

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

Drinking Water Samples collected in June-November 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-ANDE2807								
				Location Type: Residence								
				Address: 2807 Anderson Avenue								
				Field Sample ID:	F2-TW-0010735-23155-N	F2-TW-0010735-23155-N-R1	F2-TW-0010735-23155-N-1	F2-TW-0010735-23155-N-2	F2-TW-0010735-23155-N-3	F2-TW-0010735-23155-N-4	F2-TW-0010735-23155-N-R2	F2-TW-0010735-23155-N-1-R1
				Sample Date:	2023-08-18	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-30	2023-08-30
				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	80.0		530-660	530-660	530-660	530-660	530-660	690-780	690-780
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	--	--	--	--	--	--	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	51.0	--	--	--	--	--	--	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	--	--	--	--	--	--	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	--	--	--	--	--	--	--
	Petroleum Hydrocarbons, Total	266	ISP	51.0	--	--	--	--	--	--	--	--
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.80	1.90	2.00	1.90	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	0.0570	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	0.940	0.900	1.00	0.900	0.910	ND	ND	ND
	Copper	1300	MCL	77.7	4.00	4.60	39.1	21.2	4.10	3.60	8.60	
	Lead	15	MCL	21.1 §	0.920	0.290	33.6 §	2.90	0.320	0.290	0.280	
	Mercury	2	MCL	ND	--	--	--	--	--	--	--	--
	Selenium	50	MCL	1.20	0.870	0.750	0.810	0.800	0.780	0.890	0.900	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	10	EAL	ND	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	--	--	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	--	--	--	--	--	--	--	--
	1,1,1-Trichloroethane	--	--	ND	--	--	--	--	--	--	--	--
	1,1,2-Trichloroethane	5	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 June-November 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-ANDE2807									
		Location Type: Residence									
		Address: 2807 Anderson Avenue									
		Field Sample ID:	F2-TW-0010735-23155-N	F2-TW-0010735-23155-N-R1	F2-TW-0010735-23155-N-1	F2-TW-0010735-23155-N-2	F2-TW-0010735-23155-N-3	F2-TW-0010735-23155-N-4	F2-TW-0010735-23155-N-R2	F2-TW-0010735-23155-N-1-R1	
		Sample Date:	2023-08-18	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-30	2023-08-30	
		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	--	--	--	--	--	--	
	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	--	--	--	--	--	--	

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

Drinking Water Samples collected in June-November 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-ANDE2807							
		Location Type:		Residence							
		Address:		2807 Anderson Avenue							
		Field Sample ID:		F2-TW-0010735-23155-N	F2-TW-0010735-23155-N-R1	F2-TW-0010735-23155-N-1	F2-TW-0010735-23155-N-2	F2-TW-0010735-23155-N-3	F2-TW-0010735-23155-N-4	F2-TW-0010735-23155-N-R2	F2-TW-0010735-23155-N-1-R1
		Sample Date:		2023-08-18	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-24	2023-08-30	2023-08-30
		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	--	--	--	--	--	--	--
	Dichloroacetic acid	--	--	ND	--	--	--	--	--	--	--
	Trichloroacetic acid	--	--	ND	--	--	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	--	--	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	--	--	--	--	--
	Bromoform	--	--	0.510	--	--	--	--	--	--	--
	Chloroform	--	--	ND	--	--	--	--	--	--	--
	Dibromochloromethane	--	--	ND	--	--	--	--	--	--	--
	Total Trihalomethanes	80	MCL	0.510	--	--	--	--	--	--	--

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

Drinking Water Samples collected in June-November 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-ANDE2807			F2-ANDE2811	F2-ANDE2812	F2-ANDE2821	F2-ANDE2928	F2-ANDE2961
				Location Type:	Residence			Residence	Residence	Residence	Residence	Residence
				Address:	2807 Anderson Avenue			2811 Anderson Avenue	2812 Anderson Avenue	2821 Anderson Avenue	2928 Anderson Avenue	2961 Anderson Avenue
				Field Sample ID:	F2-TW-0010735-23155-N-2-R1	F2-TW-0010735-23155-N-3-R1	F2-TW-0010735-23155-N-4-R1	F2-TW-0010736-23155-N-T	F2-TW-0010737-23155-N	F2-TW-0010740-23155-N	F2-TW-0009594-23155-N	F2-TW-0009600-23155-N
				Sample Date:	2023-08-30	2023-08-30	2023-08-30	2023-07-24	2023-08-31	2023-08-28	2023-08-18	2023-09-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	690-780	690-780	690-780	570	380	950	230	500	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	--	--	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	ND	62.5	89.5	61.1	58.6	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	--	ND	57.3	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	--	--	--	ND	120	89.5	61.1	58.6	
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	1.90	2.00	2.00	2.00	1.90	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	ND	ND	ND	0.790	ND	0.550	ND	ND	
	Copper	1300	MCL	11.1	3.80	6.70	7.30	6.40	3.50	7.80	4.00	
	Lead	15	MCL	0.960	0.310	0.320	0.350	0.230	0.170	0.280	0.130	
	Mercury	2	MCL	--	--	--	0.0290	ND	ND	ND	ND	
	Selenium	50	MCL	0.910	0.970	0.830	1.70	1.90	1.80	1.30	1.70	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	--	--	--	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	--	--	--	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	--	--	--	ND	ND	0.100	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	--	0.530	0.440	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	--	--	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	--	--	--	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	--	--	--	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 June-November 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-ANDE2807			F2-ANDE2811	F2-ANDE2812	F2-ANDE2821	F2-ANDE2928	F2-ANDE2961
				Location Type: Residence			Residence	Residence	Residence	Residence	Residence
				Address: 2807 Anderson Avenue			2811 Anderson Avenue	2812 Anderson Avenue	2821 Anderson Avenue	2928 Anderson Avenue	2961 Anderson Avenue
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	F2-TW-0010735-23155-N-2-R1	F2-TW-0010735-23155-N-3-R1	F2-TW-0010735-23155-N-4-R1	F2-TW-0010736-23155-N-T	F2-TW-0010737-23155-N	F2-TW-0010740-23155-N	F2-TW-0009594-23155-N	F2-TW-0009600-23155-N
	1,2,4-Trichlorobenzene	70	MCL	2023-08-30	2023-08-30	2023-08-30	2023-07-24	2023-08-31	2023-08-28	2023-08-18	2023-09-22
	1,2-Dichlorobenzene	600	MCL	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
	1,2-Dichloroethane	5	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	--	--	--	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	--	--	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	--	--	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	--	--	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	--	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	--	--	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	--	--	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	--	--	--	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	--	--	--	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	--	--	--	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 June-November 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-ANDE2807			F2-ANDE2811	F2-ANDE2812	F2-ANDE2821	F2-ANDE2928	F2-ANDE2961
		Location Type:	Residence			Residence	Residence	Residence	Residence	Residence
		Address:	2807 Anderson Avenue			2811 Anderson Avenue	2812 Anderson Avenue	2821 Anderson Avenue	2928 Anderson Avenue	2961 Anderson Avenue
		Field Sample ID:	F2-TW-0010735-23155-N-2-R1	F2-TW-0010735-23155-N-3-R1	F2-TW-0010735-23155-N-4-R1	F2-TW-0010736-23155-N-T	F2-TW-0010737-23155-N	F2-TW-0010740-23155-N	F2-TW-0009594-23155-N	F2-TW-0009600-23155-N
		Sample Date:	2023-08-30	2023-08-30	2023-08-30	2023-07-24	2023-08-31	2023-08-28	2023-08-18	2023-09-22
		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
	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	0.360	ND	ND
	Bromoform	--	--	--	--	--	0.690	1.30	0.400	0.510
	Chloroform	--	--	--	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	--	--	0.480	0.970	0.340	ND
	Total Trihalomethanes	80	MCL	--	--	--	1.17	2.63	0.740	0.510

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

Drinking Water Samples collected in June-November 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-ANDE2968	F2-ANDE3015	F2-ANDE3036	F2-ANDE3097	F2-ARIZ2775	F2-ARIZ2776	F2-ARIZ2782	F2-ARIZ2814	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2968 Anderson Avenue	3015 Anderson Avenue	3036 Anderson Avenue	3097 Anderson Avenue	2775 Arizona Road	2776 Arizona Road	2782 Arizona Road	2814 Arizona Road	
		Field Sample ID:	F2-TW-0009602-23155-N	F2-TW-0009612-23155-N	F2-TW-0009620-23155-N	F2-TW-0010768-23155-N	F2-TW-0010777-23155-N	F2-TW-0010778-23155-N	F2-TW-0010780-23155-N	F2-TW-0010790-23155-N	
		Sample Date:	2023-10-09	2023-09-22	2023-08-04	2023-08-01	2023-08-18	2023-09-08	2023-10-09	2023-07-31	
		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	910	570	550	340	490	60.0	730	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	84.9	83.1	68.3	79.1	52.8	ND	73.7	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	84.9	83.1	68.3	79.1	52.8	ND	73.7	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.660	ND	ND	ND	ND	ND	0.680	ND
	Barium	2000	MCL	2.10	2.20	2.00	2.10	1.90	ND	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	0.800	ND	0.780	0.690	ND	ND	0.860	0.810
	Copper	1300	MCL	8.50	4.20	3.00	3.00	5.90	3.00	4.50	15.1
	Lead	15	MCL	0.320	0.130	ND	0.150	0.140	0.940	0.150	0.320
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.20	1.90	2.30	2.30	1.10	0.440	1.30	1.70
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	0.0170	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	0.460
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 June-November 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-ANDE2968	F2-ANDE3015	F2-ANDE3036	F2-ANDE3097	F2-ARIZ2775	F2-ARIZ2776	F2-ARIZ2782	F2-ARIZ2814	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2968 Anderson Avenue	3015 Anderson Avenue	3036 Anderson Avenue	3097 Anderson Avenue	2775 Arizona Road	2776 Arizona Road	2782 Arizona Road	2814 Arizona Road	
		Field Sample ID:	F2-TW-0009602-23155-N	F2-TW-0009612-23155-N	F2-TW-0009620-23155-N	F2-TW-0010768-23155-N	F2-TW-0010777-23155-N	F2-TW-0010778-23155-N	F2-TW-0010780-23155-N	F2-TW-0010790-23155-N	
		Sample Date:	2023-10-09	2023-09-22	2023-08-04	2023-08-01	2023-08-18	2023-09-08	2023-10-09	2023-07-31	
		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 June-November 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-ANDE2968	F2-ANDE3015	F2-ANDE3036	F2-ANDE3097	F2-ARIZ2775	F2-ARIZ2776	F2-ARIZ2782	F2-ARIZ2814
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2968 Anderson Avenue	3015 Anderson Avenue	3036 Anderson Avenue	3097 Anderson Avenue	2775 Arizona Road	2776 Arizona Road	2782 Arizona Road	2814 Arizona Road
		Field Sample ID:	F2-TW-0009602-23155-N	F2-TW-0009612-23155-N	F2-TW-0009620-23155-N	F2-TW-0010768-23155-N	F2-TW-0010777-23155-N	F2-TW-0010778-23155-N	F2-TW-0010780-23155-N	F2-TW-0010790-23155-N
		Sample Date:	2023-10-09	2023-09-22	2023-08-04	2023-08-01	2023-08-18	2023-09-08	2023-10-09	2023-07-31
		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	--	--	0.740	ND	ND	ND	ND	ND	0.340
	Bromoform	--	--	2.70	0.520	0.410	0.330	ND	ND	0.460
	Chloroform	--	--	0.280	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	2.20	0.420	0.350	ND	ND	ND	0.420
	Total Trihalomethanes	80	MCL	5.92	0.940	0.760	0.330	ND	ND	0.880

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

Drinking Water Samples collected in June-November 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-ARIZ2824	F2-ARIZ2867	F2-ARIZ3075	F2-BENF5423	F2-BENF5449	F2-BRID3065	F2-BRID3090	F2-CATL5226	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2824 Arizona Road	2867 Arizona Road	3075 Arizona Road	5423 Benfold Lane	5449 Benfold Lane	3065 Bridges Street	3090 Bridges Street	5226 Catlin Lane	
		Field Sample ID:	F2-TW-0010994-23155-N	F2-TW-0011009-23155-N	F2-TW-0011046-23155-N	F2-TW-0011059-23155-N	F2-TW-0011069-23155-N	F2-TW-0011070-23155-N	F2-TW-0011078-23155-N	F2-TW-0011092-23155-N	
		Sample Date:	2023-08-02	2023-08-02	2023-11-15	2023-10-09	2023-08-01	2023-08-18	2023-08-01	2023-08-31	
		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	540	520	280	860	420	440	480	540
Field Test (ppb)	Free Chlorine	4000	MCL	540	520	280	860	420	440	480	540
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	85.2	ND	72.5	55.3	72.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	167
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	85.2	ND	72.5	55.3	239
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.730	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.10	1.90	1.90	2.30	2.10	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	1.00	1.00	0.950	0.940	0.670	ND	0.810	ND
	Copper	1300	MCL	4.20	6.30	6.40	13.6	10.4	5.80	4.30	17.2
	Lead	15	MCL	0.330	0.140	0.190	0.320	0.360	ND	ND	0.380
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.00	2.10	2.10	1.30	2.20	1.40	2.90	1.90
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	0.0240	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.570	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

