	0.2	0.00970 U	0.0117 UJ	0.00950 U	0.0117 UJ
Bis(2-ethylhexyl)phthalate	3	3	6	6	6	6	6	0.580 U	0.437 U	0.380 U	0.570 U
Endrin	None	None	None	None	None	None	None	None	None	None	None
gamma-BHC (Lindane)	None	None	None	None	None	None	None	None	None	None	None
Heptachlor	None	None	None	None	None	None	None	None	None	None	None
Heptachlor epoxide	None	None	None	None	None	None	None	None	None	None	None
Hexachlorobenzene	0.0003	0.0003	1	1	1	1	1	0.0980 U	0.0200 U	--	0.0980 U
Hexachlorocyclopentadiene	50	None	50	50	50	50	50	0.00594 U	0.0400 U	--	0.00594 U
Methoxychlor	None	None	None	None	None	None	None	--	--	--	--
Naphthalene	12	17	None	None	None	None	None	0.0190 U	0.0103 U	0.240 U	0.0190 U
Pentachlorophenol	None	None	None	None	None	None	None	--	--	--	--
Simazine	None	None	None	None	None	None	None	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Action Levels	Groundwater	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A	Table D-1A
VOC (µg/L)	11	11	200	200	200	200	200	81027891_Rev	2A20048_Rev	SDG: 810127791	SDG: C22A044
1,1,1-Trichloroethane											
1,1,2-Trichloroethane	5	5	3	3	3	3	3	0.190 U	0.256 U	0.119 U	0.119 U
1,1-Dichloroethene	7	7	7	7	7	7	7	0.128 U	0.160 U	0.288 U	0.288 U
1,2,4-Trichlorobenzene	70	70	70	70	70	70	70	0.318 U	0.170 U	0.128 U	0.128 U
1,2-Dichlorobenzene	10	10	600	600	600	600	600	0.272 U	0.190 U	0.318 U	0.318 U
1,2-Dichloroethane	5	5	5	5	5	5	5	0.0884 U	0.243 U	0.272 U	0.272 U
1,2-Dichloropropane	5	5	5	5	5	5	5	0.129 U	0.130 U	0.0884 U	0.0884 U
1,4-Dichlorobenzene	5	5	75	75	75	75	75	0.245 U	0.180 U	0.129 U	0.129 U
Benzene	5	5	5	5	5	5	5	0.0846 U	0.150 U	0.245 U	0.245 U
Carbon Tetrachloride	5	5	5	5	5	5	5	0.165 U	0.270 U	0.0846 U	0.0846 U
Chlorobenzene	25	25	100	100	100	100	100	0.146 U	0.150 U	0.165 U	0.165 U
cis-1,2-Dichloroethene	70	70	70	70	70	70	70	0.0570 U	0.250 U	0.146 U	0.146 U

Residential Sampling Report for Flushing Zone

F1 Zone Residential DW Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-BLDG2654	F1-BLDG4827	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-CAKO4517
Location Type:	Non-Residence	Non-Residence	School	School	School	School	School	Residence
Residence:	Building 2654,PANDA EXPRESS, 4847 Warden Ave	Building 4827,JOINT BASE PHH MILITARY & FAMILY SERVICES, 4827 Bougainville Dr	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	4517 Cakon Place
Field Sample ID:	220120-F1-ET04	220120-F1-AT04	220118-F1-BT01	220118-F1-CT03	220118-F1-CT04	220118-F1-DT03	220118-F1-DT04	220119-F1-LT05
Sample Date:	2022-01-20	2022-01-20	2022-01-18	2022-01-18	2022-01-18	2022-01-18	2022-01-18	2022-01-19
Sample Type:	N	N	N	N	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency		SDG:		SDG:		SDG:		SDG:		SDG:		SDG:	
Incident Specific Parameters		Action Levels		Table D-1A		Regulatory Constituents		Maximum Contaminant Levels		SDG:		SDG:		SDG:		SDG:		SDG:		SDG:	
SVOC (µg/L)	2.1	10	None	None	None	None	None	None	None	2A21028	810127791	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	2A20048	Rev
1-Methylnaphthalene										0.00801 U	0.0190 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.00801 U	
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	0.00904 U	0.0190 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.00904 U	
Alachlor	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Atrazine	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0117 UJ	0.00970 U	0.00960 U	0.00970 U	0.00950 U	0.00950 U	0.00970 U	0.00970 U	0.00970 U	0.00970 U	0.0117 UJ	
Bis(2-ethylhexyl)phthalate	3	3	6	6	6	6	6	6	6	0.437 UJ	0.580 U	0.380 U	0.390 U	0.380 U	0.380 U	0.390 U	0.390 U	0.390 U	0.390 U	0.437 U	
Endrin	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	1	1	1	1	1	0.0980 U	--	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0980 U	
Hexachlorocyclopentadiene	50	None	50	50	50	50	50	50	50	0.00594 U	--	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.0400 U	0.00594 U	
Methoxychlor	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12	17	None	None	None	None	None	None	None	0.0103 U	0.0190 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.240 U	0.0103 U	
Pentachlorophenol	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--
Simazine	None	None	None	None	None	None	None	None	None	--	--	--	--	--	--	--	--	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency		SDG:		SDG:		SDG:		SDG:		SDG:		SDG:	
Incident Specific Parameters		Action Levels		Table D-1A		Regulatory Constituents		Maximum Contaminant Levels		SDG:		SDG:		SDG:		SDG:		SDG:		SDG:	
VOC (µg/L)	11	11	200	200	200	200	200	200	200	C22A044	C22A044	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	DA41078	2A20048	Rev
1,1,1-Trichloroethane										0.119 U	0.119 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.256 U	
1,1,2-Trichloroethane	5	5	3	3	3	3	3	3	3	0.288 U	0.288 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.190 U	
1,1-Dichloroethene	7	7	7	7	7	7	7	7	7	0.128 U	0.128 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.160 U	
1,2,4-Trichlorobenzene	70	70	70	70	70	70	70	70	70	0.318 U	0.318 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.170 U	
1,2-Dichlorobenzene	10	10	600	600	600	600	600	600	600	0.272 U	0.272 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.190 U	
1,2-Dichloroethane	5	5	5	5	5	5	5	5	5	0.0884 U	0.0884 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.243 U	
1,2-Dichloropropane	5	5	5	5	5	5	5	5	5	0.129 U	0.129 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.130 U	
1,4-Dichlorobenzene	5	5	75	75	75	75	75	75	75	0.245 U	0.245 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.180 U	
Benzene	5	5	5	5	5	5	5	5	5	0.0846 U	0.0846 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.150 U	
Carbon Tetrachloride	5	5	5	5	5	5	5	5	5	0.165 U	0.165 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.270 U	
Chlorobenzene	25	25	100	100	100	100	100	100	100	0.146 U	0.146 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.150 U	
cis-1,2-Dichloroethene	70	70	70	70	70	70	70	70	70	0.0570 U	0.0570 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.250 U	

Residential Sampling Report for Flushing Zone

F1 Zone Residential DW Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-CLAR4412	F1-CLAR4427	F1-FLAH4326	F1-FLAH4328	F1-FLAH4335	F1-FLAH4337	F1-FUQU5209	F1-FUQU5313
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	4412 Clarey Boulevard	4427 Clarey Boulevard	4326 Flaherty Circle	4328 Flaherty Circle	4335 Flaherty Circle	4337 Flaherty Circle	5209 Fuqua Lane	5313 Fuqua Street
Field Sample ID:	220119-F1-ET06	220119-F1-ET03	220120-F1-HT03	220118-F1-JT03	220119-F1-DT04	220120-F1-KT01	220119-F1-ET05	220119-F1-BT10
Sample Date:	2022-01-19	2022-01-19	2022-01-20	2022-01-18	2022-01-19	2022-01-20	2022-01-19	2022-01-19
Sample Type:	N	N	N	N	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency	
Incident Specific Parameters		DOH Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents
SVOC (µg/L)		10	None	None	None	None	None	None	None
1-Methylnaphthalene	2.1	None	None	None	None	None	None	None	None
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None
Alachlor	None	None	None	None	None	None	None	None	None
Atrazine	None	None	None	None	None	None	None	None	None
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00960 U	0.00950 U	0.00970 U	0.00960 U	0.00970 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.380 U	0.380 U	0.580 U	1.60 U	0.380 U
Endrin	None	None	None	None	None	None	None	None	None
gamma-BHC (Lindane)	None	None	None	None	None	None	None	None	None
Heptachlor	None	None	None	None	None	None	None	None	None
Heptachlor epoxide	None	None	None	None	None	None	None	None	None
Hexachlorobenzene	0.0003	0.0003	1	1	0.0200 U	0.0200 U	--	0.0200 U	--
Hexachlorocyclopentadiene	50	None	50	50	0.0400 U	0.0400 U	--	0.0400 U	--
Methoxychlor	None	None	None	None	None	None	None	None	None
Naphthalene	12	17	None	None	0.240 U	0.240 U	0.0190 U	0.240 U	0.0190 U
Pentachlorophenol	None	None	None	None	None	None	None	None	None
Simazine	None	None	None	None	None	None	None	None	None

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency	
Incident Specific Parameters		DOH Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents
VOC (µg/L)		11	200	200	200	200	200	200	200
1,1,1-Trichloroethane	11	11	200	200	0.119 U	0.119 U	0.119 U	0.119 U	0.200 U
1,1,2-Trichloroethane	5	5	3	5	0.288 U	0.288 U	0.288 U	0.288 U	0.200 U
1,1-Dichloroethene	7	7	7	7	0.128 U	0.128 U	0.128 U	0.128 U	0.200 U
1,2,4-Trichlorobenzene	70	70	70	70	0.318 U	0.318 U	0.318 U	0.318 U	0.200 U
1,2-Dichlorobenzene	10	10	600	600	0.272 U	0.272 U	0.272 U	0.272 U	0.200 U
1,2-Dichloroethane	5	5	5	5	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.200 U
1,2-Dichloropropane	5	5	5	5	0.129 U	0.129 U	0.129 U	0.129 U	0.200 U
1,4-Dichlorobenzene	5	5	75	None	0.245 U	0.245 U	0.245 U	0.245 U	0.200 U
Benzene	5	5	5	5	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.200 U
Carbon Tetrachloride	5	5	5	5	0.165 U	0.165 U	0.165 U	0.165 U	0.100 U
Chlorobenzene	25	25	100	100	0.146 U	0.146 U	0.146 U	0.146 U	0.200 U
cis-1,2-Dichloroethene	70	70	70	70	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.200 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-JONE4806	F1-JONE4806	F1-JONE4807	F1-JONE4818	F1-KIDD4907	F1-KIDD4913	F1-KIDD4919	F1-KIDD4926
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	4806 Jones Court	4806 Jones Court	4807 Jones Court	4818 Jones Court	4907 Kidd Court	4913 Kidd Court	4919 Kidd Court	4926 Kidd Court
Field Sample ID:	220119-F1-DT02	220119-F1-DT03	220120-F1-BT04	220119-F1-HT01	220119-F1-FT03	220120-F1-IT03	220119-F1-AT08	220119-F1-AT04
Sample Date:	2022-01-19	2022-01-19	2022-01-20	2022-01-19	2022-01-19	2022-01-20	2022-01-19	2022-01-19
Sample Type:	N	FD	N	N	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	SVOC (µg/L)	Action Levels	Table D-1A	Groundwater Action Levels	Regulatory Constituents	Table D-1A	Groundwater Action Levels	Regulatory Constituents	Table D-1A	Groundwater Action Levels	Regulatory Constituents
1-Methylnaphthalene	2.1	10	None	None	None	None	None	None	None	0.240 U	0.0190 U
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	--	--
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	0.240 U	0.0190 U
Alachlor	None	None	None	None	None	None	None	None	None	--	--
Atrazine	None	None	None	None	None	None	None	None	None	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.2	0.00950 U	0.00950 U	0.00960 U	0.0190 U	0.00960 U	0.0100 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	6	0.380 U	0.380 U	0.570 U	0.460 UJ	0.380 U	0.610 U
Endrin	None	None	None	None	None	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	None	--	--	--	--	--	--
Heptachlor	None	None	None	None	None	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	None	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	1	0.0200 U	0.0200 U	0.0200 U	0.0140 U	0.0200 U	--
Hexachlorocyclopentadiene	50	None	50	50	50	0.0400 U	0.0400 U	0.0400 U	0.0240 U	0.0400 U	--
Methoxychlor	None	None	None	None	None	--	--	--	--	--	--
Naphthalene	12	17	None	None	None	0.240 U	0.240 U	0.0190 U	0.170 U	0.240 U	0.0200 U
Pentachlorophenol	None	None	None	None	None	--	--	--	--	--	--
Simazine	None	None	None	None	None	--	--	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	VOC (µg/L)	Action Levels	Table D-1A	Groundwater Action Levels	Regulatory Constituents	Table D-1A	Groundwater Action Levels	Regulatory Constituents	Table D-1A	Groundwater Action Levels	Regulatory Constituents
1,1,1-Trichloroethane	11	11	200	200	200	0.119 U	0.119 U	0.119 U	0.270 U	0.119 U	0.200 U
1,1,2-Trichloroethane	5	5	3	5	5	0.288 U	0.288 U	0.288 U	0.280 U	0.288 U	0.200 U
1,1-Dichloroethene	7	7	7	7	7	0.128 U	0.128 U	0.128 U	0.290 U	0.128 U	0.200 U
1,2,4-Trichlorobenzene	70	70	70	70	70	0.318 U	0.318 U	0.318 U	0.350 U	0.318 U	0.200 U
1,2-Dichlorobenzene	10	10	600	600	600	0.272 U	0.272 U	0.272 U	0.260 U	0.272 U	0.200 U
1,2-Dichloroethane	5	5	5	5	5	0.0884 U	0.0884 U	0.0884 U	0.300 U	0.0884 U	0.200 U
1,2-Dichloropropane	5	5	5	5	5	0.129 U	0.129 U	0.129 U	0.440 U	0.129 U	0.200 U
1,4-Dichlorobenzene	5	5	75	None	None	0.245 U	0.245 U	0.245 U	0.300 U	0.245 U	0.200 U
Benzene	5	5	5	5	5	0.0846 U	0.0846 U	0.0846 U	0.400 U	0.0846 U	0.200 U
Carbon Tetrachloride	5	5	5	5	5	0.165 U	0.165 U	0.165 U	0.280 U	0.165 U	0.100 U
Chlorobenzene	25	25	100	100	100	0.146 U	0.146 U	0.146 U	0.260 U	0.146 U	0.200 U
cis-1,2-Dichloroethene	70	70	70	70	70	0.0570 U	0.0570 U	0.0570 U	0.330 U	0.0570 U	0.200 U

