

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID: F2-ARIZ2774							
		Location Type: Residence							
		Address: 2774 Arizona Road							
		Field Sample ID:	F2-TW-0010776-22340-N	F2-TW-0010776-22340-N-1	F2-TW-0010776-22340-N-2	F2-TW-0010776-22340-N-3	F2-TW-0010776-22340-N-4	F2-TW-0010776-22340-N-R1	
		Sample Date:	2023-01-25	2023-02-08	2023-02-08	2023-02-08	2023-02-08	2023-02-08	2023-02-08
		Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	130	500-540	500-540	500-540	500-540	500-540
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	200	--	--	--	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	--	--	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	--	--	--	--
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	--	--	--	--	--
	Petroleum Hydrocarbons, Total	266	ISP	ND	--	--	--	--	--
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	ND	2.00	2.10	2.10	2.10	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	1.90	2.00	2.00	1.90	2.10
	Copper	1300	MCL	126	6.70	4.10	3.20	2.70	4.20
	Lead	15	MCL	23.9 §	1.00	0.650	0.200	0.320	0.660
	Mercury	2	MCL	ND	--	--	--	--	--
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	--	--	--	--	--
	2-Methylnaphthalene	10	EAL	ND	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	--	--	--	--	--
	Naphthalene	17	EAL	ND	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	--	--	--	--	--
	1,1,2-Trichloroethane	5	MCL	ND	--	--	--	--	--
	1,1-Dichloroethene	7	MCL	ND	--	--	--	--	--

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID: F2-ARIZ2774							
		Location Type: Residence							
		Address: 2774 Arizona Road							
		Field Sample ID:	F2-TW-0010776-22340-N	F2-TW-0010776-22340-N-1	F2-TW-0010776-22340-N-2	F2-TW-0010776-22340-N-3	F2-TW-0010776-22340-N-4	F2-TW-0010776-22340-N-R1	
		Sample Date:	2023-01-25	2023-02-08	2023-02-08	2023-02-08	2023-02-08	2023-02-08	
		Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	--	--	--	--	--
	1,2-Dichlorobenzene	600	MCL	ND	--	--	--	--	--
	1,2-Dichloroethane	5	MCL	ND	--	--	--	--	--
	1,2-Dichloroethene (Total)	70	MCL	ND	--	--	--	--	--
	1,2-Dichloropropane	5	MCL	ND	--	--	--	--	--
	1,4-Dichlorobenzene	75	MCL	ND	--	--	--	--	--
	Benzene	5	MCL	ND	--	--	--	--	--
	Carbon Tetrachloride	5	MCL	ND	--	--	--	--	--
	Chlorobenzene	100	MCL	ND	--	--	--	--	--
	cis-1,2-Dichloroethene	70	MCL	ND	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	--	--	--	--	--
	m,p-Xylene	--	--	ND	--	--	--	--	--
	Methylene chloride	5	MCL	ND	--	--	--	--	--
	o-Xylene	--	--	ND	--	--	--	--	--
	Styrene	100	MCL	ND	--	--	--	--	--
	Tetrachloroethene (PCE)	5	MCL	ND	--	--	--	--	--
	Toluene	1000	MCL	ND	--	--	--	--	--
	trans-1,2-Dichloroethene	100	MCL	ND	--	--	--	--	--
	Trichloroethene (TCE)	5	MCL	ND	--	--	--	--	--
	Vinyl chloride	2	MCL	ND	--	--	--	--	--
Xylenes, Total	10000	MCL	ND	--	--	--	--	--	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	--	--	--	--	--
	Chloroacetic acid	--	--	ND	--	--	--	--	--
	Dibromoacetic acid	--	--	ND	--	--	--	--	--
	Dichloroacetic acid	--	--	ND	--	--	--	--	--

**Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID: F2-ARIZ2774							
		Location Type: Residence							
		Address: 2774 Arizona Road							
		Field Sample ID:	F2-TW-0010776-22340-N	F2-TW-0010776-22340-N-1	F2-TW-0010776-22340-N-2	F2-TW-0010776-22340-N-3	F2-TW-0010776-22340-N-4	F2-TW-0010776-22340-N-R1	
		Sample Date:	2023-01-25	2023-02-08	2023-02-08	2023-02-08	2023-02-08	2023-02-08	
		Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	--	--	--
	Bromoform	--	--	ND	--	--	--	--	--
	Chloroform	--	--	ND	--	--	--	--	--
	Dibromochloromethane	--	--	ND	--	--	--	--	--
	Total Trihalomethanes	80	MCL	ND	--	--	--	--	--

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-ANDE2837	F2-ANDE2842	F2-ANDE2863	F2-ANDE3007	F2-ANDE3083	F2-ARIZ2764		F2-ARIZ2808
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	2837 Anderson Avenue	2842 Anderson Avenue	2863 Anderson Avenue	3007 Anderson Avenue	3083 Anderson Avenue	2764 Arizona Road		2808 Arizona Road
				Field Sample ID:	F2-TW-0010746-22340-N	F2-TW-0010749-22340-N	F2-TW-0010754-22340-N	F2-TW-0009609-22340-N	F2-TW-0010767-22340-N	F2-TW-0010771-22340-3-N	F2-TW-0010771-22340-N	F2-TW-0010788-22340-N
				Sample Date:	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	410	480	450	420	490	510	510	450	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.120	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.00	2.00	2.00	2.20	2.30	2.00	2.10	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.70	1.90	1.80	2.60	1.70	1.80	1.80	1.80	
	Copper	1300	MCL	6.10	10.6	14.4	9.20	9.00	7.30	6.10	6.90	
	Lead	15	MCL	0.150	0.190	0.170	0.400	0.410	0.250	0.220	0.190	
	Mercury	2	MCL	ND	0.0520	ND	0.0340	ND	0.0350	0.0370	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0630	0.0520	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-ANDE2837	F2-ANDE2842	F2-ANDE2863	F2-ANDE3007	F2-ANDE3083	F2-ARIZ2764		F2-ARIZ2808
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	2837 Anderson Avenue	2842 Anderson Avenue	2863 Anderson Avenue	3007 Anderson Avenue	3083 Anderson Avenue	2764 Arizona Road		2808 Arizona Road
				Field Sample ID:	F2-TW-0010746-22340-N	F2-TW-0010749-22340-N	F2-TW-0010754-22340-N	F2-TW-0009609-22340-N	F2-TW-0010767-22340-N	F2-TW-0010771-22340-3-N	F2-TW-0010771-22340-N	F2-TW-0010788-22340-N
				Sample Date:	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-ANDE2837	F2-ANDE2842	F2-ANDE2863	F2-ANDE3007	F2-ANDE3083	F2-ARIZ2764		F2-ARIZ2808
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					2837 Anderson Avenue	2842 Anderson Avenue	2863 Anderson Avenue	3007 Anderson Avenue	3083 Anderson Avenue	2764 Arizona Road		2808 Arizona Road
					F2-TW-0010746-22340-N	F2-TW-0010749-22340-N	F2-TW-0010754-22340-N	F2-TW-0009609-22340-N	F2-TW-0010767-22340-N	F2-TW-0010771-22340-3-N	F2-TW-0010771-22340-N	F2-TW-0010788-22340-N
					2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25	2023-01-25
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.290	ND	0.280	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.00	0.560	1.10	0.860	0.760	0.500	0.460	0.410	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.760	0.450	0.860	0.690	0.530	0.390	0.380	0.310	
	Total Trihalomethanes	80	MCL	2.05	1.01	2.24	1.55	1.29	0.890	0.840	0.720	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-ARIZ2844	F2-ARIZ2911	F2-ARIZ3029	F2-ARIZ3030		F2-BENF5404	F2-BENF5413	F2-BENF5420	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	2844 Arizona Road	2911 Arizona Road	3029 Arizona Road	3030 Arizona Road		5404 Benfold Lane	5413 Benfold Lane	5420 Benfold Lane	
		Field Sample ID:	F2-TW-0010999-22340-N	F2-TW-0011021-22340-N	F2-TW-0011034-22340-N	F2-TW-0011035-22340-3-N	F2-TW-0011035-22340-N	F2-TW-0011050-22340-N	F2-TW-0011054-22340-N	F2-TW-0011058-22340-N	
		Sample Date:	2023-01-25	2023-01-26	2023-04-07	2023-04-07	2023-04-07	2023-01-26	2023-04-07	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	500	490	280	400	400	420	440	370
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	78.9	ND	ND	ND	64.1	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	78.9	ND	ND	ND	64.1	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.10	1.90	2.00	2.00	2.00	1.90	9.70
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.60	1.20	1.40	1.40	1.90	1.30	1.70
	Copper	1300	MCL	8.00	2.00	4.80	13.8	9.40	13.3	20.6	23.6
	Lead	15	MCL	0.150	ND	ND	0.400	0.420	0.200	0.990	0.290
	Mercury	2	MCL	0.0400	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0120	ND	ND	ND	ND	0.0100	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-ARIZ2844	F2-ARIZ2911	F2-ARIZ3029	F2-ARIZ3030		F2-BENF5404	F2-BENF5413	F2-BENF5420
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	2844 Arizona Road	2911 Arizona Road	3029 Arizona Road	3030 Arizona Road		5404 Benfold Lane	5413 Benfold Lane	5420 Benfold Lane
		Field Sample ID:	F2-TW-0010999-22340-N	F2-TW-0011021-22340-N	F2-TW-0011034-22340-N	F2-TW-0011035-22340-3-N	F2-TW-0011035-22340-N	F2-TW-0011050-22340-N	F2-TW-0011054-22340-N	F2-TW-0011058-22340-N
		Sample Date:	2023-01-25	2023-01-26	2023-04-07	2023-04-07	2023-04-07	2023-01-26	2023-04-07	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-ARIZ2844	F2-ARIZ2911	F2-ARIZ3029	F2-ARIZ3030		F2-BENF5404	F2-BENF5413	F2-BENF5420
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	2844 Arizona Road	2911 Arizona Road	3029 Arizona Road	3030 Arizona Road		5404 Benfold Lane	5413 Benfold Lane	5420 Benfold Lane
		Field Sample ID:	F2-TW-0010999-22340-N	F2-TW-0011021-22340-N	F2-TW-0011034-22340-N	F2-TW-0011035-22340-3-N	F2-TW-0011035-22340-N	F2-TW-0011050-22340-N	F2-TW-0011054-22340-N	F2-TW-0011058-22340-N
		Sample Date:	2023-01-25	2023-01-26	2023-04-07	2023-04-07	2023-04-07	2023-01-26	2023-04-07	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	0.350	ND	ND
	Bromoform	--	--	0.430	0.410	0.420	0.710	1.20	0.290	0.430
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.310	0.300	0.310	0.520	0.830	0.280	0.290
	Total Trihalomethanes	80	MCL	0.740	0.710	0.730	1.23	2.38	0.570	0.720