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

Drinking Water Samples collected in June-November 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-ARIZ2824	F2-ARIZ2867	F2-ARIZ3075	F2-BENF5423	F2-BENF5449	F2-BRID3065	F2-BRID3090	F2-CATL5226
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2824 Arizona Road	2867 Arizona Road	3075 Arizona Road	5423 Benfold Lane	5449 Benfold Lane	3065 Bridges Street	3090 Bridges Street	5226 Catlin Lane
		Field Sample ID:	F2-TW-0010994-23155-N	F2-TW-0011009-23155-N	F2-TW-0011046-23155-N	F2-TW-0011059-23155-N	F2-TW-0011069-23155-N	F2-TW-0011070-23155-N	F2-TW-0011078-23155-N	F2-TW-0011092-23155-N
		Sample Date:	2023-08-02	2023-08-02	2023-11-15	2023-10-09	2023-08-01	2023-08-18	2023-08-01	2023-08-31
		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 June-November 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-ARIZ2824	F2-ARIZ2867	F2-ARIZ3075	F2-BENF5423	F2-BENF5449	F2-BRID3065	F2-BRID3090	F2-CATL5226
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2824 Arizona Road	2867 Arizona Road	3075 Arizona Road	5423 Benfold Lane	5449 Benfold Lane	3065 Bridges Street	3090 Bridges Street	5226 Catlin Lane
		Field Sample ID:	F2-TW-0010994-23155-N	F2-TW-0011009-23155-N	F2-TW-0011046-23155-N	F2-TW-0011059-23155-N	F2-TW-0011069-23155-N	F2-TW-0011070-23155-N	F2-TW-0011078-23155-N	F2-TW-0011092-23155-N
		Sample Date:	2023-08-02	2023-08-02	2023-11-15	2023-10-09	2023-08-01	2023-08-18	2023-08-01	2023-08-31
		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	0.430
	Bromoform	--	--	0.410	0.340	0.370	0.470	0.290	ND	0.260
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.340	ND	0.320	0.340	0.250	ND	ND
	Total Trihalomethanes	80	MCL	0.750	0.340	0.690	0.810	0.540	ND	0.260

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

Drinking Water Samples collected in June-November 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-CATL5229	F2-CATL5262	F2-CATL5282	F2-CATL5294	F2-CATL5320	F2-COLE4110	F2-CURT3009	F2-CURT3015	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5229 Catlin Lane	5262 Catlin Lane	5282 Catlin Lane	5294 Catlin Lane	5320 Catlin Lane	4110 Colegrove Street	3009 Curtis Drive	3015 Curtis Drive	
		Field Sample ID:	F2-TW-0011095-23155-N	F2-TW-0011100-23155-N	F2-TW-0011106-23155-N	F2-TW-0011111-23155-N	F2-TW-0011123-23155-N	F2-TW-0011127-23155-N	F2-TW-0011136-23155-N	F2-TW-0011139-23155-N	
		Sample Date:	2023-09-05	2023-09-22	2023-08-02	2023-08-01	2023-09-13	2023-10-09	2023-09-05	2023-06-27	
		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	640	650	610	530	530	710	130	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	67.1	90.5	ND	58.3	75.8	87.9	67.1	64.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	67.1	90.5	ND	58.3	75.8	87.9	67.1	64.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.870	ND	ND	ND	ND	0.670	0.880	ND
	Barium	2000	MCL	1.90	1.90	1.90	1.90	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	0.750	ND	1.10	0.840	ND	0.910	0.880	2.00
	Copper	1300	MCL	33.9	12.0	5.70	4.90	6.00	3.80	31.7	18.7
	Lead	15	MCL	0.220	0.360	ND	ND	0.130	0.170	0.180	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0300	ND
	Selenium	50	MCL	2.10	2.80	1.90	1.80	2.90	1.30	2.10	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	0.0240	0.100	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 June-November 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-CATL5229	F2-CATL5262	F2-CATL5282	F2-CATL5294	F2-CATL5320	F2-COLE4110	F2-CURT3009	F2-CURT3015
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5229 Catlin Lane	5262 Catlin Lane	5282 Catlin Lane	5294 Catlin Lane	5320 Catlin Lane	4110 Colegrove Street	3009 Curtis Drive	3015 Curtis Drive
		Field Sample ID:	F2-TW-0011095-23155-N	F2-TW-0011100-23155-N	F2-TW-0011106-23155-N	F2-TW-0011111-23155-N	F2-TW-0011123-23155-N	F2-TW-0011127-23155-N	F2-TW-0011136-23155-N	F2-TW-0011139-23155-N
		Sample Date:	2023-09-05	2023-09-22	2023-08-02	2023-08-01	2023-09-13	2023-10-09	2023-09-05	2023-06-27
		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 June-November 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-CATL5229	F2-CATL5262	F2-CATL5282	F2-CATL5294	F2-CATL5320	F2-COLE4110	F2-CURT3009	F2-CURT3015
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5229 Catlin Lane	5262 Catlin Lane	5282 Catlin Lane	5294 Catlin Lane	5320 Catlin Lane	4110 Colegrove Street	3009 Curtis Drive	3015 Curtis Drive
		Field Sample ID:	F2-TW-0011095-23155-N	F2-TW-0011100-23155-N	F2-TW-0011106-23155-N	F2-TW-0011111-23155-N	F2-TW-0011123-23155-N	F2-TW-0011127-23155-N	F2-TW-0011136-23155-N	F2-TW-0011139-23155-N
		Sample Date:	2023-09-05	2023-09-22	2023-08-02	2023-08-01	2023-09-13	2023-10-09	2023-09-05	2023-06-27
		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	--	--	0.410	0.360	ND	ND	ND	0.400	1.30
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.330	0.280	ND	ND	ND	0.320	0.780
	Total Trihalomethanes	80	MCL	0.740	0.640	ND	ND	ND	0.720	2.08

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

Drinking Water Samples collected in June-November 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-DALY3053	F2-DEWE0569	F2-DEWE3236		F2-DORI2266D	F2-DORI2267B		
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
				Address:	3015 Curtis Drive	3053 Daly Drive	3236 Dewert Lane		2266D Doris Miller Loop	2267B Doris Miller Loop		
				Field Sample ID:	F2-TW-0011139-23155-3-N	F2-TW-0011148-23155-N	F2-TW-0011152-23155-N	F2-TW-0011173-23155-N	F2-TW-0011173-23155-3-N	F2-TW-0011395-23155-N	F2-TW-0011397-23155-N	F2-TW-0011397-23155-N-R1
				Sample Date:	2023-06-27	2023-09-08	2023-10-09	2023-09-22	2023-09-22	2023-08-02	2023-07-31	2023-08-08
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	490	460	940	530	530	500	440	480	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	62.5	92.6	89.7	ND	ND	ND	ND	58.6	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	62.5	92.6	89.7	ND	ND	ND	ND	58.6	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	--	
	Arsenic	10	MCL	ND	0.500	0.650	ND	ND	ND	ND	--	
	Barium	2000	MCL	1.90	2.00	1.90	2.00	2.00	2.00	1.90	--	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	--	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	--	
	Chromium	100	MCL	2.10	ND	0.860	ND	ND	1.10	0.780	--	
	Copper	1300	MCL	15.7	18.0	5.00	12.1	10.7	52.0	39.7	--	
	Lead	15	MCL	ND	0.310	0.210	0.550	0.380	0.280	ND	--	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	--	
	Selenium	50	MCL	ND	2.30	1.30	2.40	1.80	1.90	1.60	--	
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	0.0260	ND	ND	ND	ND	--	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	0.430	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	--	

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

Drinking Water Samples collected in June-November 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-CURT3015	F2-DALY3053	F2-DEWE0569	F2-DEWE3236		F2-DORI2266D	F2-DORI2267B		
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence		
				Address:	3015 Curtis Drive	3053 Daly Drive	569 Dewert Court	3236 Dewert Lane		2266D Doris Miller Loop	2267B Doris Miller Loop		
				Field Sample ID:	F2-TW-0011139-23155-3-N	F2-TW-0011148-23155-N	F2-TW-0011152-23155-N	F2-TW-0011173-23155-N	F2-TW-0011173-23155-3-N	F2-TW-0011395-23155-N	F2-TW-0011397-23155-N	F2-TW-0011397-23155-N-R1	
				Sample Date:	2023-06-27	2023-09-08	2023-10-09	2023-09-22	2023-09-22	2023-08-02	2023-07-31	2023-08-08	
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Volatile Organic Compounds (ppb)	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	--	
	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	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	--	
	Chloroacetic 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 June-November 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-CURT3015	F2-DALY3053	F2-DEWE0569	F2-DEWE3236		F2-DORI2266D	F2-DORI2267B	
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
				Address:	3015 Curtis Drive	3053 Daly Drive	569 Dewert Court	3236 Dewert Lane		2266D Doris Miller Loop	2267B Doris Miller Loop	
				Field Sample ID:	F2-TW-0011139-23155-3-N	F2-TW-0011148-23155-N	F2-TW-0011152-23155-N	F2-TW-0011173-23155-N	F2-TW-0011173-23155-3-N	F2-TW-0011395-23155-N	F2-TW-0011397-23155-N	F2-TW-0011397-23155-N-R1
				Sample Date:	2023-06-27	2023-09-08	2023-10-09	2023-09-22	2023-09-22	2023-08-02	2023-07-31	2023-08-08
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--
	Dichloroacetic acid	--	--	ND	ND	ND	1.30	ND	ND	ND	ND	--
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--
	Total Haloacetic acids	60	MCL	ND	ND	ND	1.30	ND	ND	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--
	Bromoform	--	--	ND	ND	0.390	0.310	0.260	ND	ND	ND	--
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	ND	ND	0.390	0.290	ND	ND	ND	ND	--
	Total Trihalomethanes	80	MCL	ND	ND	0.780	0.600	0.260	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 June-November 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-DORI2267B			Location ID: F2-DORI2271B	Location ID: F2-DORI2273C	Location ID: F2-DORI2275D	Location ID: F2-DORI2276D	
				Location Type: Residence	Location Type: Residence	Location Type: Residence	Location Type: Residence	Location Type: Residence	Location Type: Residence	Location Type: Residence	
				Address: 2267B Doris Miller Loop			Address: 2271B Doris Miller Loop	Address: 2273C Doris Miller Loop	Address: 2275D Doris Miller Loop	Address: 2276D Doris Miller Loop	
				Field Sample ID: F2-TW-0011397-23155-N-R2	Field Sample ID: F2-TW-0011397-23155-N-1	Field Sample ID: F2-TW-0011397-23155-N-2	Field Sample ID: F2-TW-0011413-23155-N	Field Sample ID: F2-TW-0011422-23155-N	Field Sample ID: F2-TW-0011431-23155-N	Field Sample ID: F2-TW-0011435-23155-N	Field Sample ID: F2-TW-0011435-23155-3-N
				Sample Date: 2023-08-09	Sample Date: 2023-08-09	Sample Date: 2023-08-09	Sample Date: 2023-08-02	Sample Date: 2023-08-31	Sample Date: 2023-08-01	Sample Date: 2023-08-02	Sample Date: 2023-08-02
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	--	--	--	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	--	--	--	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	--	--	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	--	--	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	--	--	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	--	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	--	--	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	--	--	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	--	--	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	--	--	--	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	--	--	--	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	--	--	--	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	--	--	--	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	--	--	--	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 June-November 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-DORI2267B			F2-DORI2271B		F2-DORI2273C		F2-DORI2275D		F2-DORI2276D	
		Location Type: Residence			Residence		Residence		Residence		Residence	
		Address: 2267B Doris Miller Loop			2271B Doris Miller Loop		2273C Doris Miller Loop		2275D Doris Miller Loop		2276D Doris Miller Loop	
		Field Sample ID:	F2-TW-0011397-23155-N-R2	F2-TW-0011397-23155-N-1	F2-TW-0011397-23155-N-2	F2-TW-0011413-23155-N	F2-TW-0011422-23155-N	F2-TW-0011431-23155-N	F2-TW-0011435-23155-N	F2-TW-0011435-23155-N	F2-TW-0011435-23155-3-N	
		Sample Date:	2023-08-09	2023-08-09	2023-08-09	2023-08-02	2023-08-31	2023-08-01	2023-08-02	2023-08-02		
		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)	Dibromoacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	--	--	--	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	ND	ND	ND	ND	ND	
	Bromoform	--	--	--	--	--	ND	3.50	ND	ND	ND	
	Chloroform	--	--	--	--	--	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	--	--	--	ND	0.950	ND	ND	ND	
	Total Trihalomethanes	80	MCL	--	--	--	ND	4.45	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 June-November 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-DRIS2985	F2-DRIS2991	F2-ENGE4056	F2-FINC4116	F2-FINC4129	F2-GILL3201	F2-GILL3204	F2-GILL3206	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2985 Driskell Drive	2991 Driskell Drive	4056 Enger Street	4116 Fincher Street	4129 Fincher Street	3201 Gillespie Lane	3204 Gillespie Lane	3206 Gillespie Lane	
		Field Sample ID:	F2-TW-0011441-23155-N	F2-TW-0011444-23155-N	F2-TW-0011458-23155-N	F2-TW-0011469-23155-N	F2-TW-0011474-23155-N-T	F2-TW-0011506-23155-N	F2-TW-0011509-23155-N	F2-TW-0011511-23155-N	
		Sample Date:	2023-09-08	2023-10-09	2023-08-01	2023-10-09	2023-06-30	2023-09-05	2023-09-01	2023-08-18	
		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	510	740	290	850	390	520	560	420
Field Test (ppb)	Free Chlorine	4000	MCL	510	740	290	850	390	520	560	420
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	67.0	103	ND	64.6	91.8	75.9	ND	70.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	67.0	103	ND	64.6	91.8	75.9	ND	70.9
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.730	ND	0.740	ND	0.860	ND	ND
	Barium	2000	MCL	2.10	2.00	2.00	2.20	2.30	2.00	2.00	2.30
	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	0.610	0.880	0.800	0.920	2.00	0.830	ND	ND
	Copper	1300	MCL	23.7	33.3	2.50	1.90	4.80	11.3	10.2	15.6
	Lead	15	MCL	0.430	2.50	ND	ND	0.140	0.360	0.270	0.350
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.30	1.40	1.90	1.40	ND	2.20	1.90	1.30
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	0.0250	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	0.530	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 June-November 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-DRIS2985	F2-DRIS2991	F2-ENGE4056	F2-FINC4116	F2-FINC4129	F2-GILL3201	F2-GILL3204	F2-GILL3206
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2985 Driskell Drive	2991 Driskell Drive	4056 Enger Street	4116 Fincher Street	4129 Fincher Street	3201 Gillespie Lane	3204 Gillespie Lane	3206 Gillespie Lane
		Field Sample ID:	F2-TW-0011441-23155-N	F2-TW-0011444-23155-N	F2-TW-0011458-23155-N	F2-TW-0011469-23155-N	F2-TW-0011474-23155-N-T	F2-TW-0011506-23155-N	F2-TW-0011509-23155-N	F2-TW-0011511-23155-N
		Sample Date:	2023-09-08	2023-10-09	2023-08-01	2023-10-09	2023-06-30	2023-09-05	2023-09-01	2023-08-18
		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 June-November 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-DRIS2985	F2-DRIS2991	F2-ENGE4056	F2-FINC4116	F2-FINC4129	F2-GILL3201	F2-GILL3204	F2-GILL3206
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2985 Driskell Drive	2991 Driskell Drive	4056 Enger Street	4116 Fincher Street	4129 Fincher Street	3201 Gillespie Lane	3204 Gillespie Lane	3206 Gillespie Lane
		Field Sample ID:	F2-TW-0011441-23155-N	F2-TW-0011444-23155-N	F2-TW-0011458-23155-N	F2-TW-0011469-23155-N	F2-TW-0011474-23155-N-T	F2-TW-0011506-23155-N	F2-TW-0011509-23155-N	F2-TW-0011511-23155-N
		Sample Date:	2023-09-08	2023-10-09	2023-08-01	2023-10-09	2023-06-30	2023-09-05	2023-09-01	2023-08-18
		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	0.810	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	2.20	0.570	0.430	ND	0.580
	Chloroform	--	--	ND	ND	0.520	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	2.00	0.520	0.260	ND	0.440
	Total Trihalomethanes	80	MCL	ND	ND	5.53	1.09	0.690	ND	1.02