Residential Sampling Report for Flushing Zone F1 Zone Residential DW Sampling Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:

Location Type:

Residence:

Field Sample ID:

Sample Date:

Sample Type:

		DOH Environmental Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: DA41078	SDG: 810126961	SDG: DA41078	SDG: 810127791	SDG: 810127791	SDG: 810127791	SDG: DA41078	SDG: 2A20048 Rev
Incident Specific Parameters	SVOC (µg/L)	Action Levels	Regulatory Constituents	Levels								
2.1	None	10	None	None	0.240 U	0.0190 U	0.240 U	0.0200 U	0.0200 U	0.0200 U	0.240 U	0.00801 U
None	2-Ethylhexyl adipate	None	None	None	--	--	--	--	--	--	--	--
4.7	None	10	None	None	0.240 U	0.0190 U	0.240 U	0.0200 U	0.0200 U	0.0200 U	0.240 U	0.00904 U
None	Alachlor	None	None	None	--	--	--	--	--	--	--	--
None	Atrazine	None	None	None	--	--	--	--	--	--	--	--
0.06	Benzo(a)pyrene	0.06	0.2	0.2	0.00960 U	0.00970 U	0.00950 U	0.0100 U	0.00980 U	0.00990 U	0.00960 U	0.0117 UJ
3	Bis(2-ethylhexyl)phthalate	3	6	6	0.380 U	0.580 U	0.380 U	0.600 U	0.590 U	0.590 U	0.380 U	0.437 U
None	Endrin	None	None	None	--	--	--	--	--	--	--	--
None	gamma-BHC (Lindane)	None	None	None	--	--	--	--	--	--	--	--
None	Heptachlor	None	None	None	--	--	--	--	--	--	--	--
None	Heptachlor epoxide	None	None	None	--	--	--	--	--	--	--	--
0.0003	Hexachlorobenzene	0.0003	1	1	0.0200 U	--	0.0200 U	--	--	--	0.0200 U	0.0980 U
50	Hexachlorocyclopentadiene	None	50	50	0.0400 U	--	0.0400 U	--	--	--	0.0400 U	0.00594 U
None	Methoxychlor	None	None	None	--	--	--	--	--	--	--	--
12	Naphthalene	17	None	None	0.240 U	0.0190 U	0.240 U	0.0200 U	0.0200 U	0.0200 U	0.240 U	0.0103 U
None	Pentachlorophenol	None	None	None	--	--	--	--	--	--	--	--
None	Simazine	None	None	None	--	--	--	--	--	--	--	--

Section 2b.2 Residential Sampling Report for Flushing Zone

VOC (µg/L)	DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency		SDG		SDG		SDG		SDG		SDG	
	Incident Specific Parameters	Environmental Action Levels	Table D-1A	Groundwater Action Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG: C22A041	SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A041	SDG: 2A20048_Rev			
1,1,1-Trichloroethane	11	11	5	200	200 U	200	0.119 U	0.200 U	0.500 U	0.119 U	0.119 U	0.119 U	0.119 U	0.119 U	0.256 U			
1,1,1,2-Trichloroethane	5	5	3	5	0.200 U	5	0.288 U	0.200 U	0.500 U	0.288 U	0.288 U	0.288 U	0.288 U	0.288 U	0.190 U			
1,1-Dichloroethene	7	7	7	7	0.200 U	7	0.128 U	0.200 U	0.500 U	0.128 U	0.128 U	0.128 U	0.128 U	0.128 U	0.160 U			
1,2,4-Trichlorobenzene	70	70	70	70	0.200 U	70	0.318 U	0.200 U	0.500 U	0.318 U	0.318 U	0.318 U	0.318 U	0.318 U	0.170 U			
1,2-Dichlorobenzene	10	10	600	600	0.200 U	600	0.272 U	0.200 U	0.500 U	0.272 U	0.272 U	0.272 U	0.272 U	0.272 U	0.190 U			
1,2-Dichloroethane	5	5	5	5	0.200 U	5	0.0884 U	0.200 U	0.500 U	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.243 U			
1,2-Dichloropropane	5	5	5	5	0.200 U	5	0.129 U	0.200 U	0.500 U	0.129 U	0.129 U	0.129 U	0.129 U	0.129 U	0.130 U			
1,4-Dichlorobenzene	5	5	75	75	0.200 U	None	0.245 U	0.200 U	0.500 U	0.245 U	0.245 U	0.245 U	0.245 U	0.245 U	0.180 U			
Benzene	5	5	5	5	0.200 U	5	0.0846 U	0.200 U	0.500 U	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.150 U			
Carbon Tetrachloride	5	5	5	5	0.100 U	5	0.165 U	0.100 U	0.500 U	0.165 U	0.165 U	0.165 U	0.165 U	0.165 U	0.270 U			
Chlorobenzene	25	25	100	100	0.200 U	100	0.146 U	0.200 U	0.500 U	0.146 U	0.146 U	0.146 U	0.146 U	0.146 U	0.150 U			
cis-1,2-Dichloroethene	70	70	70	70	0.200 U	70	0.0570 U	0.200 U	0.500 U	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.250 U			

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-MCMO5412	F1-MCMO5423	F1-MCMO5434	F1-MCMO5434	F1-MCMO5460	F1-MCMO5464	F1-MCMO5477	F1-MCMO5486		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	5412 McMorris Drive	5423 McMorris Drive	5434 McMorris Drive	5434 McMorris Drive	5460 McMorris Drive	5464 McMorris Drive	5477 McMorris Drive	5486 McMorris Drive		
Field Sample ID:	220119-F1-HT05	220119-F1-BT06	220119-F1-HT02	220119-F1-HT03	220119-F1-CT04	220119-F1-FT06	220119-F1-GT05	220120-F1-GT04		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-20		
Sample Type:	N	N	N	FD	N	N	N	N		

		DOH		Environmental		Environmental		DOH Safe		Environmental		Protection	
		Action Levels		Table D-1A		Groundwater		Drinking Water		Agency		Maximum	
		Incident Specific		Parameters		Regulatory		Branch (SDWB)		Contaminant		Levels	
		SVOC (µg/L)		Action Levels		Constituents		Maximum		Levels		SDG:	
1-Methylnaphthalene	2.1	10	None	None	None	None	None	None	None	None	None	0.180 U	0.0190 U
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	None	None	--	--
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	None	None	0.190 U	0.0190 U
Alachlor	None	None	None	None	None	None	None	None	None	None	None	--	--
Atrazine	None	None	None	None	None	None	None	None	None	None	None	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0200 U	0.00970 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	6	6	6	6	6	6	6	0.470 U	0.580 U
Endrin	None	None	None	None	None	None	None	None	None	None	None	--	--
gamma-BHC (Lindane)	None	None	None	None	None	None	None	None	None	None	None	--	--
Heptachlor	None	None	None	None	None	None	None	None	None	None	None	--	--
Heptachlor epoxide	None	None	None	None	None	None	None	None	None	None	None	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	1	1	1	1	1	1	1	0.0150 U	0.0200 U
Hexachlorocyclopentadiene	50	None	50	50	50	50	50	50	50	50	50	0.0250 U	0.0400 U
Methoxychlor	None	None	None	None	None	None	None	None	None	None	None	--	--
Naphthalene	12	17	None	None	None	None	None	None	None	None	None	0.180 U	0.0190 U
Pentachlorophenol	None	None	None	None	None	None	None	None	None	None	None	--	--
Simazine	None	None	None	None	None	None	None	None	None	None	None	--	--

		DOH		Environmental		DOH Safe		Environmental		Protection		Agency	
		Action Levels		Table D-1A		Groundwater		Drinking Water		Agency		Maximum	
		Incident Specific		Parameters		Regulatory		Branch (SDWB)		Contaminant		Levels	
		SVOC (µg/L)		Action Levels		Constituents		Maximum		Levels		SDG:	
1,1,1-Trichloroethane	11	11	200	200	200	200	200	200	200	200	200	0.270 U	0.200 U
1,1,2-Trichloroethane	5	5	3	3	3	3	3	3	3	3	3	0.280 U	0.200 U
1,1-Dichloroethene	7	7	7	7	7	7	7	7	7	7	7	0.290 U	0.200 U
1,2,4-Trichlorobenzene	70	70	70	70	70	70	70	70	70	70	70	0.350 U	0.200 U
1,2-Dichlorobenzene	10	10	600	600	600	600	600	600	600	600	600	0.260 U	0.200 U
1,2-Dichloroethane	5	5	5	5	5	5	5	5	5	5	5	0.300 U	0.200 U
1,2-Dichloropropane	5	5	5	5	5	5	5	5	5	5	5	0.440 U	0.200 U
1,4-Dichlorobenzene	5	5	75	75	75	75	75	75	75	75	75	0.300 U	0.200 U
Benzene	5	5	5	5	5	5	5	5	5	5	5	0.400 U	0.200 U
Carbon Tetrachloride	5	5	5	5	5	5	5	5	5	5	5	0.280 U	0.100 U
Chlorobenzene	25	25	100	100	100	100	100	100	100	100	100	0.260 U	0.200 U
cis-1,2-Dichloroethene	70	70	70	70	70	70	70	70	70	70	70	0.330 U	0.200 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
Location Type:	School	School	School	School	School	School	School	School	School
Residence:	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI
Field Sample ID:	220115-F1-CT04	220115-F1-CT07	220115-F1-CT08	220115-F1-CT09	220115-F1-DT02	220115-F1-DT03	220117-F1-CT02	220117-F1-CT05	
Sample Date:	2022-01-15	2022-01-15	2022-01-15	2022-01-15	2022-01-15	2022-01-15	2022-01-17	2022-01-17	
Sample Type:	N	FD	N	N	N	N	N (72 Hour Stagnation)	N (72 Hour Stagnation)	

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency	
Incident Specific Parameters		Groundwater Action Levels	Regulatory Constituents	Contaminant Levels	Maximum	Regulatory Constituents		Contaminant Levels	Maximum
SVOC (µg/L)									
1-Methylnaphthalene	2.1	10	None	None	None				
2-Ethylhexyl adipate	None	None	None	None	None				
2-Methylnaphthalene	4.7	10	None	None	None				
Alachlor	None	None	None	None	None				
Atrazine	None	None	None	None	None				
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.2				
Bis(2-ethylhexyl)phthalate	3	3	6	6	2.20 J				
Endrin	None	None	None	None	None				
gamma-BHC (Lindane)	None	None	None	None	None				
Heptachlor	None	None	None	None	None				
Heptachlor epoxide	None	None	None	None	None				
Hexachlorobenzene	0.0003	0.0003	1	1	0.0200 U				
Hexachlorocyclopentadiene	50	None	50	50	0.0400 U				
Methoxychlor	None	None	None	None	None				
Naphthalene	12	17	None	None	0.240 U				
Pentachlorophenol	None	None	None	None	None				
Simazine	None	None	None	None	None				

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency	
Incident Specific Parameters		Groundwater Action Levels	Regulatory Constituents	Contaminant Levels	Maximum	Regulatory Constituents		Contaminant Levels	Maximum
VOC (µg/L)									
1,1,1-Trichloroethane	11	11	200	200	0.500 U				
1,1,2-Trichloroethane	5	5	3	5	0.500 U				
1,1-Dichloroethene	7	7	7	7	0.500 U				
1,2,4-Trichlorobenzene	70	70	70	70	0.500 U				
1,2-Dichlorobenzene	10	10	600	600	0.500 U				
1,2-Dichloroethane	5	5	5	5	0.500 U				
1,2-Dichloropropane	5	5	5	5	0.500 U				
1,4-Dichlorobenzene	5	5	75	None	0.500 U				
Benzene	5	5	5	5	0.500 U				
Carbon Tetrachloride	5	5	5	5	0.500 U				
Chlorobenzene	25	25	100	100	0.500 U				
cis-1,2-Dichloroethene	70	70	70	70	0.500 U				

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MORE3136	F1-MORE3305	F1-MORE3309	F1-MORE3309	F1-MORE3309	F1-PHAR4318
Residence:	School	School	School	School	Residence	Residence	Residence	Residence	Residence	Residence
	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	3136 Moreell Drive	3305 Moreell Street	3309 Moreell Street	3309 Moreell Street	3309 Moreell Street	4318 Pharris Place
Field Sample ID:	220117-F1-CT06	220117-F1-DT04	220117-F1-DT05	220117-F1-DT05	220119-F1-AT09	220119-F1-DT07	220118-F1-FT07	220120-F1-FT01	220119-F1-CT01	
Sample Date:	2022-01-17	2022-01-17	2022-01-17	2022-01-17	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19	
Sample Type:	N (72 Hour Stagnation) N									

DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels						
Incident Specific Parameters	Action Levels	Groundwater Table D-1A	Regulatory Constituents	Maximum Contaminant Levels	SDG: 810125401	SDG: 810125401	SDG: 810125401	SDG: 810126961	SDG: DA41129	SDG: DA41078	SDG: 810127791	SDG: 810126961
SVOC (µg/L)	2.1	10	None	None	0.0200 U	0.0190 U	0.0190 U	0.0200 U	0.240 U	0.240 U	0.0190 U	0.0190 U
1-Methylnaphthalene	None	None	None	None	--	--	--	--	--	--	--	--
2-Ethylhexyl adipate	4.7	10	None	None	0.0200 U	0.0190 U	0.0190 U	0.0200 U	0.240 U	0.240 U	0.0190 U	0.0190 U
2-Methylnaphthalene	None	None	None	None	--	--	--	--	--	--	--	--
Alachlor	None	None	None	None	--	--	--	--	--	--	--	--
Atrazine	0.06	0.06	0.2	0.2	0.00980 U	0.00970 U	0.00970 U	0.00990 U	0.00950 U	0.00950 U	0.00960 U	0.00960 U
Benzo(a)pyrene	3	3	6	6	0.590 U	0.580 U	0.580 U	0.600 U	0.380 U	0.380 U	0.580 U	0.580 U
Bis(2-ethylhexyl)phthalate	None	None	None	None	--	--	--	--	--	--	--	--
Endrin	None	None	None	None	--	--	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	--	--	--	--	--	--	--	--
Heptachlor	None	None	None	None	--	--	--	--	--	--	--	--
Heptachlor epoxide	0.0003	0.0003	1	1	--	--	--	--	0.0200 U	0.0200 U	--	--
Hexachlorobenzene	50	None	50	50	--	--	--	--	0.0400 U	0.0400 U	--	--
Hexachlorocyclopentadiene	None	None	None	None	--	--	--	--	--	--	--	--
Methoxychlor	12	17	None	None	0.0200 U	0.0190 U	0.0190 U	0.0200 U	0.240 U	0.240 U	0.0190 U	0.0190 U
Naphthalene	None	None	None	None	--	--	--	--	--	--	--	--
Pentachlorophenol	None	None	None	None	--	--	--	--	--	--	--	--
Simazine	None	None	None	None	--	--	--	--	--	--	--	--

DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels									
Incident Specific Parameters	Environmental Action Levels Table D-1A	Groundwater Action Levels						SDG: DA41047	SDG: 810125401	SDG: 810125401	SDG: 810126961	SDG: C22A041	SDG: C22A039	SDG: C22A044	SDG: 810126961
VOC (µg/L)															
1,1,1-Trichloroethane	11	11	200	200	200	0.500 U	200	0.500 U	0.200 U	0.200 U	0.200 U	0.119 U	0.119 U	0.119 U	0.200 U
1,1,2-Trichloroethane	5	5	3	5	5	0.500 U	5	0.500 U	0.200 U	0.200 U	0.200 U	0.288 U	0.288 U	0.288 U	0.200 U
1,1-Dichloroethene	7	7	7	7	7	0.500 U	7	0.500 U	0.200 U	0.200 U	0.200 U	0.128 U	0.128 U	0.128 U	0.200 U
1,2,4-Trichlorobenzene	70	70	70	70	70	0.500 U	70	0.500 U	0.200 U	0.200 U	0.200 U	0.318 U	0.318 U	0.318 U	0.200 U
1,2-Dichlorobenzene	10	10	600	600	600	0.500 U	600	0.500 U	0.200 U	0.200 U	0.200 U	0.272 U	0.272 U	0.272 U	0.200 U
1,2-Dichloroethane	5	5	5	5	5	0.500 U	5	0.500 U	0.200 U	0.200 U	0.200 U	0.0884 U	0.0884 U	0.0884 U	0.200 U
1,2-Dichloropropane	5	5	5	5	5	0.500 U	5	0.500 U	0.200 U	0.200 U	0.200 U	0.129 U	0.129 U	0.129 U	0.200 U
1,4-Dichlorobenzene	5	5	75	None	None	0.500 U	75	0.500 U	0.200 U	0.200 U	0.200 U	0.245 U	0.245 U	0.245 U	0.200 U
Benzene	5	5	5	5	5	0.500 U	5	0.500 U	0.200 U	0.200 U	0.200 U	0.0846 U	0.0846 U	0.0846 U	0.200 U
Carbon Tetrachloride	5	5	5	5	5	0.500 U	5	0.500 U	0.100 U	0.100 U	0.100 U	0.165 U	0.165 U	0.165 U	0.100 U
Chlorobenzene	25	25	100	100	100	0.500 U	100	0.500 U	0.200 U	0.200 U	0.200 U	0.146 U	0.146 U	0.146 U	0.200 U
cis-1,2-Dichloroethene	70	70	70	70	70	0.500 U	70	0.500 U	0.200 U	0.200 U	0.200 U	0.0570 U	0.0570 U	0.0570 U	0.200 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-REEV4711	F1-REEV4720	F1-REEV4720	F1-REEV4733	F1-REEV4751	F1-REEV4751	F1-REEV4760	F1-REEV4760	F1-REEV4760	
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	4711 Reeves Loop	4720 Reeves Loop	4720 Reeves Loop	4733 Reeves Loop	4751 Reeves Loop	4751 Reeves Loop	4760 Reeves Loop	4760 Reeves Loop	4760 Reeves Loop	
Field Sample ID:	220119-F1-HT07	220120-F1-HT01	220120-F1-HT02	220120-F1-LT02	220118-F1-FT05	220120-F1-FT02	220119-F1-GT01	220119-F1-GT07		
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-18	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	FD	N	N	N (72 Hour Stagnation)			N	FD

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Action Levels	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater
SVOC (µg/L)	2.1	10	None	None	None	None	None	None	None	None	None
1-Methylnaphthalene											
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	None	None
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	None	None
Alachlor	None	None	None	None	None	None	None	None	None	None	None
Atrazine	None	None	None	None	None	None	None	None	None	None	None
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00970 U	0.00970 U	0.00970 U	0.0117 UJ	0.0100 U	0.0190 U	0.0200 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.580 U	0.580 U	0.580 U	0.437 UJ	0.400 U	0.470 U	0.470 U
Endrin	None	None	None	None	None	None	None	None	None	None	None
gamma-BHC (Lindane)	None	None	None	None	None	None	None	None	None	None	None
Heptachlor	None	None	None	None	None	None	None	None	None	None	None
Heptachlor epoxide	None	None	None	None	None	None	None	None	None	None	None
Hexachlorobenzene	0.0003	0.0003	1	1	0.0150 U	--	--	0.0980 U	0.0200 U	0.0150 U	0.0150 U
Hexachlorocyclopentadiene	50	None	50	50	0.0250 U	--	--	0.00594 U	0.0400 U	0.0240 U	0.0250 U
Methoxychlor	None	None	None	None	None	None	None	None	None	None	None
Naphthalene	12	17	None	None	0.180 U	0.0190 U	0.0190 U	0.0103 U	0.250 U	0.170 U	0.180 U
Pentachlorophenol	None	None	None	None	None	None	None	None	None	None	None
Simazine	None	None	None	None	None	None	None	None	None	None	None

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	Action Levels	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater	Table D-1A	Groundwater
VOC (µg/L)	11	11	200	200	0.119 U	0.119 U	0.119 U	0.119 U	0.500 U	0.270 U	0.270 U
1,1,1-Trichloroethane											
1,1,2-Trichloroethane	5	5	3	5	0.288 U	0.288 U	0.288 U	0.288 U	0.500 U	0.280 U	0.280 U
1,1-Dichloroethene	7	7	7	7	0.128 U	0.128 U	0.128 U	0.128 U	0.500 U	0.290 U	0.290 U
1,2,4-Trichlorobenzene	70	70	70	70	0.318 U	0.318 U	0.318 U	0.318 U	0.500 U	0.350 U	0.350 U
1,2-Dichlorobenzene	10	10	600	600	0.272 U	0.272 U	0.272 U	0.272 U	0.500 U	0.260 U	0.260 U
1,2-Dichloroethane	5	5	5	5	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.500 U	0.300 U	0.300 U
1,2-Dichloropropane	5	5	5	5	0.129 U	0.129 U	0.129 U	0.129 U	0.500 U	0.440 U	0.440 U
1,4-Dichlorobenzene	5	5	75	None	0.245 U	0.245 U	0.245 U	0.245 U	0.500 U	0.300 U	0.300 U
Benzene	5	5	5	5	0.400 U	0.0846 U	0.0846 U	0.0846 U	0.500 U	0.400 U	0.400 U
Carbon Tetrachloride	5	5	5	5	0.280 U	0.165 U	0.165 U	0.165 U	0.500 U	0.280 U	0.280 U
Chlorobenzene	25	25	100	100	0.260 U	0.146 U	0.146 U	0.146 U	0.500 U	0.260 U	0.260 U
cis-1,2-Dichloroethene	70	70	70	70	0.330 U	0.0570 U	0.0570 U	0.0570 U	0.500 U	0.330 U	0.330 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-REEV4763	F1-ROOD4103	F1-ROOD4103	F1-ROOD4117	F1-ROOD4139	F1-ROSS4432	F1-SCOT4611	F1-SCOT4627		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
	4763 Reeves Loop	4103 Rood Court	4103 Rood Court	4117 Rood Court	4139 Rood Court	4432 Ross Court	4611 Scott Loop	4627 Scott Loop		
Field Sample ID:	220119-F1-DT06	220120-F1-IT01	220120-F1-IT02	220119-F1-ET04	220119-F1-DT05	220119-F1-IT05	220119-F1-ET07	220119-F1-HT06		
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	N	N	FD	N	N	N	N	N		

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
Incident Specific Parameters	SVOC (µg/L)	Action Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG: DA41129	SDG: 810127791	SDG: 810127791	SDG: DA41129R	SDG: DA41129	SDG: 35692064_Rev	SDG: DA41129
1-Methylnaphthalene	2.1	10	None	None	0.240 U	0.0200 U	0.0190 U	0.250 U	0.240 U	0.180 U	0.240 U
2-Ethylhexyl adipate	None	None	None	None	--	--	--	--	--	--	--
2-Methylnaphthalene	4.7	10	None	None	0.240 U	0.0200 U	0.0190 U	0.250 U	0.240 U	0.190 U	0.240 U
Alachlor	None	None	None	None	--	--	--	--	--	--	--
Atrazine	None	None	None	None	--	--	--	--	--	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00960 U	0.00980 U	0.00970 U	0.00980 U	0.00960 U	0.0200 U	0.00950 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.380 U	0.590 U	0.580 U	0.390 U	0.380 U	0.470 U	0.380 U
Endrin	None	None	None	None	--	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	--	--	--	--	--	--	--
Heptachlor	None	None	None	None	--	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	--	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	0.0200 U	--	--	0.0200 U	0.0200 U	0.0150 U	0.0200 U
Hexachlorocyclopentadiene	50	None	50	50	0.0400 U	--	--	0.0400 U	0.0400 U	0.0250 U	0.0400 U
Methoxychlor	None	None	None	None	--	--	--	--	--	--	--
Naphthalene	12	17	None	None	0.240 U	0.0200 U	0.0190 U	0.250 U	0.240 U	0.180 U	0.240 U
Pentachlorophenol	None	None	None	None	--	--	--	--	--	--	--
Simazine	None	None	None	None	--	--	--	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
Incident Specific Parameters	VOC (µg/L)	Action Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG: C22A041	SDG: C22A044	SDG: C22A044	SDG: C22A041	SDG: C22A041	SDG: 35692064_Rev	SDG: C22A041
1,1,1-Trichloroethane	11	11	200	200	0.119 U	0.119 U	0.119 U	0.119 U	0.119 U	0.270 U	0.119 U
1,1,2-Trichloroethane	5	5	3	5	0.288 U	0.288 U	0.288 U	0.288 U	0.288 U	0.280 U	0.288 U
1,1-Dichloroethene	7	7	7	7	0.128 U	0.128 U	0.128 U	0.128 U	0.128 U	0.290 U	0.128 U
1,2,4-Trichlorobenzene	70	70	70	70	0.318 U	0.318 U	0.318 U	0.318 U	0.318 U	0.350 U	0.318 U
1,2-Dichlorobenzene	10	10	600	600	0.272 U	0.272 U	0.272 U	0.272 U	0.272 U	0.260 U	0.272 U
1,2-Dichloroethane	5	5	5	5	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.0884 U	0.300 U	0.0884 U
1,2-Dichloropropane	5	5	5	5	0.129 U	0.129 U	0.129 U	0.129 U	0.129 U	0.440 U	0.129 U
1,4-Dichlorobenzene	5	5	75	None	0.245 U	0.245 U	0.245 U	0.245 U	0.245 U	0.300 U	0.245 U
Benzene	5	5	5	5	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.0846 U	0.400 U	0.0846 U
Carbon Tetrachloride	5	5	5	5	0.165 U	0.165 U	0.165 U	0.165 U	0.165 U	0.280 U	0.165 U
Chlorobenzene	25	25	100	100	0.146 U	0.146 U	0.146 U	0.146 U	0.146 U	0.260 U	0.146 U
cis-1,2-Dichloroethene	70	70	70	70	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.0570 U	0.330 U	0.0570 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-TAYL3400	F1-TAYL3410	F1-TAYL3410	F1-TAYL3410	F1-TAYL3440	F1-TAYL3440	F1-TAYL3454	F1-TAYL3454	F1-TAYL3465	
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	3400 Taylor Street	3410 Taylor Street	3410 Taylor Street	3410 Taylor Street	3440 Taylor Street	3440 Taylor Street	3454 Taylor Street	3454 Taylor Street	3465 Taylor Street	
Field Sample ID:	220119-F1-CT02	220118-F1-JT01	220120-F1-JT01	220119-F1-ET01	220119-F1-ET02	220118-F1-FT06	220120-F1-FT03	220119-F1-BT04		
Sample Date:	2022-01-19	2022-01-18	2022-01-20	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N	N	N (72 Hour Stagnation)	N	FD	N	N (72 Hour Stagnation)	N		