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-BRID3069	F2-BRID3084	F2-CATL5210	F2-CATL5213	F2-CATL5222	F2-CATL5284	F2-CATL5321	F2-COLE4105	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3069 Bridges Street	3084 Bridges Street	5210 Catlin Lane	5213 Catlin Lane	5222 Catlin Lane	5284 Catlin Lane	5321 Catlin Lane	4105 Colegrove Street	
		Field Sample ID:	F2-TW-0011071-22340-N	F2-TW-0011076-22340-N	F2-TW-0011079-22340-N	F2-TW-0011081-22340-N	F2-TW-0011088-22340-N	F2-TW-0011107-22340-N	F2-TW-0011124-22340-N	F2-TW-0011125-22340-N	
		Sample Date:	2023-03-09	2023-01-26	2023-03-09	2023-03-13	2023-04-07	2023-04-21	2023-04-07	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	470	510	480	400	240	480	410	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	60.1	ND	52.4	65.1	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	60.1	ND	52.4	65.1	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.110	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.20	1.98	2.00	2.10	2.00	2.10	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.42	1.90	1.31	1.90	1.50	1.50	1.40	1.70
	Copper	1300	MCL	6.65	2.80	13.3	6.30	16.4	23.5	21.4	7.90
	Lead	15	MCL	ND	ND	0.479	0.250	0.460	0.130	0.540	0.290
	Mercury	2	MCL	ND	ND	ND	0.0510	ND	ND	ND	ND
	Selenium	50	MCL	1.47	ND	1.16	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	0.0590	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0100	ND	ND	0.0160	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	1.10	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-BRID3069	F2-BRID3084	F2-CATL5210	F2-CATL5213	F2-CATL5222	F2-CATL5284	F2-CATL5321	F2-COLE4105	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3069 Bridges Street	3084 Bridges Street	5210 Catlin Lane	5213 Catlin Lane	5222 Catlin Lane	5284 Catlin Lane	5321 Catlin Lane	4105 Colegrove Street	
		Field Sample ID:	F2-TW-0011071-22340-N	F2-TW-0011076-22340-N	F2-TW-0011079-22340-N	F2-TW-0011081-22340-N	F2-TW-0011088-22340-N	F2-TW-0011107-22340-N	F2-TW-0011124-22340-N	F2-TW-0011125-22340-N	
		Sample Date:	2023-03-09	2023-01-26	2023-03-09	2023-03-13	2023-04-07	2023-04-21	2023-04-07	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-BRID3069	F2-BRID3084	F2-CATL5210	F2-CATL5213	F2-CATL5222	F2-CATL5284	F2-CATL5321	F2-COLE4105
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	0.740	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-BRID3069	F2-BRID3084	F2-CATL5210	F2-CATL5213	F2-CATL5222	F2-CATL5284	F2-CATL5321	F2-COLE4105
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3069 Bridges Street	3084 Bridges Street	5210 Catlin Lane	5213 Catlin Lane	5222 Catlin Lane	5284 Catlin Lane	5321 Catlin Lane	4105 Colegrove Street
		Field Sample ID:	F2-TW-0011071-22340-N	F2-TW-0011076-22340-N	F2-TW-0011079-22340-N	F2-TW-0011081-22340-N	F2-TW-0011088-22340-N	F2-TW-0011107-22340-N	F2-TW-0011124-22340-N	F2-TW-0011125-22340-N
		Sample Date:	2023-03-09	2023-01-26	2023-03-09	2023-03-13	2023-04-07	2023-04-21	2023-04-07	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	0.740	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	1.10	ND	ND	ND	ND	ND
	Bromoform	--	--	0.440	3.00	1.00	0.640	8.20	0.920	0.940
	Chloroform	--	--	ND	0.600	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.460	2.80	0.570	0.520	0.920	0.680	0.570
	Total Trihalomethanes	80	MCL	0.900	7.50	1.57	1.16	9.12	1.60	1.51

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-CURT3007	F2-CURT3019		F2-DALY3041	F2-DEWE0567	F2-DEWE3213	F2-DEWE3222	F2-DICK0578	
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	3007 Curtis Drive	3019 Curtis Drive		3041 Daly Drive	567 Dewert Court	3213 Dewert Lane	3222 Dewert Lane	578 Dickson Lane	
		Field Sample ID:	F2-TW-0011135-22340-N	F2-TW-0011141-22340-3-N	F2-TW-0011141-22340-N	F2-TW-0011142-22340-N	F2-TW-0011150-22340-N	F2-TW-0011156-22340-N	F2-TW-0011163-22340-N	F2-TW-0011179-22340-N	
		Sample Date:	2023-03-13	2023-02-07	2023-02-07	2023-03-09	2023-01-26	2023-04-07	2023-01-26	2023-03-09	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	250	480	480	360	430	400	90.0	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.1	ND	ND	69.1	ND	ND	ND	57.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	63.1	ND	ND	69.1	ND	ND	ND	57.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	1.90	2.06	2.00	2.00	2.00	1.92
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.10	1.40	1.60	1.33	1.60	1.20	1.60	1.35
	Copper	1300	MCL	30.0	29.6	41.5	32.8	8.70	28.3	9.70	9.71
	Lead	15	MCL	ND	0.190	0.220	ND	0.190	1.20	0.250	0.473
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	1.18	ND	ND	ND	1.26
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	0.570	ND	ND	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-CURT3019		F2-DALY3041	F2-DEWE0567	F2-DEWE3213	F2-DEWE3222	F2-DICK0578																													
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence	Residence																										
				F2-CURT3007	3007 Curtis Drive	F2-TW-0011135-22340-N	2023-03-13	N (Normal)	3019 Curtis Drive	F2-TW-0011141-22340-3-N	2023-02-07	FD (Field Duplicate)	F2-TW-0011141-22340-N	2023-02-07	N (Normal)	3041 Daly Drive	F2-TW-0011142-22340-N	2023-03-09	N (Normal)	567 Dewert Court	F2-TW-0011150-22340-N	2023-01-26	N (Normal)	3213 Dewert Lane	F2-TW-0011156-22340-N	2023-04-07	N (Normal)	3222 Dewert Lane	F2-TW-0011163-22340-N	2023-01-26	N (Normal)	578 Dickson Lane	F2-TW-0011179-22340-N	2023-03-09	N (Normal)					
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-CURT3007	F2-CURT3019		F2-DALY3041	F2-DEWE0567	F2-DEWE3213	F2-DEWE3222	F2-DICK0578
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	3007 Curtis Drive	3019 Curtis Drive		3041 Daly Drive	567 Dewert Court	3213 Dewert Lane	3222 Dewert Lane	578 Dickson Lane
		Field Sample ID:	F2-TW-0011135-22340-N	F2-TW-0011141-22340-3-N	F2-TW-0011141-22340-N	F2-TW-0011142-22340-N	F2-TW-0011150-22340-N	F2-TW-0011156-22340-N	F2-TW-0011163-22340-N	F2-TW-0011179-22340-N
		Sample Date:	2023-03-13	2023-02-07	2023-02-07	2023-03-09	2023-01-26	2023-04-07	2023-01-26	2023-03-09
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.490	0.320	0.310	0.480	0.550	0.690	0.990
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.560	0.290	ND	0.390	0.480	0.420	0.490
	Total Trihalomethanes	80	MCL	1.05	0.610	0.310	0.870	1.03	1.11	1.48