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

Drinking Water Samples collected in June-November 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-GILL3219	F2-GILL3221	F2-GILL3222	F2-GILL3228		F2-GORD2629	F2-GORD2649	F2-GORD2659	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	3219 Gillespie Lane	3221 Gillespie Lane	3222 Gillespie Lane	3228 Gillespie Lane		2629 Gordon Street	2649 Gordon Street	2659 Gordon Street	
		Field Sample ID:	F2-TW-0011519-23155-N	F2-TW-0011521-23155-N	F2-TW-0011522-23155-N	F2-TW-0011526-23155-N	F2-TW-0011526-23155-3-N	F2-TW-0011547-23155-N	F2-TW-0011560-23155-N	F2-TW-0011565-23155-N	
		Sample Date:	2023-08-01	2023-09-13	2023-09-21	2023-08-01	2023-08-01	2023-09-01	2023-09-08	2023-09-12	
		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	310	620	350	420	420	300	440	410
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	97.0	ND	56.8	53.9	86.3	80.4	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	75.6	ND	ND	ND	69.6	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	173	ND	56.8	53.9	156	80.4	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.560	ND	ND	0.520	ND	ND
	Barium	2000	MCL	1.80	1.90	2.00	1.90	1.90	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	0.740	ND	ND	0.760	0.850	ND	ND	ND
	Copper	1300	MCL	7.90	5.00	7.00	22.9	15.0	5.30	5.50	6.70
	Lead	15	MCL	0.210	0.130	0.190	0.130	ND	0.130	ND	0.310
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.90	1.50	1.90	2.00	2.00	1.80	2.40	2.90
	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0880	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	0.0200	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

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

Drinking Water Samples collected in June-November 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-GILL3219	F2-GILL3221	F2-GILL3222	F2-GILL3228		F2-GORD2629	F2-GORD2649	F2-GORD2659
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	3219 Gillespie Lane	3221 Gillespie Lane	3222 Gillespie Lane	3228 Gillespie Lane		2629 Gordon Street	2649 Gordon Street	2659 Gordon Street
		Field Sample ID:	F2-TW-0011519-23155-N	F2-TW-0011521-23155-N	F2-TW-0011522-23155-N	F2-TW-0011526-23155-N	F2-TW-0011526-23155-3-N	F2-TW-0011547-23155-N	F2-TW-0011560-23155-N	F2-TW-0011565-23155-N
		Sample Date:	2023-08-01	2023-09-13	2023-09-21	2023-08-01	2023-08-01	2023-09-01	2023-09-08	2023-09-12
		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							
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 June-November 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-GILL3219	F2-GILL3221	F2-GILL3222	F2-GILL3228		F2-GORD2629	F2-GORD2649	F2-GORD2659
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	3219 Gillespie Lane	3221 Gillespie Lane	3222 Gillespie Lane	3228 Gillespie Lane		2629 Gordon Street	2649 Gordon Street	2659 Gordon Street
		Field Sample ID:	F2-TW-0011519-23155-N	F2-TW-0011521-23155-N	F2-TW-0011522-23155-N	F2-TW-0011526-23155-N	F2-TW-0011526-23155-3-N	F2-TW-0011547-23155-N	F2-TW-0011560-23155-N	F2-TW-0011565-23155-N
		Sample Date:	2023-08-01	2023-09-13	2023-09-21	2023-08-01	2023-08-01	2023-09-01	2023-09-08	2023-09-12
		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	--	--	0.320	0.340	ND	ND	0.390	0.320	0.400
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.260	0.250	ND	ND	0.380	ND	0.310
	Total Trihalomethanes	80	MCL	0.580	0.590	ND	ND	0.770	0.320	0.710

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

Drinking Water Samples collected in June-November 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-GORD2660		F2-GORD2683	F2-GORD2713	F2-GORD2717	F2-GORD2736	F2-GORD2775	F2-GORD2810	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2660 Gordon Street		2683 Gordon Street	2713 Gordon Street	2717 Gordon Street	2736 Gordon Street	2775 Gordon Street	2810 Gordon Street	
		Field Sample ID:	F2-TW-0011566-23155-N	F2-TW-0011566-23155-3-N	F2-TW-0011574-23155-N	F2-TW-0011584-23155-N	F2-TW-0011585-23155-N	F2-TW-0011594-23155-N	F2-TW-0011601-23155-N	F2-TW-0011607-23155-N-T	
		Sample Date:	2023-09-13	2023-09-13	2023-08-18	2023-09-22	2023-08-02	2023-10-09	2023-11-15	2023-06-30	
		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	460	460	440	340	260	760	480	500
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	72.4	73.1	65.0	ND	ND	79.3	ND	62.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	72.4	73.1	65.0	ND	ND	79.3	ND	62.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.680	0.550	ND	ND	ND	0.690	ND	ND
	Barium	2000	MCL	2.10	2.00	2.40	2.00	1.90	2.00	2.50	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	ND	ND	ND	ND	1.00	0.900	0.920	1.90
	Copper	1300	MCL	2.80	2.80	7.10	6.00	4.80	11.6	6.50	14.1
	Lead	15	MCL	0.160	0.150	0.390	0.240	0.250	0.290	0.200	0.200
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.90	2.90	1.20	1.60	1.90	1.30	2.30	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 June-November 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-GORD2660		F2-GORD2683	F2-GORD2713	F2-GORD2717	F2-GORD2736	F2-GORD2775	F2-GORD2810
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2660 Gordon Street		2683 Gordon Street	2713 Gordon Street	2717 Gordon Street	2736 Gordon Street	2775 Gordon Street	2810 Gordon Street
		Field Sample ID:	F2-TW-0011566-23155-N	F2-TW-0011566-23155-3-N	F2-TW-0011574-23155-N	F2-TW-0011584-23155-N	F2-TW-0011585-23155-N	F2-TW-0011594-23155-N	F2-TW-0011601-23155-N	F2-TW-0011607-23155-N-T
		Sample Date:	2023-09-13	2023-09-13	2023-08-18	2023-09-22	2023-08-02	2023-10-09	2023-11-15	2023-06-30
		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							
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 June-November 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-GORD2660		F2-GORD2683	F2-GORD2713	F2-GORD2717	F2-GORD2736	F2-GORD2775	F2-GORD2810
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2660 Gordon Street		2683 Gordon Street	2713 Gordon Street	2717 Gordon Street	2736 Gordon Street	2775 Gordon Street	2810 Gordon Street
		Field Sample ID:	F2-TW-0011566-23155-N	F2-TW-0011566-23155-3-N	F2-TW-0011574-23155-N	F2-TW-0011584-23155-N	F2-TW-0011585-23155-N	F2-TW-0011594-23155-N	F2-TW-0011601-23155-N	F2-TW-0011607-23155-N-T
		Sample Date:	2023-09-13	2023-09-13	2023-08-18	2023-09-22	2023-08-02	2023-10-09	2023-11-15	2023-06-30
		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	0.330	ND	ND
	Bromoform	--	--	1.30	0.390	0.610	0.670	1.60	0.820	0.510
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.790	0.320	ND	0.350	0.490	0.800	0.320
	Total Trihalomethanes	80	MCL	2.09	0.710	0.610	1.02	2.09	1.95	0.830

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

Drinking Water Samples collected in June-November 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-GORD2860	F2-HAIL3094	F2-HAIL3102	F2-HAIL3116	F2-HAMM5303	F2-JALU3298	F2-JALU3308	F2-KILM3361	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2860 Gordon Street	3094 Hailey Court	3102 Hailey Court	3116 Hailey Court	5303 Hammond Lane	3298 Jaluit Lane	3308 Jaluit Lane	3361 Kilmer Street	
		Field Sample ID:	F2-TW-0011621-23155-N	F2-TW-0011631-23155-N	F2-TW-0011635-23155-N	F2-TW-0011642-23155-N	F2-TW-0011666-23155-N	F2-TW-0011706-23155-N	F2-TW-0011713-23155-N	F2-TW-0011733-23155-N	
		Sample Date:	2023-09-01	2023-08-18	2023-08-28	2023-09-05	2023-09-05	2023-09-05	2023-08-18	2023-10-12	
		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	860	340	420	500	690	430	540	380
Field Test (ppb)	Free Chlorine	4000	MCL	860	340	420	500	690	430	540	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	107	61.1	68.4	105	76.7	89.9	ND	65.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	72.2	ND	ND	ND	ND	90.8	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	179	61.1	68.4	105	76.7	181	ND	65.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.540	ND	ND	0.960	0.970	0.830	ND	ND
	Barium	2000	MCL	2.10	1.90	2.00	1.90	1.90	1.90	1.90	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	ND	ND	0.620	0.830	0.790	0.760	ND	0.840
	Copper	1300	MCL	4.90	24.0	21.5	13.0	9.40	6.70	7.40	10.8
	Lead	15	MCL	0.130	0.140	0.220	ND	0.200	0.350	0.180	ND
	Mercury	2	MCL	ND	ND	ND	ND	0.0310	0.0260	ND	ND
	Selenium	50	MCL	1.90	1.10	1.70	2.20	2.20	2.10	1.20	0.980
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	0.0190	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