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
		Incident Specific Parameters	Environmental Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG: 810126961	SDG: DA41078	SDG: 810127791	SDG: DA41129
SVOC (µg/L)		2.1	10	None	None	None	None	0.0190 U	0.240 U	0.0190 U	0.250 U
1-Methylnaphthalene					None						
2-Ethylhexyl adipate		None	None	None	None	None	None	--	--	--	--
2-Methylnaphthalene		4.7	10	None	None	None	None	0.0190 U	0.240 U	0.0190 U	0.250 U
Alachlor		None	None	None	None	None	None	--	--	--	--
Atrazine		None	None	None	None	None	None	--	--	--	--
Benzo(a)pyrene		0.06	0.06	0.2	0.2	0.00960 U	0.00960 U	0.00970 U	0.00960 U	0.0100 U	0.00970 U
Bis(2-ethylhexyl)phthalate		3	3	6	6	0.580 U	0.380 U	0.580 U	0.380 U	0.400 U	0.580 U
Endrin		None	None	None	None	None	None	--	--	--	--
gamma-BHC (Lindane)		None	None	None	None	None	None	--	--	--	--
Heptachlor		None	None	None	None	None	None	--	--	--	--
Heptachlor epoxide		None	None	None	None	None	None	--	--	--	--
Hexachlorobenzene		0.0003	0.0003	1	1	--	0.0200 U	--	0.0200 U	0.0200 U	--
Hexachlorocyclopentadiene		50	None	50	50	--	0.0400 U	--	0.0400 U	0.0400 U	--
Methoxychlor		None	None	None	None	None	None	--	--	--	--
Naphthalene		12	17	None	None	0.0190 U	0.240 U	0.0190 U	0.240 U	0.0190 U	0.0190 U
Pentachlorophenol		None	None	None	None	None	None	--	--	--	--
Simazine		None	None	None	None	None	None	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency			
		Incident Specific Parameters	Environmental Action Levels	Regulatory Constituents	Maximum Contaminant Levels	Regulatory Constituents	Maximum Contaminant Levels	SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: C22A041
VOC (µg/L)		11	11	200	200	200 U	0.500 U	0.119 U	0.500 U	0.119 U	0.500 U
1,1,1-Trichloroethane					200						
1,1,2-Trichloroethane		5	5	3	5	0.200 U	0.500 U	0.288 U	0.500 U	0.288 U	0.200 U
1,1-Dichloroethene		7	7	7	7	0.200 U	0.500 U	0.128 U	0.500 U	0.128 U	0.200 U
1,2,4-Trichlorobenzene		70	70	70	70	0.200 U	0.500 U	0.318 U	0.500 U	0.318 U	0.200 U
1,2-Dichlorobenzene		10	10	600	600	0.200 U	0.500 U	0.272 U	0.500 U	0.272 U	0.200 U
1,2-Dichloroethane		5	5	5	5	0.200 U	0.500 U	0.0884 U	0.500 U	0.0884 U	0.200 U
1,2-Dichloropropane		5	5	5	5	0.200 U	0.500 U	0.129 U	0.500 U	0.129 U	0.200 U
1,4-Dichlorobenzene		5	5	75	None	0.200 U	0.500 U	0.245 U	0.500 U	0.245 U	0.200 U
Benzene		5	5	5	5	0.200 U	0.500 U	0.0846 U	0.500 U	0.0846 U	0.200 U
Carbon Tetrachloride		5	5	5	5	0.100 U	0.500 U	0.165 U	0.500 U	0.165 U	0.100 U
Chlorobenzene		25	25	100	100	0.200 U	0.500 U	0.146 U	0.500 U	0.146 U	0.200 U
cis-1,2-Dichloroethene		70	70	70	70	0.200 U	0.500 U	0.0570 U	0.500 U	0.0570 U	0.200 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-TAYL3465 Residence 3465 Taylor Street	F1-TAYL3476 Residence 3476 Taylor Street	F1-TAYL3481 Residence 3481 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-THOM4204 Residence 4204 Thomas Way	F1-THOM4222 Residence 4222 Thomas Way	F1-TOMI3189 Residence 3189 Tomich Court	
Field Sample ID:	220119-F1-BT05	220119-F1-HT04	220119-F1-FT05	220119-F1-LT02	220119-F1-LT03	220119-F1-LT07	220119-F1-BT09	220119-F1-GT04		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	FD	N	N	N	FD	N	N	N		

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	SVOC (µg/L)	Action Levels	Table D-1A	Groundwater	Table D-1A	Regulatory	Constituents	Maximum	Contaminant Levels	SDG: 810126961	SDG: 35692020_Rev3
1-Methylnaphthalene	2.1	10	None	None	None	None	None	None	None	0.0190 U	0.180 U
2-Ethylhexyl adipate	None	None	None	None	None	None	None	None	None	--	--
2-Methylnaphthalene	4.7	10	None	None	None	None	None	None	None	0.0190 U	0.190 U
Alachlor	None	None	None	None	None	None	None	None	None	--	--
Atrazine	None	None	None	None	None	None	None	None	None	--	--
Benzo(a)pyrene	0.06	0.06	0.2	0.2	0.00950 UJ	0.0200 U	0.00950 U	0.0117 UJ	0.0190 U	0.00970 U	0.0200 U
Bis(2-ethylhexyl)phthalate	3	3	6	6	0.570 UJ	0.470 U	0.380 U	0.437 U	0.470 U	0.580 U	0.480 U
Endrin	None	None	None	None	--	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	--	--	--	--	--	--	--
Heptachlor	None	None	None	None	--	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	--	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	1	1	0.0150 U	0.0200 U	0.0980 U	0.0980 U	0.0150 U	--	0.0150 U
Hexachlorocyclopentadiene	50	None	50	50	0.0240 U	0.0400 U	0.00594 U	0.00594 U	0.0240 U	--	0.0250 U
Methoxychlor	None	None	None	None	--	--	--	--	--	--	--
Naphthalene	12	17	None	None	0.0190 U	0.240 U	0.0103 U	0.0103 U	0.170 U	0.0190 U	0.180 U
Pentachlorophenol	None	None	None	None	--	--	--	--	--	--	--
Simazine	None	None	None	None	--	--	--	--	--	--	--

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters	VOC (µg/L)	Action Levels	Table D-1A	Groundwater	Table D-1A	Regulatory	Constituents	Maximum	Contaminant Levels	SDG: 810126961	SDG: 35692020_Rev3
1,1,1-Trichloroethane	11	11	200	200	0.200 U	0.270 U	0.119 U	0.256 U	0.270 U	0.200 U	0.270 U
1,1,2-Trichloroethane	5	5	3	5	0.200 U	0.280 U	0.288 U	0.190 U	0.280 U	0.200 U	0.280 U
1,1-Dichloroethene	7	7	7	7	0.200 U	0.290 U	0.128 U	0.160 U	0.290 U	0.200 U	0.290 U
1,2,4-Trichlorobenzene	70	70	70	70	0.200 U	0.350 U	0.318 U	0.170 U	0.350 U	0.200 U	0.350 U
1,2-Dichlorobenzene	10	10	600	600	0.200 U	0.260 U	0.272 U	0.190 U	0.260 U	0.200 U	0.260 U
1,2-Dichloroethane	5	5	5	5	0.200 U	0.300 U	0.0884 U	0.243 U	0.300 U	0.200 U	0.300 U
1,2-Dichloropropane	5	5	5	5	0.200 U	0.440 U	0.129 U	0.130 U	0.440 U	0.200 U	0.440 U
1,4-Dichlorobenzene	5	5	75	None	0.200 U	0.300 U	0.245 U	0.180 U	0.300 U	0.200 U	0.300 U
Benzene	5	5	5	5	0.200 U	0.400 U	0.0846 U	0.150 U	0.400 U	0.200 U	0.400 U
Carbon Tetrachloride	5	5	5	5	0.100 U	0.280 U	0.165 U	0.270 U	0.280 U	0.100 U	0.280 U
Chlorobenzene	25	25	100	100	0.200 U	0.260 U	0.146 U	0.150 U	0.260 U	0.200 U	0.260 U
cis-1,2-Dichloroethene	70	70	70	70	0.200 U	0.330 U	0.0570 U	0.250 U	0.330 U	0.200 U	0.330 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-WARD5109 F1-WARD5117 F1-WARD5125 F1-WARD5145 F1-WARD5150 F1-WARD5155
Location Type: Residence Residence Residence Residence Residence Residence
Residence: 5109 Warden Court 5117 Warden Court 5125 Warden Court 5145 Warden Court 5150 Warden Court 5155 Warden Court

Field Sample ID: 220119-F1-IT06 220119-F1-GT02 220120-F1-GT03 220119-F1-LT06 220119-F1-AT03 220120-F1-BT03
Sample Date: 2022-01-19 2022-01-19 2022-01-20 2022-01-19 2022-01-19 2022-01-20
Sample Type: N N N N N N

SVOC (µg/L)		Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 35692064_Rev	SDG: 35692064_Rev	SDG: 810127791	SDG: 2A20048_Rev	SDG: 81027891_Rev	SDG: 810127791
1-Methylnaphthalene	2.1	None	10	None	None	0.170 U	0.170 U	0.0200 U	0.00801 U	0.0190 U	0.0190 U
2-Ethylhexyl adipate	None	None	None	None	None	--	--	--	--	--	--
2-Methylnaphthalene	4.7	None	10	None	None	0.180 U	0.180 U	0.0200 U	0.00904 U	0.0190 U	0.0190 U
Alachlor	None	None	None	None	None	--	--	--	--	--	--
Atrazine	None	None	None	None	None	--	--	--	--	--	--
Benzo(a)pyrene	0.06	0.06	0.06	0.2	0.2	0.0190 U	0.0190 U	0.0100 U	0.0117 UJ	0.00970 U	0.00970 U
Bis(2-ethylhexyl)phthalate	3	None	3	6	6	0.470 UJ	0.460 U	0.600 U	0.437 U	0.580 U	0.580 U
Endrin	None	None	None	None	None	--	--	--	--	--	--
gamma-BHC (Lindane)	None	None	None	None	None	--	--	--	--	--	--
Heptachlor	None	None	None	None	None	--	--	--	--	--	--
Heptachlor epoxide	None	None	None	None	None	--	--	--	--	--	--
Hexachlorobenzene	0.0003	0.0003	0.0003	1	1	0.0150 U	0.0140 U	--	0.0980 U	--	--
Hexachlorocyclopentadiene	50	None	None	50	50	0.0240 U	0.0240 U	--	0.00594 U	--	--
Methoxychlor	None	None	None	None	None	--	--	--	--	--	--
Naphthalene	12	17	None	None	None	0.170 U	0.170 U	0.0200 U	0.0103 U	0.0190 U	0.0190 U
Pentachlorophenol	None	None	None	None	None	--	--	--	--	--	--
Simazine	None	None	None	None	None	--	--	--	--	--	--

VOC (µg/L)		Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 35692064_Rev	SDG: 35692064_Rev	SDG: C22A044	SDG: 2A20048_Rev	SDG: 81027891_Rev	SDG: C22A044
1,1,1-Trichloroethane	11	11	11	200	200	0.270 U	0.270 U	0.119 U	0.256 U	0.200 U	0.119 U
1,1,2-Trichloroethane	5	5	5	3	5	0.280 U	0.280 U	0.288 U	0.190 U	0.200 U	0.288 U
1,1-Dichloroethene	7	7	7	7	7	0.290 U	0.290 U	0.128 U	0.160 U	0.200 U	0.128 U
1,2,4-Trichlorobenzene	70	70	70	70	70	0.350 U	0.350 U	0.318 U	0.170 U	0.200 U	0.318 U
1,2-Dichlorobenzene	10	10	10	600	600	0.260 U	0.260 U	0.272 U	0.190 U	0.200 U	0.272 U
1,2-Dichloroethane	5	5	5	5	5	0.300 U	0.300 U	0.0884 U	0.243 U	0.200 U	0.0884 U
1,2-Dichloropropane	5	5	5	5	5	0.440 U	0.440 U	0.129 U	0.130 U	0.200 U	0.129 U
1,4-Dichlorobenzene	5	5	5	75	None	0.300 U	0.300 U	0.245 U	0.180 U	0.200 U	0.245 U
Benzene	5	5	5	5	5	0.400 U	0.400 U	0.0846 U	0.150 U	0.200 U	0.0846 U
Carbon Tetrachloride	5	5	5	5	5	0.280 U	0.280 U	0.165 U	0.270 U	0.100 U	0.165 U
Chlorobenzene	25	25	25	100	100	0.260 U	0.260 U	0.146 U	0.150 U	0.200 U	0.146 U
cis-1,2-Dichloroethene	70	70	70	70	70	0.330 U	0.330 U	0.0570 U	0.250 U	0.200 U	0.0570 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-ASHE4009 F1-ASHE4019 F1-ASHE4019 F1-BENN5508 F1-BENN5512 F1-BENN5523 F1-BENN5556 F1-BENN5559
Location Type: Residence Residence Residence Residence Residence Residence Residence Residence
Residence: 4009 Asher Court 4019 Asher Court 4019 Asher Court 5508 Bennion Drive 5512 Bennion Drive 5523 Bennion Drive 5556 Bennion Drive 5559 Bennion Drive

Field Sample ID: 220119-F1-LT04 220118-F1-JT02 220120-F1-JT02 220119-F1-GT03 220120-F1-KT02 220119-F1-CT03 220119-F1-BT08 220119-F1-GT06
Sample Date: 2022-01-19 2022-01-18 2022-01-20 2022-01-19 2022-01-20 2022-01-19 2022-01-19 2022-01-19
Sample Type: N N N N N N N N

Incident Specific Parameters		DOH Environmental Action Levels Table D-1A Groundwater	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 2A20048_Rev	SDG: DA41078	SDG: C22A044	SDG: 35692064_Rev	SDG: C22A044	SDG: 81027891_Rev	SDG: 810126961	SDG: 35692020_Rev3
VOC (µg/L)	700	7.3	700	700	0.210 U	0.500 U	0.141 U	0.230 U	0.141 U	0.200 U	0.200 U	0.230 U
Ethylbenzene												
m,p-Xylene	10000	13	None	None	0.330 U	0.500 U	0.317 U	0.390 U	0.317 U	0.500 U	0.500 U	0.390 U
Methylene chloride	5	5	5	5	0.303 U	0.500 U	2.15 U	0.440 U	2.15 U	0.400 U	0.400 U	0.440 U
o-Xylene	10000	13	None	None	0.200 U	0.500 U	0.157 U	0.190 U	0.157 U	0.200 U	0.200 U	0.190 U
Styrene	10	10	100	100	0.190 U	0.500 U	0.224 U	0.200 U	0.224 U	0.200 U	0.200 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	0.180 U	0.500 U	0.125 U	0.260 U	0.125 U	0.200 U	0.200 U	0.260 U
Toluene	1000	9.8	1000	1000	0.294 U	0.500 U	0.120 U	0.280 U	0.120 U	0.200 U	0.200 U	0.280 U
trans-1,2-Dichloroethene	100	100	100	100	0.259 U	0.500 U	0.0958 U	0.270 U	0.0958 U	0.200 U	0.200 U	0.270 U
Trichloroethene (TCE)	5	5	5	5	0.180 U	0.500 U	0.0574 U	0.260 U	0.0574 U	0.200 U	0.200 U	0.260 U
Vinyl chloride	2	2	2	2	0.180 U	0.500 U	0.611 U	0.120 U	0.611 U	0.200 U	0.200 U	0.120 U
Xylenes, Total	10000	13	10000	10000	--	0.500 U	--	--	--	0.500 U	0.500 U	--

Notes:
-- indicates that the sample was Not Analyzed for the analyte
Results highlighted yellow exceed the ISP
Results in purple font also exceed the EALs
Results in green font also exceed the DOH MCL
Results in blue font also exceed the EPA MCL
Results from G1/G3 sampling, where the G3 result is greater than the G1 result, have a red border and the associated G1/G3 result in parentheses for comparison