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-DICK0586	F2-DORI2264B	F2-DORI2267A	F2-DORI2270B	F2-DRIS2987	F2-DRIS2989		F2-DRIS2993
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	586 Dickson Lane	2264B Doris Miller Loop	2267A Doris Miller Loop	2270B Doris Miller Loop	2987 Driskell Drive	2989 Driskell Drive		2993 Driskell Drive
				Field Sample ID:	F2-TW-0011183-22340-N	F2-TW-0011185-22340-N	F2-TW-0011396-22340-N	F2-TW-0011409-22340-N	F2-TW-0011442-22340-N	F2-TW-0011443-22340-3-N	F2-TW-0011443-22340-N	F2-TW-0011445-22340-3-N
				Sample Date:	2023-02-07	2023-03-13	2023-03-13	2023-03-08	2023-01-26	2023-03-09	2023-03-09	2023-03-08
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	390	370	430	400	380	300	300	370	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	75.8	70.7	ND	ND	ND	76.3	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	75.8	70.7	ND	ND	ND	76.3	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.395	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.90	2.10	2.00	2.15	2.00	2.16	2.08	2.06	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.30	2.00	1.90	1.34	1.60	1.35	1.33	1.35	
	Copper	1300	MCL	11.9	25.4	37.6	44.3	20.7	49.9	21.3	15.0	
	Lead	15	MCL	0.400	ND	0.130	0.745	ND	0.233	ND	0.218	
	Mercury	2	MCL	ND	0.0490	0.0470	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	1.40	ND	1.22	1.29	1.01	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-DICK0586	F2-DORI2264B	F2-DORI2267A	F2-DORI2270B	F2-DRIS2987	F2-DRIS2989		F2-DRIS2993
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	586 Dickson Lane	2264B Doris Miller Loop	2267A Doris Miller Loop	2270B Doris Miller Loop	2987 Driskell Drive	2989 Driskell Drive		2993 Driskell Drive
				Field Sample ID:	F2-TW-0011183-22340-N	F2-TW-0011185-22340-N	F2-TW-0011396-22340-N	F2-TW-0011409-22340-N	F2-TW-0011442-22340-N	F2-TW-0011443-22340-3-N	F2-TW-0011443-22340-N	F2-TW-0011445-22340-3-N
				Sample Date:	2023-02-07	2023-03-13	2023-03-13	2023-03-08	2023-01-26	2023-03-09	2023-03-09	2023-03-08
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-DICK0586	F2-DORI2264B	F2-DORI2267A	F2-DORI2270B	F2-DRIS2987	F2-DRIS2989		F2-DRIS2993
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	586 Dickson Lane	2264B Doris Miller Loop	2267A Doris Miller Loop	2270B Doris Miller Loop	2987 Driskell Drive	2989 Driskell Drive		2993 Driskell Drive
				Field Sample ID:	F2-TW-0011183-22340-N	F2-TW-0011185-22340-N	F2-TW-0011396-22340-N	F2-TW-0011409-22340-N	F2-TW-0011442-22340-N	F2-TW-0011443-22340-3-N	F2-TW-0011443-22340-N	F2-TW-0011445-22340-3-N
				Sample Date:	2023-02-07	2023-03-13	2023-03-13	2023-03-08	2023-01-26	2023-03-09	2023-03-09	2023-03-08
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.280	0.430	0.450	0.660	ND	0.620	0.620	0.710	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.450	0.390	0.420	ND	0.440	0.440	0.490	
	Total Trihalomethanes	80	MCL	0.280	0.880	0.840	1.08	ND	1.06	1.06	1.20	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-DRIS2993	F2-ENGE4009	F2-ENGE4073	F2-ENGE4130	F2-FINC4165	F2-FINC4170	F2-GILL3179	F2-GILL3183	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2993 Driskell Drive	4009 Enger Street	4073 Enger Street	4130 Enger Street	4165 Fincher Street	4170 Fincher Street	3179 Gillespie Lane	3183 Gillespie Lane	
		Field Sample ID:	F2-TW-0011445-22340-N	F2-TW-0011448-22340-N	F2-TW-0011464-22340-N	F2-TW-0011468-22340-N	F2-TW-0011486-22340-N	F2-TW-0011487-22340-N	F2-TW-0011492-22340-N	F2-TW-0011496-22340-N	
		Sample Date:	2023-03-08	2023-03-09	2023-04-07	2023-01-26	2023-04-07	2023-02-07	2023-04-25	2023-02-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	370	500	410	380	540	370	390	360
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	1400	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	69.4	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	69.4	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.18	1.98	2.10	2.00	1.90	2.10	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.35	1.40	1.80	1.30	1.50	1.60	1.30
	Copper	1300	MCL	16.7	15.9	4.70	16.1	5.00	17.8	12.9	10.3
	Lead	15	MCL	0.597	ND	ND	0.330	ND	ND	0.550	0.300
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.05	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0170	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-DRIS2993	F2-ENGE4009	F2-ENGE4073	F2-ENGE4130	F2-FINC4165	F2-FINC4170	F2-GILL3179	F2-GILL3183
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2993 Driskell Drive	4009 Enger Street	4073 Enger Street	4130 Enger Street	4165 Fincher Street	4170 Fincher Street	3179 Gillespie Lane	3183 Gillespie Lane
		Field Sample ID:	F2-TW-0011445-22340-N	F2-TW-0011448-22340-N	F2-TW-0011464-22340-N	F2-TW-0011468-22340-N	F2-TW-0011486-22340-N	F2-TW-0011487-22340-N	F2-TW-0011492-22340-N	F2-TW-0011496-22340-N
		Sample Date:	2023-03-08	2023-03-09	2023-04-07	2023-01-26	2023-04-07	2023-02-07	2023-04-25	2023-02-07
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-DRIS2993	F2-ENGE4009	F2-ENGE4073	F2-ENGE4130	F2-FINC4165	F2-FINC4170	F2-GILL3179	F2-GILL3183
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2993 Driskell Drive	4009 Enger Street	4073 Enger Street	4130 Enger Street	4165 Fincher Street	4170 Fincher Street	3179 Gillespie Lane	3183 Gillespie Lane
		Field Sample ID:	F2-TW-0011445-22340-N	F2-TW-0011448-22340-N	F2-TW-0011464-22340-N	F2-TW-0011468-22340-N	F2-TW-0011486-22340-N	F2-TW-0011487-22340-N	F2-TW-0011492-22340-N	F2-TW-0011496-22340-N
		Sample Date:	2023-03-08	2023-03-09	2023-04-07	2023-01-26	2023-04-07	2023-02-07	2023-04-25	2023-02-07
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	0.290
	Bromoform	--	--	ND	0.460	0.340	0.370	0.270	0.430	1.00
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.290	0.540	0.270	0.280	ND	ND	0.790
	Total Trihalomethanes	80	MCL	0.290	1.00	0.610	0.650	0.270	0.430	1.79

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GILL3203	F2-GILL3205	F2-GILL3209	F2-GILL3225	F2-GILL3238	F2-GORD2613	F2-GORD2631	F2-GORD2643	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3203 Gillespie Lane	3205 Gillespie Lane	3209 Gillespie Lane	3225 Gillespie Lane	3238 Gillespie Lane	2613 Gordon Street	2631 Gordon Street	2643 Gordon Street	
		Field Sample ID:	F2-TW-0011508-22340-N	F2-TW-0011510-22340-N	F2-TW-0011512-22340-N	F2-TW-0011525-22340-N	F2-TW-0011535-22340-N	F2-TW-0011541-22340-N	F2-TW-0011548-22340-N	F2-TW-0011555-22340-N	
		Sample Date:	2023-04-07	2023-02-07	2023-04-07	2023-04-07	2023-02-07	2023-04-21	2023-02-07	2023-02-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	380	480	420	420	220	470	420	350
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	56.8	ND	ND	64.3	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	56.8	ND	ND	64.3	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120	ND	ND	0.110	ND
	Arsenic	10	MCL	ND	ND	0.500	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	1.90	2.00	2.30	1.90	3.80	2.10	2.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.30	1.30	1.50	1.40	1.90	1.40	1.60
	Copper	1300	MCL	11.0	37.5	13.9	12.1	13.8	38.6	6.80	5.70
	Lead	15	MCL	0.350	0.280	0.320	0.680	0.300	0.840	0.260	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.110	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GILL3203	F2-GILL3205	F2-GILL3209	F2-GILL3225	F2-GILL3238	F2-GORD2613	F2-GORD2631	F2-GORD2643
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3203 Gillespie Lane	3205 Gillespie Lane	3209 Gillespie Lane	3225 Gillespie Lane	3238 Gillespie Lane	2613 Gordon Street	2631 Gordon Street	2643 Gordon Street
		Field Sample ID:	F2-TW-0011508-22340-N	F2-TW-0011510-22340-N	F2-TW-0011512-22340-N	F2-TW-0011525-22340-N	F2-TW-0011535-22340-N	F2-TW-0011541-22340-N	F2-TW-0011548-22340-N	F2-TW-0011555-22340-N
		Sample Date:	2023-04-07	2023-02-07	2023-04-07	2023-04-07	2023-02-07	2023-04-21	2023-02-07	2023-02-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	0.790	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GILL3203	F2-GILL3205	F2-GILL3209	F2-GILL3225	F2-GILL3238	F2-GORD2613	F2-GORD2631	F2-GORD2643
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3203 Gillespie Lane	3205 Gillespie Lane	3209 Gillespie Lane	3225 Gillespie Lane	3238 Gillespie Lane	2613 Gordon Street	2631 Gordon Street	2643 Gordon Street
		Field Sample ID:	F2-TW-0011508-22340-N	F2-TW-0011510-22340-N	F2-TW-0011512-22340-N	F2-TW-0011525-22340-N	F2-TW-0011535-22340-N	F2-TW-0011541-22340-N	F2-TW-0011548-22340-N	F2-TW-0011555-22340-N
		Sample Date:	2023-04-07	2023-02-07	2023-04-07	2023-04-07	2023-02-07	2023-04-21	2023-02-07	2023-02-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	0.790	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.380	ND	0.490	ND	0.510
	Bromoform	--	--	0.600	0.560	1.70	1.00	3.90	1.20	1.40
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.300
	Dibromochloromethane	--	--	0.440	0.380	1.10	0.510	1.70	0.660	1.40
	Total Trihalomethanes	80	MCL	1.04	0.940	3.18	1.51	6.09	1.86	3.61

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GORD2663		F2-GORD2729	F2-GORD2816	F2-GORD2873	F2-HAIL3084	F2-HAIL3088	F2-HAIL3122	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2663 Gordon Street		2729 Gordon Street	2816 Gordon Street	2873 Gordon Street	3084 Hailey Court	3088 Hailey Court	3122 Hailey Court	
		Field Sample ID:	F2-TW-0011568-22340-3-N	F2-TW-0011568-22340-N	F2-TW-0011590-22340-N	F2-TW-0011608-22340-N	F2-TW-0011625-22340-N	F2-TW-0011626-22340-N	F2-TW-0011628-22340-N	F2-TW-0011645-22340-N	
		Sample Date:	2023-02-07	2023-02-07	2023-02-07	2023-02-07	2023-02-22	2023-04-21	2023-02-07	2023-02-07	
		Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-GORD2663		F2-GORD2729	F2-GORD2816	F2-GORD2873	F2-HAIL3084	F2-HAIL3088	F2-HAIL3122
Field Test (ppb)	Free Chlorine	4000	MCL	490	490	490	310	670	400	220	350
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	58.8	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	58.8	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	2.20	2.00	2.20	2.20	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	0.180	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.30	1.30	1.40	1.40	1.50	1.20	1.30
	Copper	1300	MCL	4.00	5.60	5.10	12.5	11.5	32.3	22.9	28.0
	Lead	15	MCL	0.230	0.570	0.650	0.250	0.590	1.70	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.100	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GORD2663		F2-GORD2729	F2-GORD2816	F2-GORD2873	F2-HAIL3084	F2-HAIL3088	F2-HAIL3122
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2663 Gordon Street		2729 Gordon Street	2816 Gordon Street	2873 Gordon Street	3084 Hailey Court	3088 Hailey Court	3122 Hailey Court
		Field Sample ID:	F2-TW-0011568-22340-3-N	F2-TW-0011568-22340-N	F2-TW-0011590-22340-N	F2-TW-0011608-22340-N	F2-TW-0011625-22340-N	F2-TW-0011626-22340-N	F2-TW-0011628-22340-N	F2-TW-0011645-22340-N
		Sample Date:	2023-02-07	2023-02-07	2023-02-07	2023-02-07	2023-02-22	2023-04-21	2023-02-07	2023-02-07
		Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-GORD2663		F2-GORD2729	F2-GORD2816	F2-GORD2873	F2-HAIL3084	F2-HAIL3088	F2-HAIL3122	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2663 Gordon Street		2729 Gordon Street	2816 Gordon Street	2873 Gordon Street	3084 Hailey Court	3088 Hailey Court	3122 Hailey Court	
		Field Sample ID:	F2-TW-0011568-22340-3-N	F2-TW-0011568-22340-N	F2-TW-0011590-22340-N	F2-TW-0011608-22340-N	F2-TW-0011625-22340-N	F2-TW-0011626-22340-N	F2-TW-0011628-22340-N	F2-TW-0011645-22340-N	
		Sample Date:	2023-02-07	2023-02-07	2023-02-07	2023-02-07	2023-02-22	2023-04-21	2023-02-07	2023-02-07	
		Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.250	ND	ND	ND	ND
	Bromoform	--	--	0.470	0.460	0.400	0.910	0.590	0.660	0.950	0.290
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.370	0.330	0.350	0.520	0.500	0.370	0.480	ND
	Total Trihalomethanes	80	MCL	0.840	0.790	0.750	1.68	1.09	1.03	1.43	0.290