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

Drinking Water Samples collected in June-November 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-GORD2860	F2-HAIL3094	F2-HAIL3102	F2-HAIL3116	F2-HAMM5303	F2-JALU3298	F2-JALU3308	F2-KILM3361
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2860 Gordon Street	3094 Hailey Court	3102 Hailey Court	3116 Hailey Court	5303 Hammond Lane	3298 Jaluit Lane	3308 Jaluit Lane	3361 Kilmer Street
		Field Sample ID:	F2-TW-0011621-23155-N	F2-TW-0011631-23155-N	F2-TW-0011635-23155-N	F2-TW-0011642-23155-N	F2-TW-0011666-23155-N	F2-TW-0011706-23155-N	F2-TW-0011713-23155-N	F2-TW-0011733-23155-N
		Sample Date:	2023-09-01	2023-08-18	2023-08-28	2023-09-05	2023-09-05	2023-09-05	2023-08-18	2023-10-12
		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 June-November 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-GORD2860	F2-HAIL3094	F2-HAIL3102	F2-HAIL3116	F2-HAMM5303	F2-JALU3298	F2-JALU3308	F2-KILM3361
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2860 Gordon Street	3094 Hailey Court	3102 Hailey Court	3116 Hailey Court	5303 Hammond Lane	3298 Jaluit Lane	3308 Jaluit Lane	3361 Kilmer Street
		Field Sample ID:	F2-TW-0011621-23155-N	F2-TW-0011631-23155-N	F2-TW-0011635-23155-N	F2-TW-0011642-23155-N	F2-TW-0011666-23155-N	F2-TW-0011706-23155-N	F2-TW-0011713-23155-N	F2-TW-0011733-23155-N
		Sample Date:	2023-09-01	2023-08-18	2023-08-28	2023-09-05	2023-09-05	2023-09-05	2023-08-18	2023-10-12
		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	0.410	ND
	Bromoform	--	--	0.270	0.550	1.30	ND	ND	1.00	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	0.290	ND
	Dibromochloromethane	--	--	0.310	ND	0.680	ND	ND	0.960	ND
	Total Trihalomethanes	80	MCL	0.580	0.550	1.98	ND	ND	2.66	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 June-November 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-KILM5414	F2-KILM5425	F2-KILM5436		F2-KOAI1652	F2-KOAI1659	F2-KOAI1666	F2-KOEL5308	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	5414 Kilmer Lane	5425 Kilmer Lane	5436 Kilmer Lane		1652 Koaia Court	1659 Koaia Court	1666 Koaia Court	5308 Koelsch Lane	
		Field Sample ID:	F2-TW-0011749-23155-N	F2-TW-0011755-23155-N	F2-TW-0011763-23155-N	F2-TW-0011763-23155-3-N	F2-TW-0011789-23155-N	F2-TW-0009840-23155-N	F2-TW-0009844-23155-N	F2-TW-0009854-23155-N	
		Sample Date:	2023-08-18	2023-08-18	2023-08-02	2023-08-02	2023-07-24	2023-07-24	2023-09-05	2023-08-02	
		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	460	660	660	230	300	370	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	62.1	ND	ND	60.3	ND	70.9	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	53.4	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	62.1	ND	ND	114	ND	70.9	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	0.860	ND
	Barium	2000	MCL	1.90	1.90	2.40	1.90	1.90	1.90	1.90	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	ND	ND	1.20	1.10	0.780	0.720	0.820	1.00
	Copper	1300	MCL	6.00	12.1	6.10	5.10	60.2	88.3	38.7	13.0
	Lead	15	MCL	0.180	ND	0.630	0.150	0.350	0.310	0.150	0.310
	Mercury	2	MCL	ND	ND	ND	ND	0.0280	ND	ND	ND
	Selenium	50	MCL	1.10	1.10	2.00	1.90	1.70	1.80	2.20	1.80
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	2.00	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 June-November 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:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				F2-KILM5414	F2-KILM5425	F2-KILM5436		F2-KOAI1652	F2-KOAI1659	F2-KOAI1666	F2-KOEL5308
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				5414 Kilmer Lane	5425 Kilmer Lane	5436 Kilmer Lane		1652 Koaia Court	1659 Koaia Court	1666 Koaia Court	5308 Koelsch Lane
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				F2-TW-0011749-23155-N	F2-TW-0011755-23155-N	F2-TW-0011763-23155-N	F2-TW-0011763-23155-3-N	F2-TW-0011789-23155-N	F2-TW-0009840-23155-N	F2-TW-0009844-23155-N	F2-TW-0009854-23155-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2023-08-18	2023-08-18	2023-08-02	2023-08-02	2023-07-24	2023-07-24	2023-09-05	2023-08-02
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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 June-November 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-KILM5414	F2-KILM5425	F2-KILM5436		F2-KOAI1652	F2-KOAI1659	F2-KOAI1666	F2-KOEL5308
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	5414 Kilmer Lane	5425 Kilmer Lane	5436 Kilmer Lane		1652 Koaia Court	1659 Koaia Court	1666 Koaia Court	5308 Koelsch Lane
				Field Sample ID:	F2-TW-0011749-23155-N	F2-TW-0011755-23155-N	F2-TW-0011763-23155-N	F2-TW-0011763-23155-3-N	F2-TW-0011789-23155-N	F2-TW-0009840-23155-N	F2-TW-0009844-23155-N	F2-TW-0009854-23155-N
				Sample Date:	2023-08-18	2023-08-18	2023-08-02	2023-08-02	2023-07-24	2023-07-24	2023-09-05	2023-08-02
				Sample Type:	N (Normal)	N (Normal)	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	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	--	--	ND	0.790	ND	ND	ND	ND	0.430	0.290	0.290
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.500	ND	ND	ND	ND	0.340	ND	ND
	Total Trihalomethanes	80	MCL	ND	1.29	ND	ND	ND	ND	0.770	0.290	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 June-November 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-KOEL5308	F2-KOUH1841	F2-LOUN4115	F2-MALO3249	F2-MALO3263	F2-MCCU1023	F2-MCCU1035	F2-MCFA0813	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5308 Koelsch Lane	1841 Kou Haole Loop	4115 Lounsbury Street	3249 Maloelap Street	3263 Maloelap Street	1023 McCurry Place	1035 McCurry Place	813 McFaddin Street	
		Field Sample ID:	F2-TW-0009854-23155-3-N	F2-TW-0009855-23155-N	F2-TW-0009889-23155-N	F2-TW-0009896-23155-N	F2-TW-0009900-23155-N	F2-TW-0009910-23155-N	F2-TW-0009922-23155-N	F2-TW-0009939-23155-N-T	
		Sample Date:	2023-08-02	2023-07-31	2023-08-18	2023-10-30	2023-11-14	2023-08-31	2023-07-24	2023-07-31	
		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	450	430	460	610	510	580	570	510
Field Test (ppb)	Free Chlorine	4000	MCL	450	430	460	610	510	580	570	510
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 Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	58.1
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	58.1
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	1.80	2.00	2.00	1.90	2.30	2.00	1.90	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	1.20	0.710	ND	0.590	0.970	ND	0.790	0.700
	Copper	1300	MCL	10.5	55.5	7.90	16.2	10.1	7.70	139	5.60
	Lead	15	MCL	0.230	0.160	0.250	0.160	0.370	0.420	0.550	0.220
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0340	ND
	Selenium	50	MCL	1.70	1.80	1.50	2.10	2.20	1.90	2.30	2.50
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	0.520	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 June-November 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-KOEL5308	F2-KOUH1841	F2-LOUN4115	F2-MALO3249	F2-MALO3263	F2-MCCU1023	F2-MCCU1035	F2-MCFA0813
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5308 Koelsch Lane	1841 Kou Haole Loop	4115 Lounsbury Street	3249 Maloelap Street	3263 Maloelap Street	1023 McCurry Place	1035 McCurry Place	813 McFaddin Street
		Field Sample ID:	F2-TW-0009854-23155-3-N	F2-TW-0009855-23155-N	F2-TW-0009889-23155-N	F2-TW-0009896-23155-N	F2-TW-0009900-23155-N	F2-TW-0009910-23155-N	F2-TW-0009922-23155-N	F2-TW-0009939-23155-N-T
		Sample Date:	2023-08-02	2023-07-31	2023-08-18	2023-10-30	2023-11-14	2023-08-31	2023-07-24	2023-07-31
		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 June-November 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-KOEL5308	F2-KOUH1841	F2-LOUN4115	F2-MALO3249	F2-MALO3263	F2-MCCU1023	F2-MCCU1035	F2-MCFA0813
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5308 Koelsch Lane	1841 Kou Haole Loop	4115 Lounsbury Street	3249 Maloelap Street	3263 Maloelap Street	1023 McCurry Place	1035 McCurry Place	813 McFaddin Street
		Field Sample ID:	F2-TW-0009854-23155-3-N	F2-TW-0009855-23155-N	F2-TW-0009889-23155-N	F2-TW-0009896-23155-N	F2-TW-0009900-23155-N	F2-TW-0009910-23155-N	F2-TW-0009922-23155-N	F2-TW-0009939-23155-N-T
		Sample Date:	2023-08-02	2023-07-31	2023-08-18	2023-10-30	2023-11-14	2023-08-31	2023-07-24	2023-07-31
		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
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	0.410	ND	ND
	Bromoform	--	--	0.320	0.330	ND	0.340	0.900	1.00	0.560
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.270	0.610	0.990	0.490
	Total Trihalomethanes	80	MCL	0.320	0.330	ND	0.610	1.51	2.40	1.05

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

Drinking Water Samples collected in June-November 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-MCFA0830	F2-MEYE0614	F2-MEYE0655	F2-MOOR3033		F2-MOOR3037	F2-MURR0688	F2-MURR0692
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	830 McFaddin Street	614 Meyerkord Loop	655 Meyerkord Loop	3033 Moore Drive		3037 Moore Drive	688 Murray Drive	692 Murray Drive
				Field Sample ID:	F2-TW-0009946-23155-N	F2-TW-0009957-23155-N-T	F2-TW-0009972-23155-N	F2-TW-0009988-23155-N	F2-TW-0009988-23155-3-N	F2-TW-0009990-23155-N	F2-TW-0010080-23155-N	F2-TW-0010082-23155-N
				Sample Date:	2023-07-31	2023-06-30	2023-07-31	2023-08-04	2023-08-04	2023-09-21	2023-08-31	2023-09-21
				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	430	570	500	130	130	160	580	250	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	87.2	ND	58.4	66.0	94.5	81.9	98.6	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	80.4	ND	ND	ND	ND	97.9	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	168	ND	58.4	66.0	94.5	180	98.6	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	2.00	1.90	1.90	2.00	2.10	2.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.860	1.90	0.830	0.670	0.780	0.520	ND	ND	ND
	Copper	1300	MCL	7.10	5.30	9.70	27.1	26.9	15.4	4.60	56.2	
	Lead	15	MCL	0.360	0.170	0.540	ND	ND	ND	0.160	4.30	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.60	ND	2.00	1.90	2.00	1.80	2.00	1.80	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	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 June-November 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-MCFA0830	F2-MEYE0614	F2-MEYE0655	F2-MOOR3033		F2-MOOR3037	F2-MURR0688	F2-MURR0692
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	830 McFaddin Street	614 Meyerkord Loop	655 Meyerkord Loop	3033 Moore Drive		3037 Moore Drive	688 Murray Drive	692 Murray Drive
		Field Sample ID:	F2-TW-0009946-23155-N	F2-TW-0009957-23155-N-T	F2-TW-0009972-23155-N	F2-TW-0009988-23155-N	F2-TW-0009988-23155-3-N	F2-TW-0009990-23155-N	F2-TW-0010080-23155-N	F2-TW-0010082-23155-N
		Sample Date:	2023-07-31	2023-06-30	2023-07-31	2023-08-04	2023-08-04	2023-09-21	2023-08-31	2023-09-21
		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							
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 June-November 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-MCFA0830	F2-MEYE0614	F2-MEYE0655	F2-MOOR3033		F2-MOOR3037	F2-MURR0688	F2-MURR0692
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	830 McFaddin Street	614 Meyerkord Loop	655 Meyerkord Loop	3033 Moore Drive		3037 Moore Drive	688 Murray Drive	692 Murray Drive
		Field Sample ID:	F2-TW-0009946-23155-N	F2-TW-0009957-23155-N-T	F2-TW-0009972-23155-N	F2-TW-0009988-23155-N	F2-TW-0009988-23155-3-N	F2-TW-0009990-23155-N	F2-TW-0010080-23155-N	F2-TW-0010082-23155-N
		Sample Date:	2023-07-31	2023-06-30	2023-07-31	2023-08-04	2023-08-04	2023-09-21	2023-08-31	2023-09-21
		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	--	--	0.420	ND	ND	0.410	0.360	0.350	0.430
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.370	ND	ND	ND	0.260	ND	0.300
	Total Trihalomethanes	80	MCL	0.790	ND	ND	0.410	0.620	0.350	0.730