µg/L = Micrograms per Liter

Residential Sampling Report for Flushing Zone F1 Zone Residential DW Sampling Chemistry Results

Location ID:	F1-BENN5568	F1-BENN5568	F1-BENN5570	F1-BENN5577	F1-BENN5584	F1-BENN5590	F1-BENN5590	F1-BENN5591
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	5568 Bennion Drive	5568 Bennion Drive	5570 Bennion Drive	5577 Bennion Drive	5584 Bennion Drive	5590 Bennion Drive	5590 Bennion Drive	5591 Bennion Drive

Field Sample ID:	220118-F1-JT04	220120-F1-JT04	220119-F1-CT05	220120-F1-LT01	220119-F1-FT01	220118-F1-FT08	220120-F1-FT04	220119-F1-AT01
Sample Date:	2022-01-18	2022-01-20	2022-01-19	2022-01-20	2022-01-19	2022-01-18	2022-01-20	2022-01-19
Sample Type:	N	N (72 Hour Stagnation)	N	N	N	N	N (72 Hour Stagnation)	N

[illegible]

Residential Sampling Report for Flushing Zone

F1 Zone Residential DW Sampling

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-BENN5591	F1-BENN5609	F1-BENN5629	F1-BLDG0075	F1-BLDG0617	F1-BLDG0A13	F1-BLDG0A13	F1-BLDG2643		
	Residence	Residence	Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence		
	5591 Bennion Drive	5609 Bennion Court	5629 Bennion Court	Building 75,ADMIN OFFICE (SAFETY), 891 Bougainville Dr	Building 617,PEARL HARBOR COMMISSARY	Building A13,ADMIN OFFICE	Building A13,ADMIN OFFICE	Building 2643,TACO BELL MOANALUA SHOP CTR, 934 Valkenburgh St		
Field Sample ID:	220119-F1-AT02	220119-F1-LT07	220119-F1-DT01	220120-F1-AT06	220120-F1-AT05	220120-F1-BT01	220120-F1-BT02	220120-F1-ET05		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-20	2022-01-20		
Sample Type:	FD	N	N	N	N	N	FD	N		

VOC (µg/L)	Incident Specific Parameters	DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels		SDG: 81027891_Rev	SDG: 2A20048_Rev	SDG: C22A041	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044
		Action Levels	Table D-1A	Action Levels	Table D-1A	Regulatory Constituents	Regulatory Constituents	Maximum Contaminant Levels	Maximum Contaminant Levels							
Ethylbenzene	700	7.3		700		700		700		0.200 U	0.210 U	0.141 U	0.141 U	0.141 U	0.141 U	0.141 U
m,p-Xylene	10000	13		None		None		None		0.500 U	0.330 U	0.317 U	0.317 U	0.317 U	0.317 U	0.317 U
Methylene chloride	5	5		5		5		5		0.400 U	0.303 U	2.15 U	2.15 U	2.15 U	2.15 U	2.15 U
o-Xylene	10000	13		None		None		None		0.200 U	0.200 U	0.157 U	0.157 U	0.157 U	0.157 U	0.157 U
Styrene	10	10		100		100		100		0.200 U	0.190 U	0.224 U	0.224 U	0.224 U	0.224 U	0.224 U
Tetrachloroethene (PCE)	5	5		5		5		5		0.200 U	0.180 U	0.125 U	0.125 U	0.125 U	0.125 U	0.125 U
Toluene	1000	9.8		1000		1000		1000		0.200 U	0.294 U	0.120 U	0.120 U	0.120 U	0.120 U	0.120 U
trans-1,2-Dichloroethene	100	100		100		100		100		0.200 U	0.259 U	0.0958 U	0.0958 U	0.0958 U	0.0958 U	0.0958 U
Trichloroethene (TCE)	5	5		5		5		5		0.200 U	0.180 U	0.0574 U	0.0574 U	0.0574 U	0.0574 U	0.0574 U
Vinyl chloride	2	2		2		2		2		0.200 U	0.180 U	0.611 U	0.611 U	0.611 U	0.611 U	0.611 U
Xylenes, Total	10000	13		10000		10000		10000		0.500 U	--	--	--	--	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-BLDG2654	F1-BLDG4827	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-BOUG4857	F1-CAKO4517
Location Type:	Non-Residence	Non-Residence	School	School	School	School	School	School	Residence
Residence:	Building 2654,PANDA EXPRESS, 4847 Warden Ave	Building 4827,JOINT BASE PHH MILITARY & FAMILY SERVICES, 4827 Bougainville Dr	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	4517 Cakon Place
Field Sample ID:	220120-F1-ET04	220120-F1-AT04	220118-F1-BT01	220118-F1-CT04	220118-F1-DT03	220118-F1-CT03	220118-F1-CT04	220118-F1-DT04	220119-F1-LT05
Sample Date:	2022-01-20	2022-01-20	2022-01-18	2022-01-18	2022-01-18	2022-01-18	2022-01-18	2022-01-18	2022-01-19
Sample Type:	N	N	N	N	N	N	N	N	N

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: C22A044	SDG: C22A044	SDG: DA41078	SDG: DA41078	SDG: DA41078	SDG: DA41078	SDG: 2A20048_Rev
Ethylbenzene	700	7.3	700	700	0.141 U	0.141 U	0.500 U	0.500 U	0.500 U	0.500 U	0.210 U
m,p-Xylene	10000	13	None	None	0.317 U	0.317 U	0.500 U	0.500 U	0.500 U	0.500 U	0.330 U
Methylene chloride	5	5	5	5	2.15 U	2.15 U	0.500 U	0.500 U	0.500 U	0.500 U	0.303 U
o-Xylene	10000	13	None	None	0.157 U	0.157 U	0.500 U	0.500 U	0.500 U	0.500 U	0.200 U
Styrene	10	10	100	100	0.224 U	0.224 U	0.500 U	0.500 U	0.500 U	0.500 U	0.190 U
Tetrachloroethene (PCE)	5	5	5	5	0.125 U	0.125 U	0.500 U	0.500 U	0.500 U	0.500 U	0.180 U
Toluene	1000	9.8	1000	1000	0.120 U	0.120 U	0.500 U	0.500 U	0.500 U	0.500 U	0.294 U
trans-1,2-Dichloroethene	100	100	100	100	0.0958 U	0.0958 U	0.500 U	0.500 U	0.500 U	0.500 U	0.259 U
Trichloroethene (TCE)	5	5	5	5	0.0574 U	0.0574 U	0.500 U	0.500 U	0.500 U	0.500 U	0.180 U
Vinyl chloride	2	2	2	2	0.611 U	0.611 U	0.500 U	0.500 U	0.500 U	0.500 U	0.180 U
Xylenes, Total	10000	13	10000	10000	--	--	0.500 U	0.500 U	0.500 U	0.500 U	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-CLAR4412	F1-CLAR4427	F1-FLAH4326	F1-FLAH4328	F1-FLAH4335	F1-FLAH4337	F1-FUQU5209	F1-FUQU5313		
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
	4412 Clarey Boulevard	4427 Clarey Boulevard	4326 Flaherty Circle	4328 Flaherty Circle	4335 Flaherty Circle	4337 Flaherty Circle	5209 Fuqua Lane	5313 Fuqua Street		
Field Sample ID:	220119-F1-ET06	220119-F1-ET03	220120-F1-HT03	220118-F1-JT03	220119-F1-DT04	220120-F1-KT01	220119-F1-ET05	220119-F1-BT10		
Sample Date:	2022-01-19	2022-01-19	2022-01-20	2022-01-18	2022-01-19	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	N	N	N	N	N	N	N	N

		DOH		Environmental		Environmental					
		Incident Specific Parameters	Environmental Action Levels Table D-1A	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Protection Agency Maximum Contaminant Levels			SDG:	SDG:	SDG:	SDG:
VOC (µg/L)		700	7.3	700	700	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
Ethylbenzene						C22A041	C22A044	DA41078	C22A041	C22A044	810126961
						0.141 U	0.141 U	0.500 U	0.141 U	0.141 U	0.200 U
m,p-Xylene		10000	13	None	None	0.317 U	0.317 U	0.500 U	0.317 U	0.317 U	0.500 U
						2.15 U	2.15 U	0.500 U	2.15 U	2.15 U	0.400 U
Methylene chloride		5	5	5	5						
						0.157 U	0.157 U	0.500 U	0.157 U	0.157 U	0.200 U
o-Xylene		10000	13	None	None	0.224 U	0.224 U	0.500 U	0.224 U	0.224 U	0.200 U
						0.125 U	0.125 U	0.500 U	0.125 U	0.125 U	0.200 U
Styrene		10	10	100	100	0.125 U	0.125 U	0.500 U	0.120 U	0.120 U	0.200 U
						0.0958 U	0.0958 U	0.500 U	0.0958 U	0.0958 U	0.200 U
Tetrachloroethene (PCE)		5	5	5	5	0.0574 U	0.0574 U	0.500 U	0.0574 U	0.0574 U	0.200 U
						0.611 U	0.611 U	0.500 U	0.611 U	0.611 U	0.200 U
Toluene		1000	9.8	1000	1000						
						0.141 U	0.141 U	0.500 U	0.141 U	0.141 U	0.200 U
trans-1,2-Dichloroethene		100	100	100	100	0.125 U	0.125 U	0.500 U	0.125 U	0.125 U	0.200 U
						0.0958 U	0.0958 U	0.500 U	0.0958 U	0.0958 U	0.200 U
Trichloroethene (TCE)		5	5	5	5	0.0574 U	0.0574 U	0.500 U	0.0574 U	0.0574 U	0.200 U
						0.611 U	0.611 U	0.500 U	0.611 U	0.611 U	0.200 U
Vinyl chloride		2	2	2	2						
						--	--	0.500 U	--	--	0.500 U
Xylenes, Total		10000	13	10000	10000						

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-JONE4806	F1-JONE4806	F1-JONE4807	F1-JONE4818	F1-KIDD4907	F1-KIDD4913	F1-KIDD4919	F1-KIDD4926
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	4806 Jones Court	4806 Jones Court	4807 Jones Court	4818 Jones Court	4907 Kidd Court	4913 Kidd Court	4919 Kidd Court	4926 Kidd Court
Field Sample ID:	220119-F1-DT02	220119-F1-DT03	220120-F1-BT04	220119-F1-HT01	220119-F1-FT03	220120-F1-JT03	220119-F1-AT08	220119-F1-AT04
Sample Date:	2022-01-19	2022-01-19	2022-01-20	2022-01-19	2022-01-19	2022-01-20	2022-01-19	2022-01-19
Sample Type:	N	FD	N	N	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels		SDG:		SDG:		SDG:		SDG:	
VOC (µg/L)	Incident Specific Parameters	Environmental Action Levels	Groundwater Action Levels	Table D-1A	Regulatory Constituents	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:	SDG:
Ethylbenzene	700	7.3	700	None	700	700	700	0.141 U	0.141 U	0.230 U	0.141 U	0.141 U	0.141 U	0.200 U	0.200 U	0.200 U	0.200 U
m,p-Xylene	10000	13	None	None	None	None	None	0.317 U	0.317 U	0.390 U	0.317 U	0.317 U	0.317 U	0.500 U	0.500 U	0.500 U	0.500 U
Methylene chloride	5	5	5	5	5	5	5	2.15 U	2.15 U	0.440 U	2.15 U	2.15 U	2.15 U	0.400 U	0.400 U	0.400 U	0.400 U
o-Xylene	10000	13	None	None	None	None	None	0.157 U	0.157 U	0.190 U	0.157 U	0.157 U	0.157 U	0.200 U	0.200 U	0.200 U	0.200 U
Styrene	10	10	100	100	100	100	100	0.224 U	0.224 U	0.200 U	0.224 U	0.224 U	0.224 U	0.200 U	0.200 U	0.200 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	5	5	5	0.125 U	0.125 U	0.260 U	0.125 U	0.125 U	0.125 U	0.200 U	0.200 U	0.200 U	0.200 U
Toluene	1000	9.8	1000	1000	1000	1000	1000	0.120 U	0.120 U	0.280 U	0.120 U	0.120 U	0.120 U	0.200 U	0.200 U	0.200 U	0.200 U
trans-1,2-Dichloroethene	100	100	100	100	100	100	100	0.0958 U	0.0958 U	0.270 U	0.0958 U	0.0958 U	0.0958 U	0.200 U	0.200 U	0.200 U	0.200 U
Trichloroethene (TCE)	5	5	5	5	5	5	5	0.0574 U	0.0574 U	0.260 U	0.0574 U	0.0574 U	0.0574 U	0.200 U	0.200 U	0.200 U	0.200 U
Vinyl chloride	2	2	2	2	2	2	2	0.611 U	0.611 U	0.120 U	0.611 U	0.611 U	0.611 U	0.200 U	0.200 U	0.200 U	0.200 U
Xylenes, Total	10000	13	10000	10000	10000	10000	10000	--	--	--	--	--	--	0.500 U	0.500 U	0.500 U	0.500 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:	F1-KIDD5011	F1-KIDD5013	F1-KIDD5018	F1-KIDD5018	F1-KIDD5018	F1-KIDD5022	F1-KIDD5022	F1-KIDD5022	F1-MCMO5404	F1-MCMO5405
Residence:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
	5011 Kidd Street	5013 Kidd Street	5018 Kidd Street	5018 Kidd Street	5018 Kidd Street	5022 Kidd Street	5022 Kidd Street	5022 Kidd Street	5404 McMorris Drive	5405 McMorris Drive
Field Sample ID:	220119-F1-FT04	220119-F1-BT07	220118-F1-JT05	220120-F1-JT03	220120-F1-GT01	220120-F1-GT02	220119-F1-FT02	220119-F1-LT01		
Sample Date:	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-20	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	N	N	N	FD	N	N		