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-HAMM0815	F2-HAMM0822	F2-HAMM5302	F2-HAMP4113	F2-HAMP4125	F2-HAYS0809	F2-HAYS0826	F2-JALU0618	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	815 Hammerberg Street	822 Hammerberg Street	5302 Hammond Lane	4113 Hampton Street	4125 Hampton Street	809 Hays Street	826 Hays Street	618 Jaluit Street	
		Field Sample ID:	F2-TW-0011655-22340-N	F2-TW-0011658-22340-N	F2-TW-0011665-22340-N	F2-TW-0011672-22340-N	F2-TW-0011677-22340-N	F2-TW-0011684-22340-N	F2-TW-0011692-22340-N	F2-TW-0011698-22340-N	
		Sample Date:	2023-04-21	2023-03-13	2023-02-07	2023-02-07	2023-02-10	2023-03-09	2023-04-21	2023-02-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-HAMM0815	F2-HAMM0822	F2-HAMM5302	F2-HAMP4113	F2-HAMP4125	F2-HAYS0809	F2-HAYS0826	F2-JALU0618
Field Test (ppb)	Free Chlorine	4000	MCL	510	60.0	440	450	450	480	390	300
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	60.6	ND	ND	ND	60.8	81.7	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	60.6	ND	ND	ND	60.8	81.7	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.80	2.10	3.30	2.14	2.10	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	2.00	1.30	1.50	1.60	1.38	1.40	1.40
	Copper	1300	MCL	18.5	5.30	8.70	4.00	6.80	4.10	5.10	9.80
	Lead	15	MCL	0.310	0.220	0.350	0.160	0.370	ND	0.150	0.290
	Mercury	2	MCL	ND	0.0480	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	1.20	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-HAMM0815	F2-HAMM0822	F2-HAMM5302	F2-HAMP4113	F2-HAMP4125	F2-HAYS0809	F2-HAYS0826	F2-JALU0618	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	815 Hammerberg Street	822 Hammerberg Street	5302 Hammond Lane	4113 Hampton Street	4125 Hampton Street	809 Hays Street	826 Hays Street	618 Jaluit Street	
		Field Sample ID:	F2-TW-0011655-22340-N	F2-TW-0011658-22340-N	F2-TW-0011665-22340-N	F2-TW-0011672-22340-N	F2-TW-0011677-22340-N	F2-TW-0011684-22340-N	F2-TW-0011692-22340-N	F2-TW-0011698-22340-N	
		Sample Date:	2023-04-21	2023-03-13	2023-02-07	2023-02-07	2023-02-10	2023-03-09	2023-04-21	2023-02-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-HAMM0815	F2-HAMM0822	F2-HAMM5302	F2-HAMP4113	F2-HAMP4125	F2-HAYS0809	F2-HAYS0826	F2-JALU0618	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	815 Hammerberg Street	822 Hammerberg Street	5302 Hammond Lane	4113 Hampton Street	4125 Hampton Street	809 Hays Street	826 Hays Street	618 Jaluit Street	
		Field Sample ID:	F2-TW-0011655-22340-N	F2-TW-0011658-22340-N	F2-TW-0011665-22340-N	F2-TW-0011672-22340-N	F2-TW-0011677-22340-N	F2-TW-0011684-22340-N	F2-TW-0011692-22340-N	F2-TW-0011698-22340-N	
		Sample Date:	2023-04-21	2023-03-13	2023-02-07	2023-02-07	2023-02-10	2023-03-09	2023-04-21	2023-02-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-HAMM0815	F2-HAMM0822	F2-HAMM5302	F2-HAMP4113	F2-HAMP4125	F2-HAYS0809	F2-HAYS0826	F2-JALU0618
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.560	0.570	ND	0.550	0.510	0.370	0.630	0.790
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	0.450	ND	0.470	0.340	0.400	0.360	0.550
	Total Trihalomethanes	80	MCL	0.880	1.02	ND	1.02	0.850	0.770	0.990	1.34

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-JALU3307	F2-JALU3316	F2-JALU3324	F2-KILM3340	F2-KILM3350		F2-KILM5405	F2-KILM5438	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	3307 Jaluit Lane	3316 Jaluit Lane	3324 Jaluit Lane	3340 Kilmer Street	3350 Kilmer Street		5405 Kilmer Lane	5438 Kilmer Lane	
		Field Sample ID:	F2-TW-0011712-22340-N	F2-TW-0011718-22340-N	F2-TW-0011723-22340-N	F2-TW-0011727-22340-N	F2-TW-0011730-22340-3-N	F2-TW-0011730-22340-N	F2-TW-0011740-22340-N	F2-TW-0011765-22340-N	
		Sample Date:	2023-01-25	2023-02-22	2023-02-07	2023-02-07	2023-04-21	2023-04-21	2023-03-10	2023-02-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	180	380	90.0	470	400	400	380	550
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	54.3	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	54.3	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.50	1.90	1.90	1.90	1.90	2.00	1.88	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.50	1.30	1.40	1.30	1.50	1.26	1.70
	Copper	1300	MCL	19.3	10.7	14.2	8.70	19.5	46.5	17.3	6.00
	Lead	15	MCL	0.290	0.260	0.550	0.260	0.260	0.370	0.364	0.420
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	1.17	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-JALU3307	F2-JALU3316	F2-JALU3324	F2-KILM3340	F2-KILM3350		F2-KILM5405	F2-KILM5438
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	3307 Jaluit Lane	3316 Jaluit Lane	3324 Jaluit Lane	3340 Kilmer Street	3350 Kilmer Street		5405 Kilmer Lane	5438 Kilmer Lane
				Field Sample ID:	F2-TW-0011712-22340-N	F2-TW-0011718-22340-N	F2-TW-0011723-22340-N	F2-TW-0011727-22340-N	F2-TW-0011730-22340-3-N	F2-TW-0011730-22340-N	F2-TW-0011740-22340-N	F2-TW-0011765-22340-N
				Sample Date:	2023-01-25	2023-02-22	2023-02-07	2023-02-07	2023-04-21	2023-04-21	2023-03-10	2023-02-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-JALU3307	F2-JALU3316	F2-JALU3324	F2-KILM3340	F2-KILM3350		F2-KILM5405	F2-KILM5438
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:	3307 Jaluit Lane	3316 Jaluit Lane	3324 Jaluit Lane	3340 Kilmer Street	3350 Kilmer Street		5405 Kilmer Lane	5438 Kilmer Lane
		Field Sample ID:	F2-TW-0011712-22340-N	F2-TW-0011718-22340-N	F2-TW-0011723-22340-N	F2-TW-0011727-22340-N	F2-TW-0011730-22340-3-N	F2-TW-0011730-22340-N	F2-TW-0011740-22340-N	F2-TW-0011765-22340-N
		Sample Date:	2023-01-25	2023-02-22	2023-02-07	2023-02-07	2023-04-21	2023-04-21	2023-03-10	2023-02-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.280	0.530	0.300	0.610	0.720	0.690	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.380	ND	0.470	0.380	0.490	0.450
	Total Trihalomethanes	80	MCL	0.280	0.910	0.300	1.08	1.10	1.18	0.780

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-KIRK1925	F2-KIRK1929	F2-KIRK1964	F2-KOAI1653	F2-KOAI1670	F2-KOEL5305	F2-KOUH1859	F2-KOUH1881	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1925 Kirkpatrick Loop	1929 Kirkpatrick Loop	1964 Kirkpatrick Loop	1653 Koaia Court	1670 Koaia Court	5305 Koelsch Lane	1859 Kou Haole Loop	1881 Kou Haole Loop	
		Field Sample ID:	F2-TW-0011770-22340-N	F2-TW-0011772-22340-N	F2-TW-0011780-22340-N	F2-TW-0011790-22340-N	F2-TW-0009846-22340-N	F2-TW-0009851-22340-N	F2-TW-0009860-22340-N	F2-TW-0009866-22340-N	
		Sample Date:	2023-03-09	2023-01-25	2023-02-10	2023-01-25	2023-02-07	2023-03-13	2023-04-07	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	380	520	480	210	190	540	380	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	64.1	ND	ND	ND	ND	64.6	64.3	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	64.1	ND	ND	ND	ND	64.6	64.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	0.100
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.14	2.00	1.90	2.00	2.00	1.90	2.20	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.36	1.70	1.60	1.70	1.40	1.90	1.30	1.90
	Copper	1300	MCL	7.35	10.5	5.10	82.3	43.5	18.5	115	35.1
	Lead	15	MCL	0.302	0.450	0.210	0.560	0.310	0.430	0.300	0.320
	Mercury	2	MCL	ND	ND	ND	ND	ND	0.0460	0.0250	ND
	Selenium	50	MCL	0.963	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-KIRK1925	F2-KIRK1929	F2-KIRK1964	F2-KOAI1653	F2-KOAI1670	F2-KOEL5305	F2-KOUH1859	F2-KOUH1881
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1925 Kirkpatrick Loop	1929 Kirkpatrick Loop	1964 Kirkpatrick Loop	1653 Koaia Court	1670 Koaia Court	5305 Koelsch Lane	1859 Kou Haole Loop	1881 Kou Haole Loop
		Field Sample ID:	F2-TW-0011770-22340-N	F2-TW-0011772-22340-N	F2-TW-0011780-22340-N	F2-TW-0011790-22340-N	F2-TW-0009846-22340-N	F2-TW-0009851-22340-N	F2-TW-0009860-22340-N	F2-TW-0009866-22340-N
		Sample Date:	2023-03-09	2023-01-25	2023-02-10	2023-01-25	2023-02-07	2023-03-13	2023-04-07	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-KIRK1925	F2-KIRK1929	F2-KIRK1964	F2-KOAI1653	F2-KOAI1670	F2-KOEL5305	F2-KOUH1859	F2-KOUH1881
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1925 Kirkpatrick Loop	1929 Kirkpatrick Loop	1964 Kirkpatrick Loop	1653 Koaia Court	1670 Koaia Court	5305 Koelsch Lane	1859 Kou Haole Loop	1881 Kou Haole Loop
		Field Sample ID:	F2-TW-0011770-22340-N	F2-TW-0011772-22340-N	F2-TW-0011780-22340-N	F2-TW-0011790-22340-N	F2-TW-0009846-22340-N	F2-TW-0009851-22340-N	F2-TW-0009860-22340-N	F2-TW-0009866-22340-N
		Sample Date:	2023-03-09	2023-01-25	2023-02-10	2023-01-25	2023-02-07	2023-03-13	2023-04-07	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.480	0.500	0.440	0.500	0.350	ND	0.600
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.480	0.410	0.350	0.270	ND	0.300	0.400
	Total Trihalomethanes	80	MCL	0.960	0.910	0.790	0.770	0.350	0.300	1.00