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

Drinking Water Samples collected in June-November 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-MURR0722	F2-MURR0726	F2-MURR0736	F2-MURR0760	F2-MURR0763	F2-MURR0766	F2-MURR0794	F2-MURR0798	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	722 Murray Drive	726 Murray Drive	736 Murray Drive	760 Murray Drive	763 Murray Drive	766 Murray Drive	794 Murray Drive	798 Murray Drive	
		Field Sample ID:	F2-TW-0010083-23155-N	F2-TW-0010085-23155-N	F2-TW-0010092-23155-N	F2-TW-0010099-23155-N	F2-TW-0010102-23155-N-T	F2-TW-0010104-23155-N	F2-TW-0010112-23155-N	F2-TW-0010116-23155-N	
		Sample Date:	2023-09-08	2023-09-08	2023-09-08	2023-09-13	2023-07-24	2023-08-01	2023-08-02	2023-11-15	
		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	450	520	520	540	220	610	870	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	54.1	128	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	54.1	128	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.520	0.530	0.610	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.10	2.10	2.00	2.00	1.90	1.90	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	0.500	ND	ND	ND	0.730	0.680	0.960	0.840
	Copper	1300	MCL	5.90	5.10	2.80	0.990	45.8	10.2	7.40	10.8
	Lead	15	MCL	0.190	0.260	0.130	ND	0.910	0.560	0.370	0.430
	Mercury	2	MCL	ND	ND	ND	ND	0.0320	ND	ND	ND
	Selenium	50	MCL	2.20	2.50	2.60	2.90	1.80	2.00	2.30	2.10
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 June-November 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-MURR0722	F2-MURR0726	F2-MURR0736	F2-MURR0760	F2-MURR0763	F2-MURR0766	F2-MURR0794	F2-MURR0798
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	722 Murray Drive	726 Murray Drive	736 Murray Drive	760 Murray Drive	763 Murray Drive	766 Murray Drive	794 Murray Drive	798 Murray Drive
		Field Sample ID:	F2-TW-0010083-23155-N	F2-TW-0010085-23155-N	F2-TW-0010092-23155-N	F2-TW-0010099-23155-N	F2-TW-0010102-23155-N-T	F2-TW-0010104-23155-N	F2-TW-0010112-23155-N	F2-TW-0010116-23155-N
		Sample Date:	2023-09-08	2023-09-08	2023-09-08	2023-09-13	2023-07-24	2023-08-01	2023-08-02	2023-11-15
		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 June-November 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-MURR0722	F2-MURR0726	F2-MURR0736	F2-MURR0760	F2-MURR0763	F2-MURR0766	F2-MURR0794	F2-MURR0798
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	722 Murray Drive	726 Murray Drive	736 Murray Drive	760 Murray Drive	763 Murray Drive	766 Murray Drive	794 Murray Drive	798 Murray Drive
		Field Sample ID:	F2-TW-0010083-23155-N	F2-TW-0010085-23155-N	F2-TW-0010092-23155-N	F2-TW-0010099-23155-N	F2-TW-0010102-23155-N-T	F2-TW-0010104-23155-N	F2-TW-0010112-23155-N	F2-TW-0010116-23155-N
		Sample Date:	2023-09-08	2023-09-08	2023-09-08	2023-09-13	2023-07-24	2023-08-01	2023-08-02	2023-11-15
		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	0.340	0.490	ND	0.520
	Bromoform	--	--	0.340	0.400	ND	0.890	1.40	0.260	1.50
	Chloroform	--	--	ND	ND	ND	ND	0.360	ND	0.320
	Dibromochloromethane	--	--	0.260	0.350	ND	0.840	1.20	ND	1.30
	Total Trihalomethanes	80	MCL	0.600	0.750	ND	2.07	3.45	0.260	3.64

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

Drinking Water Samples collected in June-November 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-MURR0862	F2-MURR0883	F2-MURR0884		F2-MURR0890	F2-MURR0929	F2-MURR0940	F2-MURR0941
		Location Type:		Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:		862 Murray Drive	883 Murray Drive	884 Murray Drive		890 Murray Drive	929 Murray Drive	940 Murray Drive	941 Murray Drive
		Field Sample ID:		F2-TW-0010139-23155-N	F2-TW-0010153-23155-N	F2-TW-0010154-23155-N	F2-TW-0010154-23155-3-N	F2-TW-0010157-23155-N	F2-TW-0010165-23155-N	F2-TW-0010171-23155-N	F2-TW-0010172-23155-N
		Sample Date:		2023-07-31	2023-08-02	2023-08-03	2023-08-03	2023-08-01	2023-08-28	2023-08-01	2023-08-09
		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	680	550	490	490	120	670	520	500
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	72.1	ND	56.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	57.0	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	57.0	ND	ND	ND	72.1	ND	56.7
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	0.610
	Barium	2000	MCL	1.90	1.90	2.10	1.80	1.90	1.90	2.70	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	0.880	1.00	0.970	1.00	0.840	0.670	0.820	0.570
	Copper	1300	MCL	8.60	6.50	6.00	4.60	3.30	3.80	10.8	6.90
	Lead	15	MCL	0.520	0.400	0.310	0.250	0.260	0.140	0.400	0.400
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.70	1.90	1.70	1.80	1.80	1.70	1.80	2.80
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	0.0190	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	0.670	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 June-November 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-MURR0862	F2-MURR0883	F2-MURR0884		F2-MURR0890	F2-MURR0929	F2-MURR0940	F2-MURR0941
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	862 Murray Drive	883 Murray Drive	884 Murray Drive		890 Murray Drive	929 Murray Drive	940 Murray Drive	941 Murray Drive
		Field Sample ID:	F2-TW-0010139-23155-N	F2-TW-0010153-23155-N	F2-TW-0010154-23155-N	F2-TW-0010154-23155-3-N	F2-TW-0010157-23155-N	F2-TW-0010165-23155-N	F2-TW-0010171-23155-N	F2-TW-0010172-23155-N
		Sample Date:	2023-07-31	2023-08-02	2023-08-03	2023-08-03	2023-08-01	2023-08-28	2023-08-01	2023-08-09
		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	1.30	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 June-November 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-MURR0862	F2-MURR0883	F2-MURR0884		F2-MURR0890	F2-MURR0929	F2-MURR0940	F2-MURR0941
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	862 Murray Drive	883 Murray Drive	884 Murray Drive		890 Murray Drive	929 Murray Drive	940 Murray Drive	941 Murray Drive
		Field Sample ID:	F2-TW-0010139-23155-N	F2-TW-0010153-23155-N	F2-TW-0010154-23155-N	F2-TW-0010154-23155-3-N	F2-TW-0010157-23155-N	F2-TW-0010165-23155-N	F2-TW-0010171-23155-N	F2-TW-0010172-23155-N
		Sample Date:	2023-07-31	2023-08-02	2023-08-03	2023-08-03	2023-08-01	2023-08-28	2023-08-01	2023-08-09
		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	1.30	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.430	ND	ND	ND	ND
	Bromoform	--	--	0.470	0.290	1.00	0.370	0.320	0.290	0.700
	Chloroform	--	--	ND	ND	0.280	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.440	ND	1.10	0.340	0.280	0.280	0.590
	Total Trihalomethanes	80	MCL	0.910	0.290	2.81	0.710	0.600	0.570	1.29

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

Drinking Water Samples collected in June-November 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-MURR0951	F2-NOON4033	F2-NOON4065	F2-NYEC1622	F2-NYEC1726	F2-NYEC1788		F2-NYEP1938	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residential Child Care	
		Address:	951 Murray Drive	4033 Noonan Street	4065 Noonan Street	1622 Nye Circle	1726 Nye Circle	1788 Nye Circle		1938 Nye Place (CDH)	
		Field Sample ID:	F2-TW-0010180-23155-N	F2-TW-0010403-23155-N	F2-TW-0010417-23155-N	F2-TW-0010427-23155-N	F2-TW-0010437-23155-N	F2-TW-0010439-23155-N	F2-TW-0010439-23155-3-N	F2-TW-0010449-23155-N	
		Sample Date:	2023-08-09	2023-09-01	2023-08-01	2023-07-24	2023-08-31	2023-08-18	2023-08-18	2023-08-02	
		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	570	660	530	430	560	140	140	150
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	81.9	ND	ND	90.4	71.3	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	79.2	70.5	ND	ND	57.1
	Petroleum Hydrocarbons, Total	266	ISP	ND	81.9	ND	79.2	161	71.3	ND	57.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.560	0.520	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.00	2.00	1.90	2.00	1.90	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	0.620	ND	0.760	0.730	ND	ND	ND	1.00
	Copper	1300	MCL	5.10	4.00	5.80	7.00	36.0	69.0	53.0	44.1
	Lead	15	MCL	0.460	ND	0.200	0.370	ND	0.790	0.390	0.380
	Mercury	2	MCL	ND	ND	ND	0.0280	ND	ND	ND	ND
	Selenium	50	MCL	2.20	1.80	2.60	1.60	1.90	1.40	1.40	2.50
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	0.0190	ND	ND	0.0170	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 June-November 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:	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:		Location ID:
				Location Type:	Location Type:	Location Type:	Location Type:	Location Type:	Location Type:		Location Type:
				Address:	Address:	Address:	Address:	Address:	Address:		Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				F2-MURR0951	F2-NOON4033	F2-NOON4065	F2-NYEC1622	F2-NYEC1726	F2-NYEC1788		F2-NYEP1938
				Residence	Residence	Residence	Residence	Residence	Residence		Residential Child Care
				951 Murray Drive	4033 Noonan Street	4065 Noonan Street	1622 Nye Circle	1726 Nye Circle	1788 Nye Circle		1938 Nye Place (CDH)
				F2-TW-0010180-23155-N	F2-TW-0010403-23155-N	F2-TW-0010417-23155-N	F2-TW-0010427-23155-N	F2-TW-0010437-23155-N	F2-TW-0010439-23155-N	F2-TW-0010439-23155-3-N	F2-TW-0010449-23155-N
				2023-08-09	2023-09-01	2023-08-01	2023-07-24	2023-08-31	2023-08-18	2023-08-18	2023-08-02
				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	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 June-November 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-MURR0951	F2-NOON4033	F2-NOON4065	F2-NYEC1622	F2-NYEC1726	F2-NYEC1788		F2-NYEP1938
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residential Child Care
		Address:	951 Murray Drive	4033 Noonan Street	4065 Noonan Street	1622 Nye Circle	1726 Nye Circle	1788 Nye Circle		1938 Nye Place (CDH)
		Field Sample ID:	F2-TW-0010180-23155-N	F2-TW-0010403-23155-N	F2-TW-0010417-23155-N	F2-TW-0010427-23155-N	F2-TW-0010437-23155-N	F2-TW-0010439-23155-N	F2-TW-0010439-23155-3-N	F2-TW-0010449-23155-N
		Sample Date:	2023-08-09	2023-09-01	2023-08-01	2023-07-24	2023-08-31	2023-08-18	2023-08-18	2023-08-02
		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	--	--	0.500	0.340	0.820	0.940	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.370	ND	0.460	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.870	0.340	1.28	0.940	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 June-November 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-OCAL1909	F2-OCAL1952	F2-OCAL1962					
				Location Type:	Residence	Residence	Residence					
				Address:	1909 O'Callahan Street	1952 O'Callahan Street	1962 O'Callahan Street					
				Field Sample ID:	F2-TW-0010457-23155-N	F2-TW-0010468-23155-N	F2-TW-0010473-23155-N	F2-TW-0010473-23155-N-R1	F2-TW-0010473-23155-N-R2	F2-TW-0010473-23155-N-1	F2-TW-0010473-23155-N-2	F2-TW-0010473-23155-N-3
				Sample Date:	2023-09-01	2023-08-31	2023-07-31	2023-08-08	2023-08-09	2023-08-09	2023-08-09	2023-08-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	590	650	380	530	450-530	450-530	450-530	450-530	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	--	--	--	--	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	86.5	60.6	ND	ND	64.3	96.0	112	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	86.5	60.6	ND	ND	64.3	96.0	112	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	--	--	--	--	--	
	Arsenic	10	MCL	0.540	ND	ND	--	--	--	--	--	
	Barium	2000	MCL	2.00	1.90	1.90	--	--	--	--	--	
	Beryllium	4	MCL	ND	ND	ND	--	--	--	--	--	
	Cadmium	5	MCL	ND	ND	ND	--	--	--	--	--	
	Chromium	100	MCL	ND	ND	0.730	--	--	--	--	--	
	Copper	1300	MCL	9.30	3.60	3.90	--	--	--	--	--	
	Lead	15	MCL	0.460	0.440	0.200	--	--	--	--	--	
	Mercury	2	MCL	ND	ND	ND	--	--	--	--	--	
	Selenium	50	MCL	1.90	2.30	1.80	--	--	--	--	--	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	--	--	--	--	--	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	--	--	--	--	--	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	--	--	--	--	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	--	--	--	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	--	--	--	--	--	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	--	--	--	--	--	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	--	--	--	--	--	
	1,1,2-Trichloroethane	5	MCL	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 June-November 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-OCAL1909	F2-OCAL1952	F2-OCAL1962					
				Location Type:	Residence	Residence	Residence					
				Address:	1909 O'Callahan Street	1952 O'Callahan Street	1962 O'Callahan Street					
				Field Sample ID:	F2-TW-0010457-23155-N	F2-TW-0010468-23155-N	F2-TW-0010473-23155-N	F2-TW-0010473-23155-N-R1	F2-TW-0010473-23155-N-R2	F2-TW-0010473-23155-N-1	F2-TW-0010473-23155-N-2	F2-TW-0010473-23155-N-3
				Sample Date:	2023-09-01	2023-08-31	2023-07-31	2023-08-08	2023-08-09	2023-08-09	2023-08-09	2023-08-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	--	--	--	--	--	--
	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	--	--	--	--	--	--