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: C22A041	SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: C22A044	SDG: C22A041	SDG: 2A20048_Rev
Ethylbenzene	700	7.3	700	700	0.141 U	0.200 U	0.500 U	0.141 U	0.141 U	0.141 U	0.210 U
m,p-Xylene	10000	13	None	None	0.317 U	0.500 U	0.500 U	0.317 U	0.317 U	0.317 U	0.330 U
Methylene chloride	5	5	5	5	2.15 U	0.400 U	0.500 U	2.15 U	2.15 U	2.15 U	0.303 U
o-Xylene	10000	13	None	None	0.157 U	0.200 U	0.500 U	0.157 U	0.157 U	0.157 U	0.200 U
Styrene	10	10	100	100	0.224 U	0.200 U	0.500 U	0.224 U	0.224 U	0.224 U	0.190 U
Tetrachloroethene (PCE)	5	5	5	5	0.125 U	0.200 U	0.500 U	0.125 U	0.125 U	0.125 U	0.180 U
Toluene	1000	9.8	1000	1000	0.120 U	0.200 U	0.500 U	0.120 U	0.120 U	0.120 U	0.294 U
trans-1,2-Dichloroethene	100	100	100	100	0.0958 U	0.200 U	0.500 U	0.0958 U	0.0958 U	0.0958 U	0.259 U
Trichloroethene (TCE)	5	5	5	5	0.0574 U	0.200 U	0.500 U	0.0574 U	0.0574 U	0.0574 U	0.180 U
Vinyl chloride	2	2	2	2	0.611 U	0.200 U	0.500 U	0.611 U	0.611 U	0.611 U	0.180 U
Xylenes, Total	10000	13	10000	10000	--	0.500 U	0.500 U	--	--	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-MCMO5412	F1-MCMO5423	F1-MCMO5434	F1-MCMO5434	F1-MCMO5460	F1-MCMO5464	F1-MCMO5477	F1-MCMO5486
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	5412 McMorris Drive	5423 McMorris Drive	5434 McMorris Drive	5434 McMorris Drive	5460 McMorris Drive	5464 McMorris Drive	5477 McMorris Drive	5486 McMorris Drive
Field Sample ID:	220119-F1-HT05	220119-F1-BT06	220119-F1-HT02	220119-F1-HT03	220119-F1-CT04	220119-F1-FT06	220119-F1-GT05	220120-F1-GT04
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-20
Sample Type:	N	N	N	FD	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels			
VOC (µg/L)	Incident Specific Parameters	Environmental Action Levels Table D-1A	Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	Environmental Protection Agency Maximum Contaminant Levels	SDG: 35692020_Rev3	SDG: C22A044
Ethylbenzene	700	7.3	700	700	700	700	700	700	700	0.230 U	0.141 U
m,p-Xylene	10000	13	None	None	None	None	None	None	None	0.390 U	0.317 U
Methylene chloride	5	5	5	5	5	5	5	5	5	0.440 U	2.15 U
o-Xylene	10000	13	None	None	None	None	None	None	None	0.190 U	0.157 U
Styrene	10	10	100	100	100	100	100	100	100	0.200 U	0.224 U
Tetrachloroethene (PCE)	5	5	5	5	5	5	5	5	5	0.260 U	0.125 U
Toluene	1000	9.8	1000	1000	1000	1000	1000	1000	1000	0.280 U	0.120 U
trans-1,2-Dichloroethene	100	100	100	100	100	100	100	100	100	0.270 U	0.0958 U
Trichloroethene (TCE)	5	5	5	5	5	5	5	5	5	0.260 U	0.0574 U
Vinyl chloride	2	2	2	2	2	2	2	2	2	0.120 U	0.611 U
Xylenes, Total	10000	13	10000	10000	10000	10000	10000	10000	10000	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MORE3136	F1-MORE3305	F1-MORE3309	F1-MORE3309	F1-PHAR4318	
	School	School	School	School	Residence	Residence	Residence	Residence	Residence	
	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	3136 Moreell Drive	3305 Moreell Street	3309 Moreell Street	3309 Moreell Street	4318 Pharris Place	
Field Sample ID:	220117-F1-CT06	220117-F1-DT04	220117-F1-DT05	220119-F1-AT09	220119-F1-DT07	220118-F1-FT07	220120-F1-FT01	220119-F1-CT01		
Sample Date:	2022-01-17	2022-01-17	2022-01-17	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19		
Sample Type:	N (72 Hour Stagnation) N N N N N (72 Hour Stagnation) N									

VOC (µg/L)	Incident Specific Parameters	Groundwater Action Levels	Regulatory Constituents	Contaminant Levels	SDG: DA41047	SDG: 810125401	SDG: 810125401	SDG: 810126961	SDG: C22A041	SDG: C22A039	SDG: C22A044	SDG: 810126961
Ethylbenzene	700	7.3	700	700	0.500 U	0.200 U	0.200 U	0.200 U	0.141 U	0.141 U	0.141 U	0.200 U
m,p-Xylene	10000	13	None	None	0.500 U	0.500 U	0.500 U	0.500 U	0.317 U	0.317 U	0.317 U	0.500 U
Methylene chloride	5	5	5	5	0.500 U	0.400 U	0.400 U	0.400 U	2.15 U	2.15 U	2.15 U	0.400 U
o-Xylene	10000	13	None	None	0.500 U	0.200 U	0.200 U	0.200 U	0.157 U	0.157 U	0.157 U	0.200 U
Styrene	10	10	100	100	0.500 U	0.200 U	0.200 U	0.200 U	0.224 U	0.224 U	0.224 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	0.500 U	0.200 U	0.200 U	0.200 U	0.125 U	0.125 U	0.125 U	0.200 U
Toluene	1000	9.8	1000	1000	0.500 U	0.200 U	0.200 U	0.200 U	0.120 U	0.120 U	0.120 U	0.200 U
trans-1,2-Dichloroethene	100	100	100	100	0.500 U	0.200 U	0.200 U	0.200 U	0.0958 U	0.0958 U	0.0958 U	0.200 U
Trichloroethene (TCE)	5	5	5	5	0.500 U	0.200 U	0.200 U	0.200 U	0.0574 U	0.0574 U	0.0574 U	0.200 U
Vinyl chloride	2	2	2	2	0.500 U	0.200 U	0.200 U	0.200 U	0.611 U	0.611 U	0.611 U	0.200 U
Xylenes, Total	10000	13	10000	10000	0.500 U	0.500 U	0.500 U	0.500 U	--	--	--	0.500 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-REEV4711 Residence 4711 Reeves Loop	F1-REEV4720 Residence 4720 Reeves Loop	F1-REEV4720 Residence 4720 Reeves Loop	F1-REEV4733 Residence 4733 Reeves Loop	F1-REEV4751 Residence 4751 Reeves Loop	F1-REEV4751 Residence 4751 Reeves Loop	F1-REEV4760 Residence 4760 Reeves Loop	F1-REEV4760 Residence 4760 Reeves Loop		
Field Sample ID:	220119-F1-HT07	220120-F1-HT01	220120-F1-HT02	220120-F1-LT02	220118-F1-FT05	220120-F1-FT02	220119-F1-GT01	220119-F1-GT07		
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-18	2022-01-20	2022-01-19	2022-01-19		
Sample Type:	N	N	FD	N	N	N (72 Hour Stagnation)	N	FD		

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 35692020_Rev3	SDG: C22A044	SDG: C22A044	SDG: DA41078	SDG: C22A044	SDG: 35692064_Rev	SDG: 35692064_Rev
Ethylbenzene	700	7.3	700	700	0.230 U	0.141 U	0.141 U	0.500 U	0.141 U	0.230 U	0.230 U
m,p-Xylene	10000	13	None	None	0.390 U	0.317 U	0.317 U	0.500 U	0.317 U	0.390 U	0.390 U
Methylene chloride	5	5	5	5	0.440 U	2.15 U	2.15 U	0.500 U	2.15 U	0.440 U	0.440 U
o-Xylene	10000	13	None	None	0.190 U	0.157 U	0.157 U	0.500 U	0.157 U	0.190 U	0.190 U
Styrene	10	10	100	100	0.200 U	0.224 U	0.224 U	0.500 U	0.224 U	0.200 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	0.260 U	0.125 U	0.125 U	0.500 U	0.125 U	0.260 U	0.260 U
Toluene	1000	9.8	1000	1000	0.280 U	0.120 U	0.120 U	0.500 U	0.120 U	0.280 U	0.280 U
trans-1,2-Dichloroethene	100	100	100	100	0.270 U	0.0958 U	0.0958 U	0.500 U	0.0958 U	0.270 U	0.270 U
Trichloroethene (TCE)	5	5	5	5	0.260 U	0.0574 U	0.0574 U	0.500 U	0.0574 U	0.260 U	0.260 U
Vinyl chloride	2	2	2	2	0.120 U	0.611 U	0.611 U	0.500 U	0.611 U	0.120 U	0.120 U
Xylenes, Total	10000	13	10000	10000	--	--	--	0.500 U	--	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-REEV4763	F1-ROOD4103	F1-ROOD4103	F1-ROOD4117	F1-ROOD4139	F1-ROSS4432	F1-SCOT4611	F1-SCOT4627
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	4763 Reeves Loop	4103 Rood Court	4103 Rood Court	4117 Rood Court	4139 Rood Court	4432 Ross Court	4611 Scott Loop	4627 Scott Loop
Field Sample ID:	220119-F1-DT06	220120-F1-IT01	220120-F1-IT02	220119-F1-ET04	220119-F1-DT05	220119-F1-IT05	220119-F1-ET07	220119-F1-HT06
Sample Date:	2022-01-19	2022-01-20	2022-01-20	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19
Sample Type:	N	N	FD	N	N	N	N	N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency Maximum Contaminant Levels			
Incident Specific Parameters		Groundwater Action Levels		Regulatory Constituents							
VOC (µg/L)	700	7.3	700	700	700	700	700	700	700	SDG: C22A041	SDG: C22A041
Ethylbenzene										0.141 U	0.141 U
m,p-Xylene	10000	13	None	None	None	None	None	None	None	0.317 U	0.317 U
Methylene chloride	5	5	5	5	5	5	5	5	5	2.15 U	2.15 U
o-Xylene	10000	13	None	None	None	None	None	None	None	0.157 U	0.157 U
Styrene	10	10	100	100	100	100	100	100	100	0.224 U	0.224 U
Tetrachloroethene (PCE)	5	5	5	5	5	5	5	5	5	0.125 U	0.125 U
Toluene	1000	9.8	1000	1000	1000	1000	1000	1000	1000	0.120 U	0.120 U
trans-1,2-Dichloroethene	100	100	100	100	100	100	100	100	100	0.0958 U	0.0958 U
Trichloroethene (TCE)	5	5	5	5	5	5	5	5	5	0.0574 U	0.0574 U
Vinyl chloride	2	2	2	2	2	2	2	2	2	0.611 U	0.611 U
Xylenes, Total	10000	13	10000	10000	10000	10000	10000	10000	10000	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-TAYL3400	F1-TAYL3410	F1-TAYL3410	F1-TAYL3410	F1-TAYL3440	F1-TAYL3440	F1-TAYL3454	F1-TAYL3454	F1-TAYL3465
Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
Residence:	3400 Taylor Street	3410 Taylor Street	3410 Taylor Street	3410 Taylor Street	3440 Taylor Street	3440 Taylor Street	3454 Taylor Street	3454 Taylor Street	3465 Taylor Street
Field Sample ID:	220119-F1-CT02	220118-F1-JT01	220120-F1-JT01	220119-F1-ET01	220119-F1-ET02	220118-F1-FT06	220120-F1-FT03	220119-F1-BT04	
Sample Date:	2022-01-19	2022-01-18	2022-01-20	2022-01-19	2022-01-19	2022-01-18	2022-01-20	2022-01-19	
Sample Type:	N	N	N (72 Hour Stagnation)	N	FD	N	N (72 Hour Stagnation)	N	

VOC (µg/L)	Incident Specific Parameters	DOH Environmental Action Levels Table D-1A Groundwater Action Levels	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: 810126961	SDG: DA41078	SDG: C22A044	SDG: C22A041	SDG: C22A041	SDG: DA41047	SDG: C22A044	SDG: 810126961
Ethylbenzene	700	7.3	700	700	700	0.500 U	0.141 U	0.141 U	0.141 U	0.500 U	0.141 U	0.200 U
m,p-Xylene	10000	13	None	None	0.500 U	0.500 U	0.317 U	0.317 U	0.317 U	0.500 U	0.317 U	0.500 U
Methylene chloride	5	5	5	5	0.400 U	0.500 U	2.15 U	2.15 U	2.15 U	0.500 U	2.15 U	0.400 U
o-Xylene	10000	13	None	None	0.200 U	0.500 U	0.157 U	0.157 U	0.157 U	0.500 U	0.157 U	0.200 U
Styrene	10	10	100	100	0.200 U	0.500 U	0.224 U	0.224 U	0.224 U	0.500 U	0.224 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	0.200 U	0.500 U	0.125 U	0.125 U	0.125 U	0.500 U	0.125 U	0.200 U
Toluene	1000	9.8	1000	1000	0.200 U	0.500 U	0.120 U	0.120 U	0.120 U	0.500 U	0.120 U	0.200 U
trans-1,2-Dichloroethene	100	100	100	100	0.200 U	0.500 U	0.0958 U	0.0958 U	0.0958 U	0.500 U	0.0958 U	0.200 U
Trichloroethene (TCE)	5	5	5	5	0.200 U	0.500 U	0.0574 U	0.0574 U	0.0574 U	0.500 U	0.0574 U	0.200 U
Vinyl chloride	2	2	2	2	0.200 U	0.500 U	0.611 U	0.611 U	0.611 U	0.500 U	0.611 U	0.200 U
Xylenes, Total	10000	13	10000	10000	0.500 U	0.500 U	--	--	--	0.500 U	--	0.500 U

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:										
Location Type:										
Residence:	F1-TAYL3465 Residence 3465 Taylor Street	F1-TAYL3476 Residence 3476 Taylor Street	F1-TAYL3481 Residence 3481 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-TAYL3486 Residence 3486 Taylor Street	F1-THOM4204 Residence 4204 Thomas Way	F1-THOM4222 Residence 4222 Thomas Way	F1-TOMI3189 Residence 3189 Tomich Court	
Field Sample ID:	220119-F1-BT05	220119-F1-HT04	220119-F1-FT05	220119-F1-LT02	220119-F1-LT03	220119-F1-JT07	220119-F1-BT09	220119-F1-GT04		
Sample Date:	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19	2022-01-19		
Sample Type:	FD	N	N	N	FD	N	N	N	N	