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-LIPP2007	F2-MALO0576	F2-MALO0582	F2-MALO3264	F2-MALO3276	F2-MCCU1032	F2-MCCU1056	F2-MCCU1060	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2007 Lippia Loop	576 Maloelap Lane	582 Maloelap Lane	3264 Maloelap Street	3276 Maloelap Street	1032 McCurry Place	1056 McCurry Place	1060 McCurry Place	
		Field Sample ID:	F2-TW-0009873-22340-N	F2-TW-0009890-22340-N	F2-TW-0009893-22340-N	F2-TW-0009901-22340-N	F2-TW-0009904-22340-N	F2-TW-0009919-22340-N	F2-TW-0009928-22340-N	F2-TW-0009932-22340-3-N	
		Sample Date:	2023-04-07	2023-01-26	2023-01-25	2023-02-22	2023-04-07	2023-01-26	2023-01-25	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	260	450	460	500	290	460	380	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	57.5	ND	ND	ND	ND	57.1	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	57.5	ND	ND	ND	ND	57.1	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.00	1.90	2.40	2.50	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.70	1.70	1.40	1.40	1.60	1.60	1.90
	Copper	1300	MCL	80.7	6.80	13.7	10.2	6.50	13.5	10.0	3.60
	Lead	15	MCL	0.200	0.220	0.320	0.390	0.310	0.640	0.540	0.180
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0310	ND
	Selenium	50	MCL	ND	ND	ND	0.390	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0100
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-LIPP2007	F2-MALO0576	F2-MALO0582	F2-MALO3264	F2-MALO3276	F2-MCCU1032	F2-MCCU1056	F2-MCCU1060
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2007 Lippia Loop	576 Maloelap Lane	582 Maloelap Lane	3264 Maloelap Street	3276 Maloelap Street	1032 McCurry Place	1056 McCurry Place	1060 McCurry Place
		Field Sample ID:	F2-TW-0009873-22340-N	F2-TW-0009890-22340-N	F2-TW-0009893-22340-N	F2-TW-0009901-22340-N	F2-TW-0009904-22340-N	F2-TW-0009919-22340-N	F2-TW-0009928-22340-N	F2-TW-0009932-22340-3-N
		Sample Date:	2023-04-07	2023-01-26	2023-01-25	2023-02-22	2023-04-07	2023-01-26	2023-01-25	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-LIPP2007	F2-MALO0576	F2-MALO0582	F2-MALO3264	F2-MALO3276	F2-MCCU1032	F2-MCCU1056	F2-MCCU1060
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2007 Lippia Loop	576 Maloelap Lane	582 Maloelap Lane	3264 Maloelap Street	3276 Maloelap Street	1032 McCurry Place	1056 McCurry Place	1060 McCurry Place
		Field Sample ID:	F2-TW-0009873-22340-N	F2-TW-0009890-22340-N	F2-TW-0009893-22340-N	F2-TW-0009901-22340-N	F2-TW-0009904-22340-N	F2-TW-0009919-22340-N	F2-TW-0009928-22340-N	F2-TW-0009932-22340-3-N
		Sample Date:	2023-04-07	2023-01-26	2023-01-25	2023-02-22	2023-04-07	2023-01-26	2023-01-25	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.400	ND
	Bromoform	--	--	0.660	0.360	0.310	1.70	1.70	0.780	1.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.410	0.330	0.260	0.770	0.840	0.680	1.00
	Total Trihalomethanes	80	MCL	1.07	0.690	0.570	2.47	2.54	1.46	2.60

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-MCCU1060	F2-MCFA0816	F2-MEYE0570	F2-MEYE0624	F2-MEYE0658	F2-MEYE3424	F2-MOOR3023	F2-MOOR3027	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1060 McCurry Place	816 McFaddin Street	570 Meyerkord Loop	624 Meyerkord Loop	658 Meyerkord Loop	3424 Meyerkord Place	3023 Moore Drive	3027 Moore Drive	
		Field Sample ID:	F2-TW-0009932-22340-N	F2-TW-0009940-22340-N	F2-TW-0009947-22340-N	F2-TW-0009960-22340-N	F2-TW-0009974-22340-N	F2-TW-0009981-22340-N	F2-TW-0009983-22340-N	F2-TW-0009985-22340-N	
		Sample Date:	2023-01-26	2023-01-26	2023-02-07	2023-02-10	2023-02-10	2023-02-10	2023-04-07	2023-02-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	520	530	480	240	170	390	440	90.0
Field Test (ppb)	Free Chlorine	4000	MCL	520	530	480	240	170	390	440	90.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.520	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.10	1.90	1.80	2.00	1.90	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.30	1.70	1.60	1.50	1.30	1.80
	Copper	1300	MCL	3.70	5.80	31.5	21.7	51.5	48.6	33.3	22.8
	Lead	15	MCL	0.190	0.190	0.450	0.180	0.310	0.270	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0110	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-MCCU1060	F2-MCFA0816	F2-MEYE0570	F2-MEYE0624	F2-MEYE0658	F2-MEYE3424	F2-MOOR3023	F2-MOOR3027
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1060 McCurry Place	816 McFaddin Street	570 Meyerkord Loop	624 Meyerkord Loop	658 Meyerkord Loop	3424 Meyerkord Place	3023 Moore Drive	3027 Moore Drive
		Field Sample ID:	F2-TW-0009932-22340-N	F2-TW-0009940-22340-N	F2-TW-0009947-22340-N	F2-TW-0009960-22340-N	F2-TW-0009974-22340-N	F2-TW-0009981-22340-N	F2-TW-0009983-22340-N	F2-TW-0009985-22340-N
		Sample Date:	2023-01-26	2023-01-26	2023-02-07	2023-02-10	2023-02-10	2023-02-10	2023-04-07	2023-02-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-MCCU1060	F2-MCFA0816	F2-MEYE0570	F2-MEYE0624	F2-MEYE0658	F2-MEYE3424	F2-MOOR3023	F2-MOOR3027
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1060 McCurry Place	816 McFaddin Street	570 Meyerkord Loop	624 Meyerkord Loop	658 Meyerkord Loop	3424 Meyerkord Place	3023 Moore Drive	3027 Moore Drive
		Field Sample ID:	F2-TW-0009932-22340-N	F2-TW-0009940-22340-N	F2-TW-0009947-22340-N	F2-TW-0009960-22340-N	F2-TW-0009974-22340-N	F2-TW-0009981-22340-N	F2-TW-0009983-22340-N	F2-TW-0009985-22340-N
		Sample Date:	2023-01-26	2023-01-26	2023-02-07	2023-02-10	2023-02-10	2023-02-10	2023-04-07	2023-02-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	ND	ND	ND	0.500	ND	ND
	Bromoform	--	--	0.920	0.500	0.410	0.330	1.90	0.320	0.350
	Chloroform	--	--	ND	ND	ND	ND	0.330	ND	ND
	Dibromochloromethane	--	--	0.660	0.330	0.380	ND	1.30	0.260	ND
	Total Trihalomethanes	80	MCL	1.84	0.830	0.790	0.330	4.03	0.580	0.350

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-MURR0678	F2-MURR0690		F2-MURR0850	F2-MURR0857		F2-MURR0870	F2-NOON4014	
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence	
		Address:	678 Murray Drive	690 Murray Drive		850 Murray Drive	857 Murray Drive		870 Murray Drive	4014 Noonan Street	
		Field Sample ID:	F2-TW-0010077-22340-N	F2-TW-0010081-22340-3-N	F2-TW-0010081-22340-N	F2-TW-0010131-22340-N	F2-TW-0010136-22340-3-N	F2-TW-0010136-22340-N	F2-TW-0010145-22340-N	F2-TW-0010393-22340-N	
		Sample Date:	2023-02-22	2023-02-22	2023-02-22	2023-01-25	2023-02-22	2023-02-22	2023-04-07	2023-04-07	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	420	420	420	290	330	330	530	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.6	58.7	55.1	ND	58.3	ND	ND	64.3
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	56.6	58.7	55.1	ND	58.3	ND	ND	64.3
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.70	2.60	2.60	2.00	2.20	2.10	2.00	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.40	1.50	1.90	1.50	1.40	1.60	1.40
	Copper	1300	MCL	6.70	5.50	4.90	7.90	8.20	9.00	4.90	4.90
	Lead	15	MCL	0.480	0.790	0.550	0.230	0.380	0.670	0.210	0.370
	Mercury	2	MCL	ND	ND	ND	0.0560	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0160	ND	ND	0.0200	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-MURR0690		F2-MURR0850	F2-MURR0857		F2-MURR0870	F2-NOON4014	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	690 Murray Drive		850 Murray Drive	857 Murray Drive		870 Murray Drive	4014 Noonan Street	
				Field Sample ID:	F2-TW-0010077-22340-N	F2-TW-0010081-22340-3-N	F2-TW-0010081-22340-N	F2-TW-0010131-22340-N	F2-TW-0010136-22340-3-N	F2-TW-0010136-22340-N	F2-TW-0010145-22340-N	F2-TW-0010393-22340-N
				Sample Date:	2023-02-22	2023-02-22	2023-02-22	2023-01-25	2023-02-22	2023-02-22	2023-04-07	2023-04-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-MURR0690		F2-MURR0850	F2-MURR0857		F2-MURR0870	F2-NOON4014	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	690 Murray Drive		850 Murray Drive	857 Murray Drive		870 Murray Drive	4014 Noonan Street	
				Field Sample ID:	F2-TW-0010077-22340-N	F2-TW-0010081-22340-3-N	F2-TW-0010081-22340-N	F2-TW-0010131-22340-N	F2-TW-0010136-22340-3-N	F2-TW-0010136-22340-N	F2-TW-0010145-22340-N	F2-TW-0010393-22340-N
				Sample Date:	2023-02-22	2023-02-22	2023-02-22	2023-01-25	2023-02-22	2023-02-22	2023-04-07	2023-04-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.430	0.530	0.650	ND	0.260	0.250	ND	ND	
	Bromoform	--	--	1.90	2.20	2.70	0.780	0.750	0.830	0.390	0.360	
	Chloroform	--	--	ND	ND	0.260	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	1.30	1.50	2.00	0.680	0.580	0.600	0.280	0.300	
	Total Trihalomethanes	80	MCL	3.63	4.23	5.61	1.46	1.59	1.68	0.670	0.660	