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

Drinking Water Samples collected in June-November 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-OCAL1909	F2-OCAL1952	F2-OCAL1962					
				Location Type:	Residence	Residence	Residence					
				Address:	1909 O'Callahan Street	1952 O'Callahan Street	1962 O'Callahan Street					
				Field Sample ID:	F2-TW-0010457-23155-N	F2-TW-0010468-23155-N	F2-TW-0010473-23155-N	F2-TW-0010473-23155-N-R1	F2-TW-0010473-23155-N-R2	F2-TW-0010473-23155-N-1	F2-TW-0010473-23155-N-2	F2-TW-0010473-23155-N-3
				Sample Date:	2023-09-01	2023-08-31	2023-07-31	2023-08-08	2023-08-09	2023-08-09	2023-08-09	2023-08-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Dichloroacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Trichloroacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	ND	ND	--	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.670	--	--	--	--	--	--
	Bromoform	--	--	ND	0.260	1.70	--	--	--	--	--	--
	Chloroform	--	--	ND	ND	0.410	--	--	--	--	--	--
	Dibromochloromethane	--	--	ND	ND	1.70	--	--	--	--	--	--
	Total Trihalomethanes	80	MCL	ND	0.260	4.48	--	--	--	--	--	--

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

Drinking Water Samples collected in June-November 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-OCAL1962		F2-PAUL0576	F2-PELT0582		F2-PETE3238	F2-PETE3240	F2-PETE3242
				Location ID:	Location Type:	Address:	Residence	Residence	Residence	Residence	Residence
				1962 O'Callahan Street		576 Paul Lane	582 Peltier Avenue		3238 Peterson Court	3240 Peterson Court	3242 Peterson Court
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				23155-N-4	23155-N-5	23155-N	23155-N	23155-3-N	23155-N	23155-N-T	23155-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2023-08-09	2023-08-09	2023-08-09	2023-09-01	2023-09-01	2023-09-08	2023-06-30	2023-09-05
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	450-530	450-530	470	550	550	570	450	440
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	--	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	93.5	53.0	ND	95.6	81.2	63.8	98.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	93.5	53.0	ND	95.6	81.2	63.8	98.7
Metals (ppb)	Antimony	6	MCL	--	--	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	--	--	0.720	0.550	0.530	0.570	ND	0.990
	Barium	2000	MCL	--	--	1.80	2.20	2.20	2.20	2.20	2.00
	Beryllium	4	MCL	--	--	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	--	--	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	--	--	0.740	ND	ND	0.550	2.00	0.750
	Copper	1300	MCL	--	--	13.4	6.00	5.20	19.6	22.4	24.4
	Lead	15	MCL	--	--	0.360	0.850	0.350	ND	ND	ND
	Mercury	2	MCL	--	--	ND	ND	ND	0.0250	ND	ND
	Selenium	50	MCL	--	--	3.10	1.90	1.80	2.70	ND	2.30
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	--	--	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	--	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	--	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	--	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	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 June-November 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-OCAL1962		Location ID: F2-PAUL0576		Location ID: F2-PELT0582		Location ID: F2-PETE3238	Location ID: F2-PETE3240	Location ID: F2-PETE3242
				Residence 1962 O'Callahan Street		Residence 576 Paul Lane		Residence 582 Peltier Avenue		Residence 3238 Peterson Court	Residence 3240 Peterson Court	Residence 3242 Peterson Court
				Field Sample ID:	F2-TW-0010473-23155-N-4	F2-TW-0010473-23155-N-5	F2-TW-0010531-23155-N	F2-TW-0010537-23155-N	F2-TW-0010537-23155-3-N	F2-TW-0010555-23155-N	F2-TW-0010556-23155-N-T	F2-TW-0010557-23155-N
				Sample Date:	2023-08-09	2023-08-09	2023-08-09	2023-09-01	2023-09-01	2023-09-08	2023-06-30	2023-09-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
Vinyl chloride	2	MCL	--	--	--	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	--	--	--	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	--	--	--	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 June-November 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-OCAL1962		F2-PAUL0576	F2-PELT0582		F2-PETE3238	F2-PETE3240	F2-PETE3242	
				Location Type: Residence		Residence	Residence		Residence	Residence	Residence	
				Address: 1962 O'Callahan Street		576 Paul Lane	582 Peltier Avenue		3238 Peterson Court	3240 Peterson Court	3242 Peterson Court	
				Field Sample ID:	F2-TW-0010473-23155-N-4	F2-TW-0010473-23155-N-5	F2-TW-0010531-23155-N	F2-TW-0010537-23155-N	F2-TW-0010537-23155-3-N	F2-TW-0010555-23155-N	F2-TW-0010556-23155-N-T	F2-TW-0010557-23155-N
				Sample Date:	2023-08-09	2023-08-09	2023-08-09	2023-09-01	2023-09-01	2023-09-08	2023-06-30	2023-09-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	--	--	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	--	--	0.410	0.390	0.440	0.270	0.270	ND	
	Chloroform	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	--	--	0.330	0.300	0.350	ND	ND	ND	
	Total Trihalomethanes	80	MCL	--	--	0.740	0.690	0.790	0.270	0.270	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 June-November 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-PLUM1652	F2-POOL0669	F2-POOL0673	F2-POOL0734		F2-POOL0740		F2-ROGE0811	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	1652 Plumbago Court	669 Pool Street	673 Pool Street	734 Pool Street		740 Pool Street		811 Rogers Street	
		Field Sample ID:	F2-TW-0010804-23155-N	F2-TW-0010831-23155-N	F2-TW-0010832-23155-N	F2-TW-0010840-23155-N	F2-TW-0010840-23155-3-N	F2-TW-0010843-23155-N	F2-TW-0010843-23155-3-N	F2-TW-0010858-23155-N	
		Sample Date:	2023-11-03	2023-08-31	2023-09-12	2023-08-28	2023-08-28	2023-09-21	2023-09-21	2023-09-05	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	340	830	440	910	910	510	510	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	70.9	59.9	114	95.8	79.7	105	66.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	70.9	59.9	114	95.8	79.7	105	66.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	0.530	0.880
	Barium	2000	MCL	2.00	2.00	2.00	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	0.680	ND	ND	0.700	0.680	ND	ND	0.800
	Copper	1300	MCL	102	3.80	5.30	3.90	3.90	3.70	3.70	4.10
	Lead	15	MCL	0.160	ND	0.160	ND	ND	ND	ND	0.270
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.90	2.10	2.20	1.80	1.80	1.60	1.90	2.20
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	0.100	ND	0.0210	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 June-November 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-PLUM1652	F2-POOL0669	F2-POOL0673	F2-POOL0734		F2-POOL0740		F2-ROGE0811
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
		Address:	1652 Plumbago Court	669 Pool Street	673 Pool Street	734 Pool Street		740 Pool Street		811 Rogers Street
		Field Sample ID:	F2-TW-0010804-23155-N	F2-TW-0010831-23155-N	F2-TW-0010832-23155-N	F2-TW-0010840-23155-N	F2-TW-0010840-23155-3-N	F2-TW-0010843-23155-N	F2-TW-0010843-23155-3-N	F2-TW-0010858-23155-N
		Sample Date:	2023-11-03	2023-08-31	2023-09-12	2023-08-28	2023-08-28	2023-09-21	2023-09-21	2023-09-05
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	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 June-November 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-PLUM1652	F2-POOL0669	F2-POOL0673	F2-POOL0734		F2-POOL0740		F2-ROGE0811		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence	Residence
					1652 Plumbago Court	669 Pool Street	673 Pool Street	734 Pool Street		740 Pool Street		811 Rogers Street		
					F2-TW-0010804-23155-N	F2-TW-0010831-23155-N	F2-TW-0010832-23155-N	F2-TW-0010840-23155-N	F2-TW-0010840-23155-3-N	F2-TW-0010843-23155-N	F2-TW-0010843-23155-3-N	F2-TW-0010858-23155-N		
					2023-11-03	2023-08-31	2023-09-12	2023-08-28	2023-08-28	2023-09-21	2023-09-21	2023-09-05		
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)		
					ND	ND	ND	ND	ND	ND	ND	ND		
					60	MCL	ND	ND	ND	ND	ND	ND		
					ND	0.560	ND	ND	ND	ND	ND	ND		
					0.310	1.10	0.460	0.360	0.360	0.290	0.290	0.330		
					ND	0.270	ND	ND	ND	ND	ND	ND		
					ND	1.20	0.360	ND	0.260	ND	ND	0.260		
					80	MCL	0.310	3.13	0.820	0.360	0.620	0.290	0.290	0.590

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

Drinking Water Samples collected in June-November 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-SAND0719	F2-SHIE3281	F2-SHIE3285	F2-SHIE3287	F2-SHIE5240	F2-SHIE5248	F2-SHIE5272	F2-SHIE5300	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	719 Sanders Circle	3281 Shields Lane	3285 Shields Lane	3287 Shields Lane	5240 Shields Street	5248 Shields Street	5272 Shields Street	5300 Shields Street	
		Field Sample ID:	F2-TW-0010868-23155-N	F2-TW-0010899-23155-N	F2-TW-0010901-23155-N	F2-TW-0010903-23155-N	F2-TW-0010910-23155-N	F2-TW-0010912-23155-N	F2-TW-0010918-23155-N	F2-TW-0010923-23155-N	
		Sample Date:	2023-10-06	2023-09-01	2023-08-31	2023-08-31	2023-07-31	2023-08-28	2023-09-08	2023-08-01	
		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	800	630	640	610	400	470	540	600
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.3	82.0	99.4	70.4	ND	84.9	72.0	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	110	70.0	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	56.3	82.0	209	140	ND	84.9	72.0	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.690	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.30	1.90	1.90	1.90	1.90	2.00	2.00	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	0.930	ND	ND	ND	0.800	0.670	ND	0.860
	Copper	1300	MCL	4.60	6.30	6.70	6.40	7.80	10.5	13.4	16.2
	Lead	15	MCL	0.160	0.220	0.180	0.160	0.230	0.210	0.330	0.490
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.40	1.60	1.90	2.00	1.70	1.70	2.20	1.90
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0680
	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	0.110	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.450	ND	ND	ND	ND	0.680	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 June-November 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-SAND0719	F2-SHIE3281	F2-SHIE3285	F2-SHIE3287	F2-SHIE5240	F2-SHIE5248	F2-SHIE5272	F2-SHIE5300
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	719 Sanders Circle	3281 Shields Lane	3285 Shields Lane	3287 Shields Lane	5240 Shields Street	5248 Shields Street	5272 Shields Street	5300 Shields Street
		Field Sample ID:	F2-TW-0010868-23155-N	F2-TW-0010899-23155-N	F2-TW-0010901-23155-N	F2-TW-0010903-23155-N	F2-TW-0010910-23155-N	F2-TW-0010912-23155-N	F2-TW-0010918-23155-N	F2-TW-0010923-23155-N
		Sample Date:	2023-10-06	2023-09-01	2023-08-31	2023-08-31	2023-07-31	2023-08-28	2023-09-08	2023-08-01
		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	
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 June-November 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-SAND0719	F2-SHIE3281	F2-SHIE3285	F2-SHIE3287	F2-SHIE5240	F2-SHIE5248	F2-SHIE5272	F2-SHIE5300
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	719 Sanders Circle	3281 Shields Lane	3285 Shields Lane	3287 Shields Lane	5240 Shields Street	5248 Shields Street	5272 Shields Street	5300 Shields Street
		Field Sample ID:	F2-TW-0010868-23155-N	F2-TW-0010899-23155-N	F2-TW-0010901-23155-N	F2-TW-0010903-23155-N	F2-TW-0010910-23155-N	F2-TW-0010912-23155-N	F2-TW-0010918-23155-N	F2-TW-0010923-23155-N
		Sample Date:	2023-10-06	2023-09-01	2023-08-31	2023-08-31	2023-07-31	2023-08-28	2023-09-08	2023-08-01
		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	0.260	ND	ND
	Bromoform	--	--	0.550	0.360	ND	ND	0.350	0.690	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.460	0.310	0.260	ND	0.300	0.680	ND
	Total Trihalomethanes	80	MCL	1.01	0.670	0.260	ND	0.650	1.63	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 June-November 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-SIBL0711	F2-SIBL0725	F2-SIBL0731	F2-SIBL0732	F2-SIBL0735	F2-SIBL0742	F2-SNYD3146	F2-SNYD3156	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	711 Sibley Street	725 Sibley Street	731 Sibley Street	732 Sibley Street	735 Sibley Street	742 Sibley Street	3146 Snyder Court	3156 Snyder Court	
		Field Sample ID:	F2-TW-0010937-23155-N	F2-TW-0010948-23155-N	F2-TW-0010950-23155-N	F2-TW-0010951-23155-N	F2-TW-0010954-23155-N	F2-TW-0010960-23155-N	F2-TW-0010574-23155-N	F2-TW-0010579-23155-N	
		Sample Date:	2023-08-31	2023-08-03	2023-08-02	2023-09-01	2023-08-11	2023-08-02	2023-08-01	2023-08-31	
		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	590	560	420	560	30.0	830	470	570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	86.7	ND	ND	94.2	ND	51.5	ND	67.5
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	95.1	ND	ND	ND	ND	ND	ND	88.2
	Petroleum Hydrocarbons, Total	266	ISP	182	ND	ND	94.2	ND	51.5	ND	156
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.510	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.10	1.90	2.10	2.40	2.00	1.90	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	ND	1.00	1.10	ND	0.640	1.10	0.760	ND
	Copper	1300	MCL	3.20	2.50	1.40	4.80	6.30	6.80	32.0	10.2
	Lead	15	MCL	ND	0.250	ND	0.140	0.500	0.290	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	0.0260	ND	0.0860	ND
	Selenium	50	MCL	2.00	1.80	1.90	2.00	1.10	2.10	1.90	2.20
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 June-November 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-SIBL0711	F2-SIBL0725	F2-SIBL0731	F2-SIBL0732	F2-SIBL0735	F2-SIBL0742	F2-SNYD3146	F2-SNYD3156
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	711 Sibley Street	725 Sibley Street	731 Sibley Street	732 Sibley Street	735 Sibley Street	742 Sibley Street	3146 Snyder Court	3156 Snyder Court
		Field Sample ID:	F2-TW-0010937-23155-N	F2-TW-0010948-23155-N	F2-TW-0010950-23155-N	F2-TW-0010951-23155-N	F2-TW-0010954-23155-N	F2-TW-0010960-23155-N	F2-TW-0010574-23155-N	F2-TW-0010579-23155-N
		Sample Date:	2023-08-31	2023-08-03	2023-08-02	2023-09-01	2023-08-11	2023-08-02	2023-08-01	2023-08-31
		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	
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 June-November 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-SIBL0711	F2-SIBL0725	F2-SIBL0731	F2-SIBL0732	F2-SIBL0735	F2-SIBL0742	F2-SNYD3146	F2-SNYD3156
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	711 Sibley Street	725 Sibley Street	731 Sibley Street	732 Sibley Street	735 Sibley Street	742 Sibley Street	3146 Snyder Court	3156 Snyder Court
		Field Sample ID:	F2-TW-0010937-23155-N	F2-TW-0010948-23155-N	F2-TW-0010950-23155-N	F2-TW-0010951-23155-N	F2-TW-0010954-23155-N	F2-TW-0010960-23155-N	F2-TW-0010574-23155-N	F2-TW-0010579-23155-N
		Sample Date:	2023-08-31	2023-08-03	2023-08-02	2023-09-01	2023-08-11	2023-08-02	2023-08-01	2023-08-31
		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	--	--	0.670	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.10	0.460	0.280	0.380	0.410	0.310	0.550
	Chloroform	--	--	0.460	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.30	0.400	ND	0.440	0.380	ND	0.360
	Total Trihalomethanes	80	MCL	3.53	0.860	0.280	0.820	0.790	0.310	0.910