DOH			Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents		Environmental Protection Agency Maximum Contaminant Levels									
Incident Specific Parameters	Environmental Action Levels Table D-1A Groundwater Action Levels								SDG: 810126961	SDG: 35692020_Rev3	SDG: C22A041	SDG: 2A20048_Rev	SDG: 2A20048_Rev	SDG: 35692020_Rev3	SDG: 810126961	SDG: 35692020_Rev3
VOC (µg/L)	700	7.3	700	700	700	0.200 U	0.230 U	0.141 U	0.210 U	0.210 U	0.230 U	0.200 U	0.230 U	0.200 U	0.230 U	0.230 U
Ethylbenzene																
m,p-Xylene	10000	13	None	None	None	0.500 U	0.390 U	0.317 U	0.330 U	0.330 U	0.390 U	0.500 U	0.390 U	0.500 U	0.390 U	0.390 U
Methylene chloride	5	5	5	5	5	0.400 U	0.440 U	2.15 U	0.303 U	0.303 U	0.440 U	0.400 U	0.440 U	0.400 U	0.440 U	0.440 U
o-Xylene	10000	13	None	None	None	0.200 U	0.190 U	0.157 U	0.200 U	0.200 U	0.190 U	0.200 U	0.200 U	0.200 U	0.190 U	0.190 U
Styrene	10	10	100	100	100	0.200 U	0.200 U	0.224 U	0.190 U	0.190 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	5	0.200 U	0.260 U	0.125 U	0.180 U	0.180 U	0.260 U	0.200 U	0.260 U	0.200 U	0.260 U	0.260 U
Toluene	1000	9.8	1000	1000	1000	0.200 U	0.280 U	0.120 U	0.294 U	0.294 U	0.280 U	0.200 U	0.280 U	0.200 U	0.280 U	0.280 U
trans-1,2-Dichloroethene	100	100	100	100	100	0.200 U	0.270 U	0.0958 U	0.259 U	0.259 U	0.270 U	0.200 U	0.270 U	0.200 U	0.270 U	0.270 U
Trichloroethene (TCE)	5	5	5	5	5	0.200 U	0.260 U	0.0574 U	0.180 U	0.180 U	0.260 U	0.200 U	0.260 U	0.200 U	0.260 U	0.260 U
Vinyl chloride	2	2	2	2	2	0.200 U	0.120 U	0.611 U	0.180 U	0.180 U	0.120 U	0.200 U	0.120 U	0.200 U	0.120 U	0.120 U
Xylenes, Total	10000	13	10000	10000	10000	0.500 U	--	--	--	--	--	0.500 U	--	0.500 U	--	--

Residential Sampling Report for Flushing Zone
F1 Zone Residential DW Sampling
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID: F1-WARD5109 F1-WARD5117 F1-WARD5125 F1-WARD5145 F1-WARD5150 F1-WARD5155
Location Type: Residence Residence Residence Residence Residence Residence
Residence: 5109 Warden Court 5117 Warden Court 5125 Warden Court 5145 Warden Court 5150 Warden Court 5155 Warden Court

Field Sample ID: 220119-F1-IT06 220119-F1-GT02 220120-F1-GT03 220119-F1-LT06 220119-F1-AT03 220120-F1-BT03
Sample Date: 2022-01-19 2022-01-19 2022-01-20 2022-01-19 2022-01-19 2022-01-20
Sample Type: N N N N N N

		DOH		Environmental Protection Agency		DOH Safe Drinking Water Branch (SDWB)		Environmental Protection Agency Maximum Contaminant Levels			
Incident Parameters	Specific Parameters	Groundwater Action Levels	Regulatory Constituents	Table D-1A	Table D-1A	Regulatory Constituents	Regulatory Constituents	Contaminant Levels	Contaminant Levels	SDG:	SDG:
VOC (µg/L)	700	7.3	700	700	700	700	700	700	700	35692064_Rev	35692064_Rev
Ethylbenzene								0.230 U	0.230 U	0.141 U	0.200 U
m,p-Xylene	10000	13	None	None	None	None	None	0.390 U	0.390 U	0.317 U	0.500 U
Methylene chloride	5	5	5	5	5	5	5	0.440 U	0.440 U	2.15 U	0.400 U
o-Xylene	10000	13	None	None	None	None	None	0.190 U	0.190 U	0.157 U	0.200 U
Styrene	10	10	100	100	100	100	100	0.200 U	0.200 U	0.224 U	0.200 U
Tetrachloroethene (PCE)	5	5	5	5	5	5	5	0.260 U	0.260 U	0.125 U	0.200 U
Toluene	1000	9.8	1000	1000	1000	1000	1000	0.280 U	0.280 U	0.120 U	0.200 U
trans-1,2-Dichloroethene	100	100	100	100	100	100	100	0.270 U	0.270 U	0.0958 U	0.200 U
Trichloroethene (TCE)	5	5	5	5	5	5	5	0.260 U	0.260 U	0.0574 U	0.200 U
Vinyl chloride	2	2	2	2	2	2	2	0.120 U	0.120 U	0.611 U	0.200 U
Xylenes, Total	10000	13	10000	10000	10000	10000	10000	--	--	--	0.500 U
											--

March 7, 2022

From: Naval Facilities Engineering Systems Command Representative, IDWS Team
To: Interagency Drinking Water System Team

SUBJ: ZONE F1 EXCEEDANCE INVESTIGATION SUMMARY AND RESAMPLE RESULTS

Ref: (a) DoH's Guidance on the Approach to Amending the Public Health Advisory, Addendum 1 dtd 12 FEB 2022

Encl: (1) Zone F1 TOC Exceedance Sample Report
(2) Zone F1 Pearl Harbor Elementary School School Beryllium Resample Results
(3) NAVFACSYSCOM LTR to Pearl Harbor Elementary School date 07 MAR 2022
(4) DoH SVOC Sample Results for Zone F1 Distribution System and Buildings
(5) DoH TPH Sample Results for Zone F1 Distribution System and Buildings

1. Enclosure (1) contains the total organic carbon (TOC) exceedance sample report for Zone F1. There were sample results above the ISP of 2 parts per million (ppm) for total organic carbon (TOC). In regards to TOC, the IDWST determined that no further action was required beyond the long term monitoring sampling. Enclosure (2) includes the beryllium exceedance sample result at the Pearl Harbor Elementary School. The sample result was 5.7J part per billion (ppb) which is above the Safe Drinking Water Act (SDWA) maximum contaminant level (MCL) of 4 ppb. Laboratories may use data qualifiers when reporting test results. A J qualifier means that the number is an estimated concentration because something in the sample interfered with the analysis. A subsequent stagnation sample was taken at the same location and the sample result was non-detect for beryllium as shown in enclosure (2). The IDWST reviewed the data associated with Pearl Harbor Elementary School and recommended the exact location be sampled again, the building that had the beryllium exceedance be flushed again, and another sample be taken after flushing. Both samples taken were non-detect for beryllium as shown in enclosure (2). Enclosure (3) documents notification of the beryllium exceedance to the Principal of Pearl Harbor Elementary School and the letter provides information on the health effects and actions taken to date. Based on this information, the IDWST determined that no further action was required.

2. Enclosures (4) and (5) are the test results for samples taken by DoH. There were no exceedances above the MCL or exceedances above the ISP that required further action. The laboratory reports will be made publically available at <https://jbphh-safewaters.org/> upon amendment of the health advisory for Zone F1.

3. I certify under penalty of law that I have personally examined and I am familiar with the information submitted and the submitted information is true, accurate, and complete.

MENO.MICHAEL
EL.WAYNE.JR.
1088310035
Date: 2022.03.07
14:31:25 -10'00'

M. W. Meno
Captain, U.S. Navy Civil Engineer Corps

Zone F1 Exceedance Report
Multiple Events
Chemistry Results
Drinking Water Sampling, JBPHH, Oahu Hawaii

Residence:	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	4412 Clarey Boulevard	4907 Kidd Court	Building 617, PEARL HARBOR COMMISSARY	Building A13,ADMIN OFFICE	5155 Warden Court	Building 2655,FOOD/SERVICE STORES					
Field Sample ID:	220115-F1-CT04	220117-F1-CT05	220119-F1-ET06	220119-F1-FT03	220120-F1-AT05	220120-F1-BT02	220120-F1-BT03	220120-F1-ET03					
Sample Date:	2022-01-15	2022-01-17	2022-01-19	2022-01-19	2022-01-20	2022-01-20	2022-01-20	2022-01-20					
Sample Type:	N	N (72 Hour Stagnation)	N	N	N	FD	N	N					
GENCHEM (mg/L)	Incident Specific Parameters	2	DOH	DOH Safe	Environmental Protection Agency Maximum Contaminant Levels	SDG: C22A035	SDG: C22A041	SDG: C22A041	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044	SDG: C22A044
			Environmental	Drinking Water									
			Action Levels	Branch (SDWB)									
			Table D-1A	Regulatory									
			Groundwater	Constituents									
			Action Levels	None									
			None	None									
Total Organic Carbon			None	None									
			2.13	4.02	2.24	3.04	3.74	3.38	2.28	2.05			

Notes:

-- indicates that the sample was Not Analyzed for the analyte

Results highlighted yellow exceed the ISP
Results in purple font also exceed the EALs
Results in green font also exceed the DOH MCL
Results in blue font also exceed the EPA MCL

mg/L = Milligrams per Liter

Pearl Harbor Elementary School Resample for Beryllium

Chemistry Results

Drinking Water Sampling, JBPHH, Oahu Hawaii

Location ID:	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001	F1-MOAN0001
Location Type:	School	School	School	School
Residence:	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI	Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI
Field Sample ID:	220115-F1-DT03	220117-F1-DT05	F1-TW-0017726-22049-N-1	F1-TW-0017726-22050-N-1-R1
Sample Date:	2022-01-15	2022-01-17	2022-02-18	2022-02-19
Sample Type:	N	N	N	N
Sampling Point from Field Log:	Building D, Room 14, sink faucet outside	Building D, Rm.14 outdoor sink	Building D, Rm.14 outdoor sink	Bldg. D, Room 14, outdoor sink

	DOH Safe Drinking Water Branch (SDWB) Regulatory Constituents	Environmental Protection Agency Maximum Contaminant Levels	SDG: DA40952_Rev1	SDG: 810125401	SDG: DA42166	SDG: DA42205
METAL (µg/L)						
Beryllium	4	4	5.70 J	0.0830 U	0.150 U	0.150 U

Notes:

-- indicates that the sample was Not Analyzed for the analyte

Results highlighted yellow exceed the ISP

Results in purple font also exceed the EALs

Results in green font also exceed the DOH MCL

Results in blue font also exceed the EPA MCL

Results from G1/G3 sampling, where the G3 result is greater than the G1 result, have a red border and the associated G1/G3 result in parentheses for comparison

µg/L = Micrograms per Liter



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND, HAWAII
400 MARSHALL ROAD
JBPHH HI 96860-3139

11330
Ser 00/00150
March 7, 2022

State of Hawaii Department of Education
Pearl Harbor Elementary School
Attn: Mr. Shannon Tamashiro, Principal
1 Moanalua Ridge
Honolulu, Hawaii 96818

Dear Mr. Tamashiro,

SUBJECT: MAXIMUM CONTAMINANT LEVEL EXCEEDANCE OF BERYLLIUM IN
DRINKING WATER AT PEARLHARBOR ELEMENTARY SCHOOL

1. This letter follows up previous verbal notification that there was a maximum contaminant level (MCL) exceedance of beryllium in a drinking water sample collected at Pearl Harbor Elementary School (PHES) on January 15, 2022. Per Title 40 of the Code of Federal Regulations (CFR), Section 141.23, the MCL for beryllium is 4 parts per billion (ppb). The level detected in PHES drinking water was 5.7 ppb. The sample was collected in Building D, Room 14 at the outside sink.

a. **What Is Beryllium.** Beryllium is a naturally occurring metal in soils, ground water, and surface waters. Uses include electrical components and consumer products, such as televisions, calculators, and personal computers.

b. **How Can it Affect My Health.** Beryllium has been associated with damage to bones and lungs and induction of cancer in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. There is limited evidence to suggest that beryllium may pose a cancer risk via drinking water exposure. The EPA based the health assessment on non-cancer effects with an extra uncertainty factor to account for possible carcinogenicity.

c. **What This Means.** PHES does not need to get an alternative water source at this time. Naval Facilities Engineering Systems Command Hawaii (NAVFAC HI) has already taken confirmation samples on January 17, 2022, February 18, 2022, and February 19, 2022. All confirmation sample results were non-detect for beryllium; supporting that the initial exceedance was a premise plumbing issue and not related to the distribution system. However, Department of Education (DOE) is encouraged to further investigate if there are remaining concerns.

2. PHES is part of the Red Hill Drinking Water Long Term Monitoring Program. For the next two years, PHES water will be sampled approximately 6 times over the next two years. NAVFAC HI will assist DOE by providing guidance and additional testing. For more information, please contact my POC, Sherri Eng at 808-471-3858 or at sherri.r.eng.civ@us.navy.mil.

3. The Navy supplied drinking water to PHES has tested safe for Beryllium in the Navy distribution lines and did not have any MCL exceedances.
4. Please ensure this information is appropriately shared with staff and water users.