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:		F2-NOON4040		F2-NOON4077		F2-NOON4088		F2-NYEC1670		F2-NYEC1820		F2-NYEP1931	
		Location Type:		Residence		Residence		Residence		Residence		Residence		Residence	
		Address:		4040 Noonan Street		4077 Noonan Street		4088 Noonan Street		1670 Nye Circle		1820 Nye Circle		1931 Nye Place	
		Field Sample ID:		F2-TW-0010406-22340-3-N	F2-TW-0010406-22340-N	F2-TW-0010423-22340-N	F2-TW-0010425-22340-N	F2-TW-0010430-22340-N	F2-TW-0010440-22340-N	F2-TW-0010444-22340-3-N	F2-TW-0010444-22340-N				
		Sample Date:		2023-01-25	2023-01-25	2023-02-10	2023-03-08	2023-03-08	2023-03-08	2023-02-22	2023-02-22				
		Sample Type:		FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level												
Field Test (ppb)	Free Chlorine	4000	MCL	470	470	380	460	390	330	390	390				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND				
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	57.5				
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	57.5				
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Barium	2000	MCL	2.10	2.00	2.30	2.19	2.07	2.16	2.00	2.10				
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Chromium	100	MCL	1.60	1.60	1.70	1.32	1.35	1.32	1.40	1.50				
	Copper	1300	MCL	3.20	4.90	4.60	4.77	42.0	39.7	23.1	26.1				
	Lead	15	MCL	ND	0.180	0.190	ND	0.217	ND	0.160	0.200				
	Mercury	2	MCL	ND	ND	ND	ND	ND	0.0250	ND	ND				
	Selenium	50	MCL	ND	ND	ND	0.971	1.36	0.797	ND	ND				
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND				

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-NOON4040		F2-NOON4077	F2-NOON4088	F2-NYEC1670	F2-NYEC1820	F2-NYEP1931					
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence	Field Sample ID:
				F2-TW-0010406-22340-3-N	F2-TW-0010406-22340-N	F2-TW-0010423-22340-N	F2-TW-0010425-22340-N	F2-TW-0010430-22340-N	F2-TW-0010440-22340-N	F2-TW-0010444-22340-3-N	F2-TW-0010444-22340-N				
				2023-01-25	2023-01-25	2023-02-10	2023-03-08	2023-03-08	2023-03-08	2023-02-22	2023-02-22				
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)				
				4040 Noonan Street	4040 Noonan Street	4077 Noonan Street	4088 Noonan Street	1670 Nye Circle	1820 Nye Circle	1931 Nye Place	1931 Nye Place				
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence				
				F2-NOON4040	F2-NOON4040	F2-NOON4077	F2-NOON4088	F2-NYEC1670	F2-NYEC1820	F2-NYEP1931	F2-NYEP1931				
				ND	ND	ND	ND	ND	ND	ND	ND				
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND				

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-NOON4040		F2-NOON4077	F2-NOON4088	F2-NYEC1670	F2-NYEC1820	F2-NYEP1931	
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
				Residence		Residence	Residence	Residence	Residence	Residence	
				4040 Noonan Street		4077 Noonan Street	4088 Noonan Street	1670 Nye Circle	1820 Nye Circle	1931 Nye Place	
				F2-TW-0010406-22340-3-N	F2-TW-0010406-22340-N	F2-TW-0010423-22340-N	F2-TW-0010425-22340-N	F2-TW-0010430-22340-N	F2-TW-0010440-22340-N	F2-TW-0010444-22340-3-N	F2-TW-0010444-22340-N
				2023-01-25	2023-01-25	2023-02-10	2023-03-08	2023-03-08	2023-03-08	2023-02-22	2023-02-22
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.390	0.390	0.500	0.600	ND	0.830	0.740	0.720
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	0.280	0.330	0.470	ND	0.560	0.530	0.540
	Total Trihalomethanes	80	MCL	0.690	0.670	0.830	1.07	ND	1.39	1.27	1.26

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-NYEP1938	F2-OCAL1910	F2-OCAL1918	F2-OCAL1919	F2-OCAL1921	F2-OCAL1970	F2-OCAL1978	F2-PAUL0580	
		Location Type:	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1938 Nye Place (CDH)	1910 O'Callahan Street	1918 O'Callahan Street	1919 O'Callahan Street	1921 O'Callahan Street	1970 O'Callahan Street	1978 O'Callahan Street	580 Paul Lane	
		Field Sample ID:	F2-TW-0010449-22340-N	F2-TW-0010458-22340-N	F2-TW-0010460-22340-N	F2-TW-0010461-22340-N	F2-TW-0010463-22340-N	F2-TW-0010474-22340-N	F2-TW-0010529-22340-N	F2-TW-0010533-22340-N	
		Sample Date:	2023-02-22	2023-01-25	2023-03-09	2023-03-10	2023-03-08	2023-03-13	2023-02-22	2023-03-08	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	100	330	470	410	400	490	410	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	57.6	ND	70.7	ND	ND	83.0	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	57.6	ND	70.7	ND	ND	83.0	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.426	ND	0.100	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.10	2.01	2.13	2.00	2.20	2.01
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.70	1.36	1.24	1.32	1.90	1.50	1.40
	Copper	1300	MCL	41.9	2.50	4.00	5.84	8.46	4.20	4.50	6.52
	Lead	15	MCL	0.260	0.130	0.302	0.349	0.673	0.180	0.410	ND
	Mercury	2	MCL	ND	0.0500	ND	ND	ND	0.0370	ND	ND
	Selenium	50	MCL	ND	ND	1.22	1.03	1.17	ND	ND	1.14
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.0130	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-NYEP1938	F2-OCAL1910	F2-OCAL1918	F2-OCAL1919	F2-OCAL1921	F2-OCAL1970	F2-OCAL1978	F2-PAUL0580	
		Location Type:	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1938 Nye Place (CDH)	1910 O'Callahan Street	1918 O'Callahan Street	1919 O'Callahan Street	1921 O'Callahan Street	1970 O'Callahan Street	1978 O'Callahan Street	580 Paul Lane	
		Field Sample ID:	F2-TW-0010449-22340-N	F2-TW-0010458-22340-N	F2-TW-0010460-22340-N	F2-TW-0010461-22340-N	F2-TW-0010463-22340-N	F2-TW-0010474-22340-N	F2-TW-0010529-22340-N	F2-TW-0010533-22340-N	
		Sample Date:	2023-02-22	2023-01-25	2023-03-09	2023-03-10	2023-03-08	2023-03-13	2023-02-22	2023-03-08	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-NYEP1938	F2-OCAL1910	F2-OCAL1918	F2-OCAL1919	F2-OCAL1921	F2-OCAL1970	F2-OCAL1978	F2-PAUL0580
		Location Type:	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1938 Nye Place (CDH)	1910 O'Callahan Street	1918 O'Callahan Street	1919 O'Callahan Street	1921 O'Callahan Street	1970 O'Callahan Street	1978 O'Callahan Street	580 Paul Lane
		Field Sample ID:	F2-TW-0010449-22340-N	F2-TW-0010458-22340-N	F2-TW-0010460-22340-N	F2-TW-0010461-22340-N	F2-TW-0010463-22340-N	F2-TW-0010474-22340-N	F2-TW-0010529-22340-N	F2-TW-0010533-22340-N
		Sample Date:	2023-02-22	2023-01-25	2023-03-09	2023-03-10	2023-03-08	2023-03-13	2023-02-22	2023-03-08
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.280	ND
	Bromoform	--	--	1.20	0.260	0.880	0.810	1.10	0.370	0.810
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.610	ND	0.630	0.630	0.810	0.340	0.650
	Total Trihalomethanes	80	MCL	1.81	0.260	1.51	1.44	1.91	0.710	1.74

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-PETE3216	F2-PETE3232	F2-PETE3246	F2-PETE3252	F2-PLUM1653	F2-POOL0605	F2-POOL0625	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3216 Peterson Court	3232 Peterson Court	3246 Peterson Court	3252 Peterson Court	1653 Plumbago Court	605 Pool Street	625 Pool Street	
		Field Sample ID:	F2-TW-0010544-22340-N	F2-TW-0010552-22340-N	F2-TW-0010559-22340-N	F2-TW-0010796-22340-N	F2-TW-0010805-22340-N	F2-TW-0010817-22340-N	F2-TW-0010821-22340-3-N	F2-TW-0010821-22340-N
		Sample Date:	2023-03-09	2023-03-09	2023-01-25	2023-03-08	2023-03-10	2023-02-10	2023-03-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Field Test (ppb)	Free Chlorine	4000	MCL	260	330	490	350	340	460	460
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	66.3	77.4	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	66.3	77.4	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.419	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.11	2.11	2.20	2.07	2.05	3.90	1.95
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.35	1.35	1.70	1.42	1.23	1.20	1.26
	Copper	1300	MCL	22.7	36.8	19.7	21.0	76.0	18.3	6.37
	Lead	15	MCL	0.588	0.650	0.180	ND	1.36	0.930	0.261
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.777	1.17	ND	1.14	1.07	ND	0.934
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	0.0140	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-PETE3216	F2-PETE3232	F2-PETE3246	F2-PETE3252	F2-PLUM1653	F2-POOL0605	F2-POOL0625	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3216 Peterson Court	3232 Peterson Court	3246 Peterson Court	3252 Peterson Court	1653 Plumbago Court	605 Pool Street	625 Pool Street	
		Field Sample ID:	F2-TW-0010544-22340-N	F2-TW-0010552-22340-N	F2-TW-0010559-22340-N	F2-TW-0010796-22340-N	F2-TW-0010805-22340-N	F2-TW-0010817-22340-N	F2-TW-0010821-22340-3-N	F2-TW-0010821-22340-N
		Sample Date:	2023-03-09	2023-03-09	2023-01-25	2023-03-08	2023-03-10	2023-02-10	2023-03-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-PETE3216	F2-PETE3232	F2-PETE3246	F2-PETE3252	F2-PLUM1653	F2-POOL0605	F2-POOL0625	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3216 Peterson Court	3232 Peterson Court	3246 Peterson Court	3252 Peterson Court	1653 Plumbago Court	605 Pool Street	625 Pool Street	
		Field Sample ID:	F2-TW-0010544-22340-N	F2-TW-0010552-22340-N	F2-TW-0010559-22340-N	F2-TW-0010796-22340-N	F2-TW-0010805-22340-N	F2-TW-0010817-22340-N	F2-TW-0010821-22340-3-N	F2-TW-0010821-22340-N
		Sample Date:	2023-03-09	2023-03-09	2023-01-25	2023-03-08	2023-03-10	2023-02-10	2023-03-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.510	0.320	0.460	1.40	0.480	0.770	0.450
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.380	0.470	0.320	0.650	0.450	0.580	0.420
	Total Trihalomethanes	80	MCL	0.890	0.790	0.780	2.05	0.930	1.35	0.870