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

Drinking Water Samples collected in June-November 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-SNYD3158		F2-SNYD3174		F2-SNYD3178		F2-SNYD3186		F2-SNYD3188		F2-SNYD3198	
		Location Type:		Residence		Residence		Residence		Residence		Residence		Residence	
		Address:		3158 Snyder Court		3174 Snyder Court		3178 Snyder Court		3186 Snyder Court		3188 Snyder Court		3198 Snyder Court	
		Field Sample ID:		F2-TW-0010580-23155-N		F2-TW-0010588-23155-N		F2-TW-0010588-23155-3-N		F2-TW-0010590-23155-N		F2-TW-0010794-23155-N		F2-TW-0010965-23155-N	
		Sample Date:		2023-09-21		2023-08-01		2023-08-01		2023-09-05		2023-09-05		2023-09-05	
		Sample Type:		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	660	420	420	580	330	570	450	450				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND				
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	85.0	61.3	68.3	80.7	90.4	76.4	85.4	72.1				
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	266	ISP	85.0	61.3	68.3	80.7	90.4	76.4	85.4	72.1				
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Arsenic	10	MCL	ND	ND	ND	0.940	0.980	0.950	ND	0.500				
	Barium	2000	MCL	2.00	1.90	1.90	2.00	1.90	1.90	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	ND	0.840	0.690	0.820	0.760	0.800	ND	ND				
	Copper	1300	MCL	18.4	19.7	18.4	22.3	21.7	17.2	35.2	32.3				
	Lead	15	MCL	0.140	ND	ND	0.140	ND	0.140	0.160	0.170				
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Selenium	50	MCL	1.60	1.80	1.90	2.30	2.40	2.10	2.40	2.30				
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	0.110	0.110	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 June-November 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-SNYD3174		F2-SNYD3178	F2-SNYD3186	F2-SNYD3188	F2-SNYD3198		
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	3174 Snyder Court		3178 Snyder Court	3186 Snyder Court	3188 Snyder Court	3198 Snyder Court		
				Field Sample ID:	F2-TW-0010580-23155-N	F2-TW-0010588-23155-N	F2-TW-0010588-23155-3-N	F2-TW-0010590-23155-N	F2-TW-0010794-23155-N	F2-TW-0010965-23155-N	F2-TW-0010970-23155-N	F2-TW-0010970-23155-3-N
				Sample Date:	2023-09-21	2023-08-01	2023-08-01	2023-09-05	2023-09-05	2023-09-05	2023-09-08	2023-09-08
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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 June-November 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-SNYD3174		F2-SNYD3178	F2-SNYD3186	F2-SNYD3188	F2-SNYD3198		
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	3174 Snyder Court		3178 Snyder Court	3186 Snyder Court	3188 Snyder Court	3198 Snyder Court		
				Field Sample ID:	F2-TW-0010580-23155-N	F2-TW-0010588-23155-N	F2-TW-0010588-23155-3-N	F2-TW-0010590-23155-N	F2-TW-0010794-23155-N	F2-TW-0010965-23155-N	F2-TW-0010970-23155-N	F2-TW-0010970-23155-3-N
				Sample Date:	2023-09-21	2023-08-01	2023-08-01	2023-09-05	2023-09-05	2023-09-05	2023-09-08	2023-09-08
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Haloacetic Acids (ppb)	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	--	--	0.310	ND	ND	ND	0.290	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.310	ND	ND	ND	0.290	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 June-November 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-SNYD3202	F2-STOW2581	F2-STOW2591	F2-STOW2609	F2-STOW2666	F2-STOW2678	F2-STOW2696	F2-STOW2706	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3202 Snyder Court	2581 Stowell Circle	2591 Stowell Circle	2609 Stowell Circle	2666 Stowell Circle	2678 Stowell Circle	2696 Stowell Circle	2706 Stowell Circle	
		Field Sample ID:	F2-TW-0010972-23155-N	F2-TW-0010983-23155-N	F2-TW-0010987-23155-N	F2-TW-0009243-23155-N	F2-TW-0009255-23155-N	F2-TW-0009260-23155-N	F2-TW-0009262-23155-N	F2-TW-0009269-23155-N	
		Sample Date:	2023-07-31	2023-09-01	2023-07-31	2023-09-21	2023-09-21	2023-08-31	2023-08-01	2023-08-02	
		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	70.0	570	70.0	280	580	610	620	140
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	67.3	82.3	ND	120	ND	90.8	ND	50.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	57.3	ND	101	ND	116
	Petroleum Hydrocarbons, Total	266	ISP	67.3	82.3	ND	177	ND	192	ND	166
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.520	ND	ND	0.520	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.10	2.00	2.10	1.90	1.90	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	0.800	ND	0.850	ND	ND	ND	0.770	1.10
	Copper	1300	MCL	23.9	6.20	3.40	2.40	3.50	3.50	4.20	4.80
	Lead	15	MCL	0.160	0.210	0.620	0.330	0.190	0.280	0.490	0.580
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.80	1.80	1.80	1.80	2.00	1.90	1.90
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	0.590
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 June-November 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-SNYD3202	F2-STOW2581	F2-STOW2591	F2-STOW2609	F2-STOW2666	F2-STOW2678	F2-STOW2696	F2-STOW2706
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3202 Snyder Court	2581 Stowell Circle	2591 Stowell Circle	2609 Stowell Circle	2666 Stowell Circle	2678 Stowell Circle	2696 Stowell Circle	2706 Stowell Circle
		Field Sample ID:	F2-TW-0010972-23155-N	F2-TW-0010983-23155-N	F2-TW-0010987-23155-N	F2-TW-0009243-23155-N	F2-TW-0009255-23155-N	F2-TW-0009260-23155-N	F2-TW-0009262-23155-N	F2-TW-0009269-23155-N
		Sample Date:	2023-07-31	2023-09-01	2023-07-31	2023-09-21	2023-09-21	2023-08-31	2023-08-01	2023-08-02
		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 June-November 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-SNYD3202	F2-STOW2581	F2-STOW2591	F2-STOW2609	F2-STOW2666	F2-STOW2678	F2-STOW2696	F2-STOW2706
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3202 Snyder Court	2581 Stowell Circle	2591 Stowell Circle	2609 Stowell Circle	2666 Stowell Circle	2678 Stowell Circle	2696 Stowell Circle	2706 Stowell Circle
		Field Sample ID:	F2-TW-0010972-23155-N	F2-TW-0010983-23155-N	F2-TW-0010987-23155-N	F2-TW-0009243-23155-N	F2-TW-0009255-23155-N	F2-TW-0009260-23155-N	F2-TW-0009262-23155-N	F2-TW-0009269-23155-N
		Sample Date:	2023-07-31	2023-09-01	2023-07-31	2023-09-21	2023-09-21	2023-08-31	2023-08-01	2023-08-02
		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	--	--	0.410	0.460	0.470	ND	0.300	0.540	0.560
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.250	0.530	0.370	ND	0.300	0.440	0.420
	Total Trihalomethanes	80	MCL	0.660	0.990	0.840	ND	0.600	0.980	0.980

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

Drinking Water Samples collected in June-November 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-STOW2711	F2-STOW2713	F2-STOW2737	F2-STOW2739		F2-STOW2770	F2-STOW2780	F2-STOW2786	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	2711 Stowell Circle	2713 Stowell Circle	2737 Stowell Circle	2739 Stowell Circle		2770 Stowell Circle	2780 Stowell Circle	2786 Stowell Circle	
		Field Sample ID:	F2-TW-0009273-23155-N	F2-TW-0009274-23155-N	F2-TW-0009279-23155-N	F2-TW-0009280-23155-N	F2-TW-0009280-23155-3-N	F2-TW-0009286-23155-N	F2-TW-0009290-23155-N	F2-TW-0009294-23155-N	
		Sample Date:	2023-07-31	2023-08-04	2023-09-08	2023-10-09	2023-10-09	2023-09-22	2023-08-01	2023-08-01	
		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	500	560	500	1050	1050	470	540	560
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	66.6	77.5	66.9	72.3	76.5	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	66.6	77.5	66.9	72.3	76.5	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.750	0.750	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	2.10	2.10	2.00	2.10	1.90	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	0.710	0.850	ND	0.860	0.900	ND	0.760	0.710
	Copper	1300	MCL	4.50	4.10	6.70	4.60	4.10	10.5	3.90	4.30
	Lead	15	MCL	0.650	0.190	0.320	0.270	0.210	0.380	0.410	2.90
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.90	1.90	2.30	1.30	1.50	2.80	1.80	1.70
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0660	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 June-November 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-STOW2711	F2-STOW2713	F2-STOW2737	F2-STOW2739		F2-STOW2770	F2-STOW2780	F2-STOW2786
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	2711 Stowell Circle	2713 Stowell Circle	2737 Stowell Circle	2739 Stowell Circle		2770 Stowell Circle	2780 Stowell Circle	2786 Stowell Circle
				Field Sample ID:	F2-TW-0009273-23155-N	F2-TW-0009274-23155-N	F2-TW-0009279-23155-N	F2-TW-0009280-23155-N	F2-TW-0009280-23155-3-N	F2-TW-0009286-23155-N	F2-TW-0009290-23155-N	F2-TW-0009294-23155-N
				Sample Date:	2023-07-31	2023-08-04	2023-09-08	2023-10-09	2023-10-09	2023-09-22	2023-08-01	2023-08-01
				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 June-November 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-STOW2711	F2-STOW2713	F2-STOW2737	F2-STOW2739		F2-STOW2770	F2-STOW2780	F2-STOW2786
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	2711 Stowell Circle	2713 Stowell Circle	2737 Stowell Circle	2739 Stowell Circle		2770 Stowell Circle	2780 Stowell Circle	2786 Stowell Circle
		Field Sample ID:	F2-TW-0009273-23155-N	F2-TW-0009274-23155-N	F2-TW-0009279-23155-N	F2-TW-0009280-23155-N	F2-TW-0009280-23155-3-N	F2-TW-0009286-23155-N	F2-TW-0009290-23155-N	F2-TW-0009294-23155-N
		Sample Date:	2023-07-31	2023-08-04	2023-09-08	2023-10-09	2023-10-09	2023-09-22	2023-08-01	2023-08-01
		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	--	--	0.260	ND	ND	ND	ND	0.250	ND
	Bromoform	--	--	1.10	0.410	0.470	0.590	0.530	1.10	0.540
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.720	0.360	0.350	0.570	0.500	0.650	0.390
	Total Trihalomethanes	80	MCL	2.08	0.770	0.820	1.16	1.03	2.00	0.930