Sincerely,



J. G. MEYER
Captain, CEC, U.S. Navy
Commanding Officer

Copy to: Ms. Joan Corrigan, SDWB Compliance and Enforcement Section

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-16-02	Radford Dr	Namur Rd	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Bromachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Mollinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Phenanthrene	0.006	J	J	ug/L	Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-16-02	Radford Dr	Namur Rd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diethylphthalate	0.17	J		ug/L	Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diethylphthalate	0.14	J	J	ug/L	Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Butylbenzophthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diethylphthalate	0.089	J	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	1-Methylnaphthalene	0.023		NJ	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	2,6-Dinitrotoluene	0.034		NJ	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(a)anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(b)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(g,h,i)perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Benzo(k)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dibenz(a,h)anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diethylphthalate	0.19	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-n-Butylphthalate	0.11	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Naphthalene	0.077	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Phenanthrene	0.009	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diethylphthalate	0.35	J	J	ug/L	Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Bromacl	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diethylphthalate	0.14	BMJ	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/14/2022	011422-48-04	Asher Ct	Taylor St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/14/2022	011422-48-04	Asher Ct	Taylor St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U(BM)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.099	J	J	ug/L	Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Indeno[1,2,3-c,d]Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Benzok(Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorothalonil(Dracofil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U(BM)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDO	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Benzok(1)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Butaclor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chloronéb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.089	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	0.060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.087	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Di-n-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Phenanthrene	0.0060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Anthracene	0.0050	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzo(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Bromachl	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chloronob	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diethylphthalate	0.046	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.10	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Phenanthrene	0.0070	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chloronob	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diethylphthalate	0.046	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-n-Butylphthalate	0.12	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Phenanthrene	0.0060	J	J	ug/L	Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-04	Moanalua Ridge		Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/17/2022	011722-16-04	Moanalua Ridge		Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/17/2022	011722-16-04	Moanalua Ridge		Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	1-Methylnaphthalene	ND			ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Benz(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-(2-Ethylhexyl)adipate	ND	U(L,E,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di(2-Ethylhexyl)phthalate	0.44	LE,BM,J	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	2-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U(LE, BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Methoxychlor	ND	U(M1)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benzo(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Butylbenzylphthalate	0.063	J	J	ug/L	Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U(LEBM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-03	Taylor St	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Merribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-03	Taylor St	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benz(o,g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Benzok(Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorothalonil(Dracofil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di(2-Ethylhexyl)phthalate	0.29	LE,BM,J	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Indeno[1,2,3,c,d]Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-04	Moreell St	Moreell Dr	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	2-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-(2-Ethylhexyl)adipate	ND	U(LE,BM)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-24-05	Bennion	Namur Rd	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Pernmethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-24-05	Bennion	Namur Rd	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Atrazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benz(o,g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Benzok(1)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-(2-Ethylhexyl)phthalate	0.19	U(LE,BM)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Simazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Terbutylazine	ND	U(LK)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	1-Methylnaphthalene	NI			ug/L	Not Identified	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	2,6-Dinitrotoluene	NI			ug/L	Not Identified	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Alachlor-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Benzok(1)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chloronob	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U(LE:BM)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di(2-Ethylhexyl)phthalate	ND	U(LE)	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Heptachlor Epoxide (Isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Simazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benzo(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-(2-Ethylhexyl)phthalate	0.69 Detected	U		ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diethrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endrin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	EPTC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Lindane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Malathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Molinate	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Parathion	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Simazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benz(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Benzo(k)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Bromachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chloronab	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di(2-Ethylhexyl)phthalate	0.40	J	J	ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Diethylphthalate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dimethoate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-n-Butylphthalate	0.10	J	J	ug/L	Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Di-N-octylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Heptachlor Epoxide (isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Indeno(1,2,3-c,d)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Napthalene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Terbutylazine	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Thiobencarb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-25-02	Valkenburgh St.	Hennley St	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Non-Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	1-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDO	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,4-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2,6-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	2-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	4,4-DDO	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	4,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acenaphthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acenaphthylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Acetochlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Alachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Alpha-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	alpha-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Atrazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(a)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(a)pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(b)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(g,h,i)Perylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Benz(k)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Bromacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorobenz	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di(2-Ethylhexyl)phthalate	0.39	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diethylphthalate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dimethoate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-n-Butylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Di-N-octylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Heptachlor Epoxide (Isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Indeno(1,2,3-c,d)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Naphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Terbuthylazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Thiobencarb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	1-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,4-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2,6-Dinitrotoluene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	2-Methylnaphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDD	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDE	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	4,4-DDT	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acenaphthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acenaphthylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Acetochlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Alachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Alpha-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	alpha-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Atrazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(a)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(a)pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(b)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(g,h,i)Perylene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Benz(k)Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Beta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Bromacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Butachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Butylbenzylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Caffeine by method 525mod	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorobenzilate	ND	U	UJ	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorobenz	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chlorpyrifos (Dursban)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Chrysene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Delta-BHC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di(2-Ethylhexyl)phthalate	0.78	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diazinon (Qualitative)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dibenz(a,h)Anthracene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dichlorvos (DDVP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dieldrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dimethoate	ND	U(LK, R7)	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Dimethylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-n-Butylphthalate	0.087	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Di-N-octylphthalate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan I (Alpha)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan II (Beta)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endosulfan Sulfate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endrin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Endrin Aldehyde	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	EPTC	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Fluoranthene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Fluorene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	gamma-Chlordane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Heptachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Hexachlorobenzene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Hexachlorocyclopentadiene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Indeno(1,2,3-cd)Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Isophorone	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Lindane	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Malathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Methoxychlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Metolachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Metribuzin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Molinate	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Naphthalene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Parathion	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Pendimethalin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Permethrin (mixed isomers)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Phenanthrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Propachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Pyrene	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Simazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Terbacil	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Terbutylazine	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Thiobencarb (ELAP)	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Trans-Nonachlor	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Trifluralin	ND	U	UJ	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benzol(g,h)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chloronene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di(2-Ethylhexyl)phthalate	0.23	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzol(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diethylphthalate	ND	U(LK,R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Indeno(1,2,3,cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benz(b)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benzol(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Benzol(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorothalonil (Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diethylphthalate	ND	U(LK, R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Indeno(1,2,3,c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Molinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Terbacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	1-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	2-Methylnaphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Acetochlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Alachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Atrazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(g,h,i)Perylene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Benzo(k)Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Bromacil	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Butachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Caffeine by method 525mod	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chloroneb	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorothalonil(Draconil,Bravo)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chlorpyrifos (Dur sban)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Chrysene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-(2-Ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di(2-Ethylhexyl)phthalate	0.36	J	J	ug/L	Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dieldrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diethylphthalate	ND	U(LK,R7)	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dimethoate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endrin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	EPTC	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Fluorene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Heptachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Indeno(1,2,3-cd)Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Isophorone	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Lindane	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Malathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Metolachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Metribuzin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Mollinate	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Naphthalene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Parathion	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Phenanthrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Propachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Pyrene	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Simazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Terbutylazine	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Residential
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Trifluralin	ND	U	U	ug/L	Not Detected	F1	Residential
1/5/2022	Zone F-1 Distribution	Kidd St.	Kidd St.	1-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,4-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			2,6-Dinitrotoluene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			4-Methylnaphthalene	NI	U	U	ug/L	Not Identified	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDD	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDE	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			4,4-DDT	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acenaphthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acenaphthylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Acetochlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Alachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Alpha-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			alpha-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Atrazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benz(a)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/5/2022	Zone F-1 Distribution			Benzo(a)pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(b)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(g,h,i)perylene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Benzo(k)fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Beta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Bromacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Butachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Butylbenzylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Caffeine by method 525mod	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorobenzilate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chloroneb	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorothalonil(Draconil, Bravo)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chlorpyrifos (Dursban)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Chrysene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Delta-BHC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-(2-ethylhexyl)adipate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-(2-Ethylhexyl)phthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Diazinon (Qualitative)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dibenz(a,h)Anthracene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dichlorvos (DDVP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dieldrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Diethylphthalate	ND	U(BM)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dimethoate	ND	U(R7)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Dimethylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-n-Butylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Di-N-octylphthalate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan I (Alpha)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan II (Beta)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endosulfan Sulfate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endrin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Endrin Aldehyde	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			EPTC	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Fluoranthene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Fluorene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			gamma-Chlordane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Heptachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Heptachlor Epoxide (isomer B)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Hexachlorobenzene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Hexachlorocyclopentadiene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Indeno(1,2,3-c,d)Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Isophorone	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Lindane	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Malathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Methoxychlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Metolachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Metribuzin	ND	U(LE)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Molinate	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Naphthalene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Parathion	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Pendimethalin	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Permethrin (mixed isomers)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Phenanthrene	ND	U(BM)	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Propachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Pyrene	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Simazine	ND	U	U	ug/L	Not Detected	F1	Distribution

DOH SVOC-Results
Navy Water System Incident
Red Hill, Post-Flushing, Flushing Area F1

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type
1/5/2022	Zone F-1 Distribution			Terbacil	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Terbuthylazine	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Thiobencarb (ELAP)	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			trans-Nonachlor	ND	U	U	ug/L	Not Detected	F1	Distribution
1/5/2022	Zone F-1 Distribution			Trifluralin	ND	U	U	ug/L	Not Detected	F1	Distribution

Bold= Detects

Exceeds Incident Specific Parameter (ISP)

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/5/2022	Zone F-1 Distribution			C8-C44	62		J+	ug/L	Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/14/2022	011422-48-01	FH 28A corner of Kidd St		TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	C8-C44	52	J+	U	ug/L	Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	TPH-g	33	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	C8-C44	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	C8-C44	58	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	C8-C44	56	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	C8-C44	49	J	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	C8-C44	54	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	C8-C44	45	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Section 2b.3 Exceedance Investigation Summary and Resample Results

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	C8-C44	37	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Moreell Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	C8-C44	42	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	TPH as Gas	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	TPH-g	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	TPH-g	64	B,J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	C8-C44	47	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	TPH-g	67	B,J	UJ	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	C8-C44	44	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	C8-C44	39	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	TPH as Gas	77	B,J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	TPH as Gas	77	J,B	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct	Moreell Dr	TPH-g	78	J,B,J	UJ	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Moreell St.	Moreell Dr	C8-C44	64	B,J	UJ	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diesel Range Organics (DRO)-C10-C28	51	J+	J+	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	TPH as Gas	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/5/2022	Zone F-1 Distribution			C8-C44	62		J+	ug/L	Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/5/2022	Zone F-1 Distribution			TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	Not Noted	Not Noted
1/14/2022	011422-48-01	FH 28A corner of Kidd St		TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-01	FH 28A corner of Kidd St		Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	C8-C44	52	J+	U	ug/L	Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-02	Bennion Ct	Bennion Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	C8-C44	48	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-03	Flaherty Cir	Pharris Pl	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	TPH-g	33	J	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	C8-C44	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/14/2022	011422-48-04	Asher Ct	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/15/2022	011522-43-03	Moanalua Rdg	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	C8-C44	58	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	C8-C44	56	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-10-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	C8-C44	49	J	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-02	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	C8-C44	54	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-03	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	C8-C44	52	J+	U	ug/L	Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/17/2022	011722-16-04	Moanalua Ridge	Warden Ave	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	C8-C44	45	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Section 2b.3 Exceedance Investigation Summary and Resample Results

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-01	Fuqua Ln	Warden Ct	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-02	Reeves Lp	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	C8-C44	37	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-03	Taylor St	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	C8-C44	41	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-04	Moreell St	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Moreell Dr	TPH-g	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	C8-C44	42	J	J	ug/L	Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-24-05	Bennion	Namur Rd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-03	Bougainville Dr	Hennley St	TPH as Gas	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	TPH-g	ND	U	U	ug/L	Not Detected	F1	Non-Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	C8-C44	33	J	J	ug/L	Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/18/2022	011822-34-04	Bougainville Dr	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	Not Noted	Not Noted
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	TPH-g	64	B,J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	C8-C44	47	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-01	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	TPH-g	67	B,J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	C8-C44	44	J	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-25-02	Valkenburgh St	Hennley St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Non-Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	C8-C44	39	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St.	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St	Radford Dr	TPH as Gas	77	B,J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-01	Taylor St	Radford Dr	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-03	Kidd St.	Kidd St.	TPH as Gas	77	J,B	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	C8-C44	43	J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct.	Taylor St	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Asher Ct	Moreell Dr	TPH-g	78	J,B,J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-51-02	Moreell St.	Moreell Dr	C8-C44	64	B,J	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Diesel Range Organics (DRO)-C10-C28	51	J+	U	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-01	Moreell St.	Moreell Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No

Date Collected	Location Name	Street Name	Closest Cross Street	Analyte	Results	Lab Qualifier	Validator Qualifier	Results Unit	Results Category	Zone	Feature Type	Sheen Present	Odor
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	TPH-g	82	B,J	UJ	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	C8-C44	57	U	J+	ug/L	Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-02	Reeves Lp.	Radford Dr	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	No
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	TPH-g	71	B,J	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	C8-C44	42	J	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/20/2022	012022-49-03	Taylor Street	Thomas Wy	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Residential	No	none
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	C8-C44	47	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-02	Fuqua Lane	Warden Ct	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	C8-C44	43	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-25-03	Radford Dr	Clarey Blvd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	TPH-g	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	C8-C44	46	J	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Diesel Range Organics (DRO)-C10-C28	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Gas Range Organics C8-C10	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR
1/13/2022	011322-16-02	Radford drive	Namur Rd	Oil Range Organics (C28-C40)	ND	U	U	ug/L	Not Detected	F1	Distribution	No	NO ODOR

Bold= Detects
Exceeds Incident Specific Parameter (ISP)



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND, HAWAII
400 MARSHALL ROAD
JBPHH, HAWAII 96860-3139

11000
Ser PWO/0094
February 19, 2022

Interagency Drinking Water System Team

**SUBJECT: CERTIFICATION OF IRRIGATION LINE FLUSHING – JOINT BASE
PEARL HARBOR-HICKAM - ZONE F1**

On behalf of the United States Department of the Navy, operator of the Joint Base Pearl Harbor-Hickam Public Water System (PWS ID No. 360 Water System), and in connection with and pursuant to the removal action required by the DOH Hazard Evaluation and Emergency Response Office Incident Case No. 20211128-1848, the undersigned certifies that the Navy has made all necessary inquiry into their Water System and represents and warrants as set forth below.

Landscape irrigation systems in Zone F1, generally known as Moanalua Terrace and the Navy and Marine Corps Golf Course, have been operated and flushed following Dept. of Health guidance, and subsequent to the approved distribution line flushing conducted in December, 2021.

The undersigned has due authority to deliver this Certification on behalf of the Navy.

Sincerely,

HARMEYER.RANDALL
.ERNEST.1186692663

Digitally signed by
HARMEYER.RANDALL.ERNEST.11
86692663
Date: 2022.02.19 07:35:22 -10'00'

R. E. HARMEYER
Captain, CEC, U.S. Navy
Public Works Officer
By Direction
of the Commanding Officer

DOH Guidance for Active Irrigation Line Purging and Flushing

Given the minimal quantities and concentration of fuel contamination in the irrigation lines, along with the expected degradation due to time, the following guidance lines are being provided:

System operator responsibility:

- Determine what the irrigation system pipe size is (for volume calculations).
- Calculate the approximate amount of time needed to complete 3 volumetric turnovers of the subject line (est. duration per foot).
- Assess how long each line will need to be purged/flushed based on the above estimates.
- Notify community.
- Cover or otherwise minimize any spray from the system (traffic cone) in order to prevent contact.
- Purge irrigation system under supervision for the estimated duration.
- Allow ground to absorb and dry.
- Notify residents to avoid area for the next 24 hours.
- Prevent/minimize any runoff.
- Prevent contact with the irrigation water.

Navy/Army must develop a standard operating procedure incorporating the above guidance and provide training to personnel responsible for execution of the irrigation line purging/flushing.