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-POOL0657	F2-POOL0661	F2-RAMA0825	F2-RAMA0828		F2-ROGE0807	F2-SAND0715		
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence		
		Address:	657 Pool Street	661 Pool Street	825 Ramage Street	828 Ramage Street		807 Rogers Street	715 Sanders Circle		
		Field Sample ID:	F2-TW-0010828-22340-N	F2-TW-0010829-22340-N	F2-TW-0010854-22340-N	F2-TW-0010855-22340-3-N	F2-TW-0010855-22340-N	F2-TW-0010857-22340-N	F2-TW-0010867-22340-3-N	F2-TW-0010867-22340-N	
		Sample Date:	2023-03-13	2023-01-25	2023-03-10	2023-03-13	2023-03-13	2023-03-10	2023-03-10	2023-03-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	350	500	450	480	480	460	450	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	64.2	ND	ND	ND	74.6	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	64.2	ND	ND	ND	74.6	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.452	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	1.95	1.80	1.90	1.98	2.07	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.90	1.60	1.22	1.80	1.80	1.33	1.29	1.25
	Copper	1300	MCL	20.9	4.40	12.4	2.80	2.40	6.55	5.42	5.77
	Lead	15	MCL	0.270	0.170	1.56	0.240	0.220	0.219	ND	0.282
	Mercury	2	MCL	0.0460	ND	0.0310	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	0.942	ND	ND	1.20	1.07	1.07
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-POOL0657	F2-POOL0661	F2-RAMA0825	F2-RAMA0828		F2-ROGE0807	F2-SAND0715	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					657 Pool Street	661 Pool Street	825 Ramage Street	828 Ramage Street		807 Rogers Street	715 Sanders Circle	
					F2-TW-0010828-22340-N	F2-TW-0010829-22340-N	F2-TW-0010854-22340-N	F2-TW-0010855-22340-3-N	F2-TW-0010855-22340-N	F2-TW-0010857-22340-N	F2-TW-0010867-22340-3-N	F2-TW-0010867-22340-N
					2023-03-13	2023-01-25	2023-03-10	2023-03-13	2023-03-13	2023-03-10	2023-03-10	2023-03-10
					N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-POOL0657	F2-POOL0661	F2-RAMA0825	F2-RAMA0828		F2-ROGE0807	F2-SAND0715	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	657 Pool Street	661 Pool Street	825 Ramage Street	828 Ramage Street		807 Rogers Street	715 Sanders Circle	
		Field Sample ID:	F2-TW-0010828-22340-N	F2-TW-0010829-22340-N	F2-TW-0010854-22340-N	F2-TW-0010855-22340-3-N	F2-TW-0010855-22340-N	F2-TW-0010857-22340-N	F2-TW-0010867-22340-3-N	F2-TW-0010867-22340-N
		Sample Date:	2023-03-13	2023-01-25	2023-03-10	2023-03-13	2023-03-13	2023-03-10	2023-03-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.490	0.450	0.540	ND	0.600	0.400	0.370
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.530	0.390	0.470	ND	0.450	0.430	0.290
	Total Trihalomethanes	80	MCL	1.02	0.840	1.01	ND	1.05	0.830	0.660

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SAND0745	F2-SCHM2746	F2-SCHM2770	F2-SHIE3267	F2-SHIE5244	F2-SHIE5268	F2-SHIE5342	F2-SIBL0718	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	745 Sanders Circle	2746 Schmitt Parkway	2770 Schmitt Parkway	3267 Shields Lane	5244 Shields Street	5268 Shields Street	5342 Shields Street	718 Sibley Street	
		Field Sample ID:	F2-TW-0010874-22340-N	F2-TW-0010876-22340-N	F2-TW-0010883-22340-N	F2-TW-0010894-22340-N	F2-TW-0010911-22340-N	F2-TW-0010917-22340-N	F2-TW-0010933-22340-N	F2-TW-0010941-22340-N	
		Sample Date:	2023-01-25	2023-02-10	2023-03-10	2023-01-25	2023-02-10	2023-01-25	2023-02-10	2023-03-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	420	540	290	360	380	340	420	460
Field Test (ppb)	Free Chlorine	4000	MCL	420	540	290	360	380	340	420	460
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.30	2.10	2.21	1.90	1.90	1.90	2.00	1.98
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.50	1.30	1.80	1.70	1.70	1.60	1.22
	Copper	1300	MCL	7.00	9.00	6.46	13.1	7.70	20.2	12.4	4.91
	Lead	15	MCL	ND	0.480	0.344	0.420	0.240	ND	0.300	0.290
	Mercury	2	MCL	0.0550	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	1.11	ND	ND	ND	ND	0.835
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0120	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SAND0745	F2-SCHM2746	F2-SCHM2770	F2-SHIE3267	F2-SHIE5244	F2-SHIE5268	F2-SHIE5342	F2-SIBL0718
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	745 Sanders Circle	2746 Schmitt Parkway	2770 Schmitt Parkway	3267 Shields Lane	5244 Shields Street	5268 Shields Street	5342 Shields Street	718 Sibley Street
		Field Sample ID:	F2-TW-0010874-22340-N	F2-TW-0010876-22340-N	F2-TW-0010883-22340-N	F2-TW-0010894-22340-N	F2-TW-0010911-22340-N	F2-TW-0010917-22340-N	F2-TW-0010933-22340-N	F2-TW-0010941-22340-N
		Sample Date:	2023-01-25	2023-02-10	2023-03-10	2023-01-25	2023-02-10	2023-01-25	2023-02-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SAND0745	F2-SCHM2746	F2-SCHM2770	F2-SHIE3267	F2-SHIE5244	F2-SHIE5268	F2-SHIE5342	F2-SIBL0718
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	745 Sanders Circle	2746 Schmitt Parkway	2770 Schmitt Parkway	3267 Shields Lane	5244 Shields Street	5268 Shields Street	5342 Shields Street	718 Sibley Street
		Field Sample ID:	F2-TW-0010874-22340-N	F2-TW-0010876-22340-N	F2-TW-0010883-22340-N	F2-TW-0010894-22340-N	F2-TW-0010911-22340-N	F2-TW-0010917-22340-N	F2-TW-0010933-22340-N	F2-TW-0010941-22340-N
		Sample Date:	2023-01-25	2023-02-10	2023-03-10	2023-01-25	2023-02-10	2023-01-25	2023-02-10	2023-03-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.290	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.10	0.540	0.390	0.310	0.510	0.540	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.780	0.450	0.490	ND	0.440	0.400	0.270
	Total Trihalomethanes	80	MCL	2.17	0.990	0.880	0.310	0.950	0.940	0.600

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SIBL0721	F2-SIBL0757	F2-SNYD3140	F2-SNYD3152	F2-STOW2573	F2-STOW2697	F2-STOW2699	F2-TALB0813	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	721 Sibley Street	757 Sibley Street	3140 Snyder Court	3152 Snyder Court	2573 Stowell Circle	2697 Stowell Circle	2699 Stowell Circle	813 Talbot Street	
		Field Sample ID:	F2-TW-0010944-22340-N	F2-TW-0010561-22340-N	F2-TW-0010571-22340-N	F2-TW-0010577-22340-N	F2-TW-0010980-22340-N	F2-TW-0009263-22340-N	F2-TW-0009265-22340-N	F2-TW-0009301-22340-N	
		Sample Date:	2023-03-13	2023-02-10	2023-02-10	2023-03-13	2023-01-26	2023-01-26	2023-01-25	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	430	410	30.0	380	510	700	530	450
Field Test (ppb)	Free Chlorine	4000	MCL	430	410	30.0	380	510	700	530	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	57.9	ND	ND	72.7	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	57.9	ND	ND	72.7	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.110	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.10	2.00	2.30	2.00	2.00	2.00	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.00	1.70	1.60	2.30	1.60	1.70	1.80	1.60
	Copper	1300	MCL	4.30	8.50	21.8	17.9	11.0	11.0	4.20	12.2
	Lead	15	MCL	0.280	0.210	ND	0.190	0.390	0.340	0.150	0.270
	Mercury	2	MCL	0.0510	ND	ND	0.0370	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SIBL0721	F2-SIBL0757	F2-SNYD3140	F2-SNYD3152	F2-STOW2573	F2-STOW2697	F2-STOW2699	F2-TALB0813
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	721 Sibley Street	757 Sibley Street	3140 Snyder Court	3152 Snyder Court	2573 Stowell Circle	2697 Stowell Circle	2699 Stowell Circle	813 Talbot Street
		Field Sample ID:	F2-TW-0010944-22340-N	F2-TW-0010561-22340-N	F2-TW-0010571-22340-N	F2-TW-0010577-22340-N	F2-TW-0010980-22340-N	F2-TW-0009263-22340-N	F2-TW-0009265-22340-N	F2-TW-0009301-22340-N
		Sample Date:	2023-03-13	2023-02-10	2023-02-10	2023-03-13	2023-01-26	2023-01-26	2023-01-25	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-SIBL0721	F2-SIBL0757	F2-SNYD3140	F2-SNYD3152	F2-STOW2573	F2-STOW2697	F2-STOW2699	F2-TALB0813
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	721 Sibley Street	757 Sibley Street	3140 Snyder Court	3152 Snyder Court	2573 Stowell Circle	2697 Stowell Circle	2699 Stowell Circle	813 Talbot Street
		Field Sample ID:	F2-TW-0010944-22340-N	F2-TW-0010561-22340-N	F2-TW-0010571-22340-N	F2-TW-0010577-22340-N	F2-TW-0010980-22340-N	F2-TW-0009263-22340-N	F2-TW-0009265-22340-N	F2-TW-0009301-22340-N
		Sample Date:	2023-03-13	2023-02-10	2023-02-10	2023-03-13	2023-01-26	2023-01-26	2023-01-25	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.490	0.540	0.590	0.490	0.370	0.530	0.460
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.530	0.380	0.270	0.400	0.350	0.550	0.310
	Total Trihalomethanes	80	MCL	1.02	0.920	0.860	0.890	0.720	1.08	0.770