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

Drinking Water Samples collected in June-November 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-TALB0808	F2-TALB0814	F2-TALB0824	F2-TAPP2813	F2-TAPP2825	F2-TIAR1701	F2-VAES3020	F2-VAES3030	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	808 Talbot Street	814 Talbot Street	824 Talbot Street	2813 Tapp Street	2825 Tapp Street	1701 Tiare Court	3020 Vaessen Court	3030 Vaessen Court	
		Field Sample ID:	F2-TW-0009299-23155-N	F2-TW-0009302-23155-N	F2-TW-0009304-23155-N	F2-TW-0009309-23155-N	F2-TW-0009311-23155-N	F2-TW-0009312-23155-N	F2-TW-0009324-23155-N	F2-TW-0009329-23155-N	
		Sample Date:	2023-08-02	2023-08-01	2023-07-31	2023-09-05	2023-08-04	2023-06-26	2023-09-22	2023-09-13	
		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	900	440	510	730	380	60.0	570	440
Field Test (ppb)	Free Chlorine	4000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	61.9	52.8	75.3	ND	54.9	111	82.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	61.9	52.8	75.3	ND	54.9	111	82.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.330	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.870	ND	ND	ND	0.540
	Barium	2000	MCL	2.00	2.10	2.00	2.00	1.90	2.20	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	1.10	0.760	0.790	0.850	0.850	1.90	ND	ND
	Copper	1300	MCL	8.90	12.2	2.10	6.80	4.30	197	22.0	27.6
	Lead	15	MCL	0.420	ND	ND	0.210	0.160	1.50	0.150	0.530
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.70	1.80	2.20	2.10	0.530	1.60	2.70
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.120	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	0.680	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 June-November 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-TALB0808	F2-TALB0814	F2-TALB0824	F2-TAPP2813	F2-TAPP2825	F2-TIAR1701	F2-VAES3020	F2-VAES3030
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	808 Talbot Street	814 Talbot Street	824 Talbot Street	2813 Tapp Street	2825 Tapp Street	1701 Tiare Court	3020 Vaessen Court	3030 Vaessen Court
		Field Sample ID:	F2-TW-0009299-23155-N	F2-TW-0009302-23155-N	F2-TW-0009304-23155-N	F2-TW-0009309-23155-N	F2-TW-0009311-23155-N	F2-TW-0009312-23155-N	F2-TW-0009324-23155-N	F2-TW-0009329-23155-N
		Sample Date:	2023-08-02	2023-08-01	2023-07-31	2023-09-05	2023-08-04	2023-06-26	2023-09-22	2023-09-13
		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 June-November 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-TALB0808	F2-TALB0814	F2-TALB0824	F2-TAPP2813	F2-TAPP2825	F2-TIAR1701	F2-VAES3020	F2-VAES3030
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	808 Talbot Street	814 Talbot Street	824 Talbot Street	2813 Tapp Street	2825 Tapp Street	1701 Tiare Court	3020 Vaessen Court	3030 Vaessen Court
		Field Sample ID:	F2-TW-0009299-23155-N	F2-TW-0009302-23155-N	F2-TW-0009304-23155-N	F2-TW-0009309-23155-N	F2-TW-0009311-23155-N	F2-TW-0009312-23155-N	F2-TW-0009324-23155-N	F2-TW-0009329-23155-N
		Sample Date:	2023-08-02	2023-08-01	2023-07-31	2023-09-05	2023-08-04	2023-06-26	2023-09-22	2023-09-13
		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	0.520	ND	ND	ND	ND	ND
	Bromoform	--	--	0.490	1.50	0.450	ND	0.290	1.80	0.250
	Chloroform	--	--	ND	0.280	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.480	1.40	0.370	ND	0.280	0.260	ND
	Total Trihalomethanes	80	MCL	0.970	3.70	0.820	ND	0.570	2.06	0.250

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

Drinking Water Samples collected in June-November 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-VAES3036	F2-VAES3044	F2-VAES3064	F2-VAES3072	F2-VAES3078	
				Location Type:	Residence	Residence	Residence	Residence	Residence	
				Address:	3036 Vaessen Court	3044 Vaessen Court	3064 Vaessen Court	3072 Vaessen Court	3078 Vaessen Court	
				Field Sample ID:	F2-TW-0009332-23155-N	F2-TW-0009336-23155-N	F2-TW-0009346-23155-N	F2-TW-0009350-23155-N	F2-TW-0009353-23155-N	F2-TW-0009353-23155-3-N
				Sample Date:	2023-08-04	2023-10-09	2023-08-01	2023-09-05	2023-07-31	2023-07-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	460	590	470	130	350	350	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.2	89.5	ND	68.7	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	56.2	89.5	ND	68.7	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.130	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.850	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.90	1.90	2.00	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.760	2.20	0.780	0.720	0.750	0.780	0.780
	Copper	1300	MCL	32.8	26.0	26.2	44.4	88.5	49.4	49.4
	Lead	15	MCL	1.10	0.240	ND	0.270	0.280	0.170	0.170
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.90	ND	1.90	2.20	1.60	1.80	1.80
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0770	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	ND	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 June-November 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-VAES3036	F2-VAES3044	F2-VAES3064	F2-VAES3072	F2-VAES3078	
				Location Type:	Residence	Residence	Residence	Residence	Residence	
				Address:	3036 Vaessen Court	3044 Vaessen Court	3064 Vaessen Court	3072 Vaessen Court	3078 Vaessen Court	
				Field Sample ID:	F2-TW-0009332-23155-N	F2-TW-0009336-23155-N	F2-TW-0009346-23155-N	F2-TW-0009350-23155-N	F2-TW-0009353-23155-N	F2-TW-0009353-23155-3-N
				Sample Date:	2023-08-04	2023-10-09	2023-08-01	2023-09-05	2023-07-31	2023-07-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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 June-November 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-VAES3036	F2-VAES3044	F2-VAES3064	F2-VAES3072	F2-VAES3078	
				Location Type:	Residence	Residence	Residence	Residence	Residence	
				Address:	3036 Vaessen Court	3044 Vaessen Court	3064 Vaessen Court	3072 Vaessen Court	3078 Vaessen Court	
				Field Sample ID:	F2-TW-0009332-23155-N	F2-TW-0009336-23155-N	F2-TW-0009346-23155-N	F2-TW-0009350-23155-N	F2-TW-0009353-23155-N	F2-TW-0009353-23155-3-N
				Sample Date:	2023-08-04	2023-10-09	2023-08-01	2023-09-05	2023-07-31	2023-07-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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	--	--	0.290	0.370	ND	0.320	0.340	0.440	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.320	ND	ND	0.250	0.310	
	Total Trihalomethanes	80	MCL	0.290	0.690	ND	0.320	0.590	0.750	

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

Drinking Water Samples collected in June-November 2023 from Child Development Center 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	
				600-630	600-630	90.0-580	90.0-580
Field Test (ppb)	Free Chlorine	4000	MCL	600-630	600-630	90.0-580	90.0-580
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.9	56.7	82.6	56.8
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	59.0	79.0	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	112	136	82.6	56.8
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	2.10	2.30
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.10	0.990	0.620	0.730
	Copper	1300	MCL	30.2	36.2	88.0	39.0
	Lead	15	MCL	ND	ND	0.180	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	1.90	2.00	1.70	2.40
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	0.580	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 June-November 2023 from Child Development Center 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-0014145-23155-N-1	F2-TW-0014145-23155-N-2	2023-08-02	2023-08-28	F2-TW-0014156-23155-N-1	F2-TW-0014156-23155-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 June-November 2023 from Child Development Center 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-0014145-23155-N-1	F2-TW-0014145-23155-N-2	F2-TW-0014156-23155-N-1	F2-TW-0014156-23155-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	
				Sample Date: 2023-08-02	Sample Date: 2023-08-02	Sample Date: 2023-08-28	Sample Date: 2023-08-28
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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	0.730	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	0.730	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.310	ND
	Bromoform	--	--	ND	0.270	3.30	1.20
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.20	0.550
	Total Trihalomethanes	80	MCL	ND	0.270	4.81	1.75

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

Drinking Water Samples collected in June-November 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-HYD0002	F2-HYD0003	F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030	F2-HYD0031
				Location Type:	Hydrant	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	FH 31
				Field Sample ID:	F2-DL-0017744-23155 -N-T	F2-DL-0017772-23155 -N	F2-DL-0017745-23155 -N	F2-DL-0017776-23155 -N	F2-DL-0017746-23155 -N	F2-DL-0017771-23155 -N	F2-DL-0017747-23155 -N	F2-DL-0017748-23155 -N
				Sample Date:	2023-06-30	2023-10-06	2023-10-06	2023-10-06	2023-10-06	2023-08-24	2023-08-24	2023-10-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	470	870	90.0	600	570	670	440	350	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	95.2	71.7	87.4	101	72.7	59.7	64.2	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	95.2	71.7	87.4	101	72.7	59.7	64.2	
Metals (ppb)	Antimony	6	MCL	ND	0.130	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.540	0.790	0.720	ND	ND	ND	ND
	Barium	2000	MCL	2.50	2.40	4.10	2.10	2.20	2.00	2.10	3.10	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.00	2.20	0.960	0.840	0.970	0.910	0.890	0.810	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.300	ND	0.580	1.40	1.40	0.900	0.930	1.10	
Thallium	2	MCL	ND	0.0630	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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

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

Drinking Water Samples collected in June-November 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-HYD0002	F2-HYD0003	F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030	F2-HYD0031
				Location Type:	Hydrant	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	FH 31
				Field Sample ID:	F2-DL-0017744-23155 -N-T	F2-DL-0017772-23155 -N	F2-DL-0017745-23155 -N	F2-DL-0017776-23155 -N	F2-DL-0017746-23155 -N	F2-DL-0017771-23155 -N	F2-DL-0017747-23155 -N	F2-DL-0017748-23155 -N
				Sample Date:	2023-06-30	2023-10-06	2023-10-06	2023-10-06	2023-10-06	2023-08-24	2023-08-24	2023-10-12
				Sample Type:	N (Normal)	N (Normal)	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	--	--	1.10	ND	2.00	ND	ND	ND	ND	ND	1.20
	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 June-November 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	F2-HYD0031	
		Location Type:	Hydrant	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	FH 31	
		Field Sample ID:	F2-DL-0017744-23155 -N-T	F2-DL-0017772-23155 -N	F2-DL-0017745-23155 -N	F2-DL-0017776-23155 -N	F2-DL-0017746-23155 -N	F2-DL-0017771-23155 -N	F2-DL-0017747-23155 -N	F2-DL-0017748-23155 -N	
		Sample Date:	2023-06-30	2023-10-06	2023-10-06	2023-10-06	2023-10-06	2023-08-24	2023-08-24	2023-10-12	
		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-HYD0002	F2-HYD0003	F2-HYD0011	F2-HYD0012	F2-HYD0014	F2-HYD0026	F2-HYD0030	F2-HYD0031
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	1.10	ND	2.00	ND	ND	ND	ND	1.20
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.350	0.550	ND	ND	ND	ND	0.560
	Bromoform	--	--	ND	1.10	11.5	0.310	0.430	ND	ND	4.40
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.820	2.20	0.280	0.350	ND	ND	2.00
	Total Trihalomethanes	80	MCL	ND	2.27	14.3	0.590	0.780	ND	ND	6.96

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

Drinking Water Samples collected in June-November 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	F2-HYD0039		F2-HYD003A		F2-HYD0047		F2-HYD0213	F2-HYD0520	F2-HYD071A
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-DL-0017749-23155 -N	F2-DL-0017749-23155 -3-N	F2-DL-0017773-23155 -N	F2-DL-0017750-23155 -N	F2-DL-0017750-23155 -3-N	F2-DL-0017774-23155 -N	F2-DL-0017775-23155 -N	F2-DL-0017751-23155 -N	
				2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	
				N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Field Test (ppb)	Free Chlorine	4000	MCL	490	490	880	510	510	460	460	370	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.2	60.1	59.1	63.7	ND	72.7	77.1	55.8	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	54.2	60.1	59.1	63.7	ND	72.7	77.1	55.8	
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	2.00	2.10	2.10	2.10	2.10	2.60	
	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	0.700	0.780	0.750	0.830	0.830	0.770	0.840	0.670	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.20	1.20	0.960	1.40	1.20	1.10	1.10	1.30	
Thallium	2	MCL	0.0630	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 June-November 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	F2-HYD0039		F2-HYD003A		F2-HYD0047		F2-HYD0213	F2-HYD0520	F2-HYD071A
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-DL-0017749-23155 -N	F2-DL-0017749-23155 -3-N	F2-DL-0017773-23155 -N	F2-DL-0017750-23155 -N	F2-DL-0017750-23155 -3-N	F2-DL-0017774-23155 -N	F2-DL-0017775-23155 -N	F2-DL-0017751-23155 -N	
				2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	
				N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	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

8 f]b _]b['K Uhyf 'GUa d`Yg'Wc ``YWHX']b`>i bY!Bcj Ya VYf`&\$&' Z'ca ':]fY<mXfUbg]b`NcbY': &

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-HYD0039		F2-HYD003A		F2-HYD0047		F2-HYD0213	F2-HYD0520	F2-HYD071A
		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)	FH 71A
		Field Sample ID:	F2-DL-0017749-23155 -N	F2-DL-0017749-23155 -3-N	F2-DL-0017773-23155 -N	F2-DL-0017750-23155 -N	F2-DL-0017750-23155 -3-N	F2-DL-0017774-23155 -N	F2-DL-0017775-23155 -N	F2-DL-0017751-23155 -N	
		Sample Date:	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	2023-10-12	
		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								
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	0.270
	Bromoform	--	--	0.360	0.370	0.260	ND	ND	0.450	ND	3.70
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.250	ND	ND	ND	0.290	ND	0.880
	Total Trihalomethanes	80	MCL	0.360	0.620	0.260	ND	ND	0.740	ND	4.85