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-TALB0822	F2-TIAR1724	F2-VAES3032	F2-VAES3058	
		Location Type:	Residence	Residence	Residence	Residence	
		Address:	822 Talbot Street	1724 Tiare Court	3032 Vaessen Court	3058 Vaessen Court	
		Field Sample ID:	F2-TW-0009303-22340-N	F2-TW-0009321-22340-N	F2-TW-0009330-22340-N	F2-TW-0009343-22340-N	
		Sample Date:	2023-01-26	2023-01-26	2023-02-10	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Field Test (ppb)	Free Chlorine	4000	MCL	180	290	440	220
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	2.10	1.90	2.20	2.00
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.80	1.70	1.50
	Copper	1300	MCL	5.60	160	12.9	26.1
	Lead	15	MCL	0.230	0.210	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-TALB0822	F2-TIAR1724	F2-VAES3032	F2-VAES3058
		Location Type:	Residence	Residence	Residence	Residence
		Address:	822 Talbot Street	1724 Tiare Court	3032 Vaessen Court	3058 Vaessen Court
		Field Sample ID:	F2-TW-0009303-22340-N	F2-TW-0009321-22340-N	F2-TW-0009330-22340-N	F2-TW-0009343-22340-N
		Sample Date:	2023-01-26	2023-01-26	2023-02-10	2023-01-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-TALB0822	F2-TIAR1724	F2-VAES3032	F2-VAES3058	
		Location Type:	Residence	Residence	Residence	Residence	
		Address:	822 Talbot Street	1724 Tiare Court	3032 Vaessen Court	3058 Vaessen Court	
		Field Sample ID:	F2-TW-0009303-22340-N	F2-TW-0009321-22340-N	F2-TW-0009330-22340-N	F2-TW-0009343-22340-N	
		Sample Date:	2023-01-26	2023-01-26	2023-02-10	2023-01-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	0.440	0.310	0.380	0.820
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.330	0.260	0.290	0.510
	Total Trihalomethanes	80	MCL	0.770	0.570	0.670	1.33

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-BLDG1928		F2-BLDG4655	
				330-380	330-380	300-360	300-360
Field Test (ppb)	Free Chlorine	4000	MCL	330-380	330-380	300-360	300-360
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.7	55.0	60.3	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	54.7	55.0	60.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.30	1.50	1.30
	Copper	1300	MCL	27.8	37.5	123	52.6
	Lead	15	MCL	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-BLDG1928		F2-BLDG4655			
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				F2-BLDG1928	Child Development Center	Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)	F2-BLDG4655	Child Development Center	Building 4655,CATLIN SCHOOL AGE CENTER
				F2-TW-0014145-22340-N-1	F2-TW-0014145-22340-N-2	2023-02-22	2023-02-22	F2-TW-0014156-22340-N-1	F2-TW-0014156-22340-N-2
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-BLDG1928		F2-BLDG4655	
				F2-TW-0014145-22340-N-1	F2-TW-0014145-22340-N-2	F2-TW-0014156-22340-N-1	F2-TW-0014156-22340-N-2
				Location ID: F2-BLDG1928 Location Type: Child Development Center Address: Building 1928, CHILD DEVELOPMT CENTER (530 PELTIER AVE)		Location ID: F2-BLDG4655 Location Type: Child Development Center Address: Building 4655, CATLIN SCHOOL AGE CENTER	
				Field Sample ID:			
				Sample Date:			
				Sample Type:			
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	0.620	0.550	0.640	1.20
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.440	0.350	0.420	0.530
	Total Trihalomethanes	80	MCL	1.06	0.900	1.06	1.73

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0003		F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030	
				Location Type:	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
				Address:	FH 3		FH 11	FH 12 (Correct LOCID is F2-HYD1338)	FH 14	FH 26	FH 30	
				Field Sample ID:	F2-DL-0017744-22340-N	F2-DL-0017772-22340-3-N	F2-DL-0017772-22340-N	F2-DL-0017745-22340-N	F2-DL-0017776-22340-N	F2-DL-0017746-22340-N	F2-DL-0017771-22340-N	F2-DL-0017747-22340-N
				Sample Date:	2023-03-09	2023-03-09	2023-03-09	2023-03-10	2023-04-19	2023-04-19	2023-03-10	2023-03-08
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	410	60.0	60.0	360	440	520	300	520	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	91.9	73.6	84.7	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	91.9	73.6	84.7	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	0.379	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	0.500	ND	ND	ND	
	Barium	2000	MCL	2.19	2.39	2.30	2.84	2.10	2.10	2.18	2.21	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.33	1.34	1.37	1.26	1.80	1.80	1.24	1.28	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.938	1.40	0.943	0.897	ND	ND	0.958	1.16	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0003		F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030	
				Location Type:	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
				Address:	FH 3		FH 11	FH 12 (Correct LOCID is F2-HYD1338)	FH 14	FH 26	FH 30	
				Field Sample ID:	F2-DL-0017744-22340-N	F2-DL-0017772-22340-3-N	F2-DL-0017772-22340-N	F2-DL-0017745-22340-N	F2-DL-0017776-22340-N	F2-DL-0017746-22340-N	F2-DL-0017771-22340-N	F2-DL-0017747-22340-N
				Sample Date:	2023-03-09	2023-03-09	2023-03-09	2023-03-10	2023-04-19	2023-04-19	2023-03-10	2023-03-08
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	F2-HYD0002	F2-HYD0003		F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030
		Location Type:	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH 2	FH 3		FH 11	FH 12 (Correct LOCID is F2-HYD1338)	FH 14	FH 26	FH 30
		Field Sample ID:	F2-DL-0017744-22340 -N	F2-DL-0017772-22340 -3-N	F2-DL-0017772-22340 -N	F2-DL-0017745-22340 -N	F2-DL-0017776-22340 -N	F2-DL-0017746-22340 -N	F2-DL-0017771-22340 -N	F2-DL-0017747-22340 -N
		Sample Date:	2023-03-09	2023-03-09	2023-03-09	2023-03-10	2023-04-19	2023-04-19	2023-03-10	2023-03-08
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.720	0.920	4.40	0.480	0.730	0.670
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.330	0.580	0.650	0.720	0.250	0.400	0.650
	Total Trihalomethanes	80	MCL	0.330	1.30	1.57	5.12	0.730	1.13	1.32

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0039		F2-HYD003A		F2-HYD0047	F2-HYD0213	F2-HYD0520	
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		
				Address:	FH 39		FH 3A		FH 47	FH 213 (Possibly F2-HYD0020)	FH 520 (Possibly F2-HYD0018)	
				Field Sample ID:	F2-DL-0017748-22340-N	F2-DL-0017749-22340-3-N	F2-DL-0017749-22340-N	F2-DL-0017773-22340-3-N	F2-DL-0017773-22340-N	F2-DL-0017750-22340-N	F2-DL-0017774-22340-N	F2-DL-0017775-22340-N
				Sample Date:	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-04-19	2023-04-19
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	180	380	380	440	440	530	410	480	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	56.8	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	53.1	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	110	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	0.110	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	0.520	0.530	
	Barium	2000	MCL	3.10	2.00	2.10	2.10	2.10	2.10	2.10	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.80	1.70	1.70	1.60	1.60	1.70	2.20	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0039		F2-HYD003A		F2-HYD0047	F2-HYD0213	F2-HYD0520	
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		
				Address:	FH 39		FH 3A		FH 47	FH 213 (Possibly F2-HYD0020)	FH 520 (Possibly F2-HYD0018)	
				Field Sample ID:	F2-DL-0017748-22340-N	F2-DL-0017749-22340-3-N	F2-DL-0017749-22340-N	F2-DL-0017773-22340-3-N	F2-DL-0017773-22340-N	F2-DL-0017750-22340-N	F2-DL-0017774-22340-N	F2-DL-0017775-22340-N
				Sample Date:	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-04-19	2023-04-19
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	0.250	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	0.250	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0039		F2-HYD003A		F2-HYD0047	F2-HYD0213	F2-HYD0520	
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		
				Address:	FH 39		FH 3A		FH 47	FH 213 (Possibly F2-HYD0020)	FH 520 (Possibly F2-HYD0018)	
				Field Sample ID:	F2-DL-0017748-22340 -N	F2-DL-0017749-22340 -3-N	F2-DL-0017749-22340 -N	F2-DL-0017773-22340 -3-N	F2-DL-0017773-22340 -N	F2-DL-0017750-22340 -N	F2-DL-0017774-22340 -N	F2-DL-0017775-22340 -N
				Sample Date:	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-02-10	2023-04-19	2023-04-19
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.430	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	3.00	0.360	0.370	0.380	0.460	0.400	1.20	0.820	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	1.60	ND	ND	0.300	0.320	ND	0.600	0.530	
	Total Trihalomethanes	80	MCL	5.03	0.360	0.370	0.680	0.780	0.400	1.80	1.35	

**Summary of Chemistry Results
Zone F2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	F2-HYD071A
Location Type:	Hydrant
Address:	FH 71A
Field Sample ID:	F2-DL-0017751-22340 -N
Sample Date:	2023-04-19
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	0.650
	Barium	2000	MCL	2.00
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	ND
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
	Thallium	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	0.400
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	F2-HYD071A
Location Type:	Hydrant
Address:	FH 71A
Field Sample ID:	F2-DL-0017751-22340 -N
Sample Date:	2023-04-19
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
	Xylenes, Total	10000	MCL	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--
Chloroacetic acid		--	--	ND
Dibromoacetic acid		--	--	ND
Dichloroacetic acid		--	--	ND
Trichloroacetic acid		--	--	ND
Total Haloacetic acids		60	MCL	ND

Summary of Chemistry Results
 Zone F2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone F2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	F2-HYD071A
Location Type:	Hydrant
Address:	FH 71A
Field Sample ID:	F2-DL-0017751-22340 -N
Sample Date:	2023-04-19
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.760
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.430
	Total Trihalomethanes	80	MCL	1.19