

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

Drinking Water Samples Collected in March and April 2022 from Residences in Zone F2

Notes:
ND = Not Detected
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EAL = DOH Environmental Action Level
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§ - Exceeds Screening Level
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				Location ID:	F2-ANDE2852	F2-ANDE3008	F2-ANDE3014	F2-ANDE3046	F2-ARIZ2835	F2-ARIZ2873	F2-ARIZ2892	F2-ARIZ3046
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2852 Anderson Avenue	3008 Anderson Avenue	3014 Anderson Avenue	3046 Anderson Avenue	2835 Arizona Road	2873 Arizona Road	2892 Arizona Road	3046 Arizona Road
				Field Sample ID:	F2-TW-0010752-22070-N	F2-TW-0009610-22070-N	F2-TW-0009611-22070-N	F2-TW-0010762-22070-N	F2-TW-0010996-22070-N	F2-TW-0011013-22070-N	F2-TW-0011017-22070-N	F2-TW-0011041-22070-N
				Sample Date:	2022-03-28	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-25	2022-03-24
				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	430	540	470	600	390	700	930	610	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	570	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	51.3	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	51.3	ND	ND	ND
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	2.20	2.10	2.00	2.00	2.00
	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	1.70	1.20	1.30	1.30	1.30	1.30	1.30	1.30	1.50
	Copper	1300	MCL	4.20	4.90	6.00	7.40	5.00	5.10	23.1	3.60	
	Lead	15	MCL	0.220	0.250	0.180	0.150	ND	ND	1.10	0.270	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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				Sample Date:	2022-03-28	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-25	2022-03-24
				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	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.870	0.770	ND	0.810	ND	0.910	0.610
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.570	0.780	ND	0.640	ND	ND	0.520
	Total Trihalomethanes	80	MCL	1.40	1.60	ND	1.50	ND	0.910	0.610

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		Location ID:		F2-BENF5448	F2-BRID3080	F2-CATL5214	F2-CATL5216	F2-CATL5298	F2-CATL5319		F2-CURT3005
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:		5448 Benfold Lane	3080 Bridges Street	5214 Catlin Lane	5216 Catlin Lane	5298 Catlin Lane	5319 Catlin Lane		3005 Curtis Drive
		Field Sample ID:		F2-TW-0011068-22070-N	F2-TW-0011074-22070-N	F2-TW-0011082-22070-N	F2-TW-0011084-22070-N	F2-TW-0011113-22070-N	F2-TW-0011122-22070-3-N	F2-TW-0011122-22070-N	F2-TW-0011134-22070-N
		Sample Date:		2022-03-24	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-25
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	690	590	660	ND	600	140	140	640
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	66.7	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	66.7	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.110	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.30	1.40	1.20	1.60	1.60	1.40	1.30
	Copper	1300	MCL	13.9	4.50	7.10	11.6	10.7	10.6	10.9	14.6
	Lead	15	MCL	0.310	1.20	0.220	0.440	0.290	0.180	0.190	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-BENF5448	F2-BRID3080	F2-CATL5214	F2-CATL5216	F2-CATL5298	F2-CATL5319		F2-CURT3005
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	5448 Benfold Lane	3080 Bridges Street	5214 Catlin Lane	5216 Catlin Lane	5298 Catlin Lane	5319 Catlin Lane		3005 Curtis Drive
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				Sample Date:	2022-03-24	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-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	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

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		Sample Date:	2022-03-24	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	0.560	ND
	Bromoform	--	--	0.510	0.870	1.20	1.20	0.660	12.9	12.1
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.510	0.770	0.650	ND	2.40	1.90
	Total Trihalomethanes	80	MCL	0.510	1.40	2.00	1.90	0.660	15.9	14.0

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		Location ID:		F2-DEWE3223		F2-DEWE3238		F2-DORI2268D		F2-DORI2274B	F2-ENGE4066
		Location Type:		Residence		Residence		Residence		Residence	Residence
		Address:		3223 Dewert Lane		3238 Dewert Lane		2268D Doris Miller Loop		2274B Doris Miller Loop	4066 Enger Street
		Field Sample ID:		F2-TW-0011164-22070-3-N	F2-TW-0011164-22070-N	F2-TW-0011175-22070-3-N	F2-TW-0011175-22070-N	F2-TW-0011403-22070-3-N	F2-TW-0011403-22070-N	F2-TW-0011425-22070-N	F2-TW-0011462-22070-N
		Sample Date:		2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-24
		Sample Type:		FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	530	530	610	610	70.0	70.0	30.0	180
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	760	590	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	51.7	51.7	ND	53.9	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	51.7	51.7	ND	53.9	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	1.90	2.00	2.00	2.40	2.40	2.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.30	1.40	1.20	1.40	1.60	1.30	1.30
	Copper	1300	MCL	11.9	17.9	10.1	15.1	67.2	57.3	74.6	4.00
	Lead	15	MCL	0.330	0.800	0.370	0.760	0.560	0.840	0.780	0.270
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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

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				Location ID:	F2-DEWE3223		F2-DEWE3238		F2-DORI2268D		F2-DORI2274B	F2-ENGE4066
				Location Type:	Residence		Residence		Residence		Residence	Residence
				Address:	3223 Dewert Lane		3238 Dewert Lane		2268D Doris Miller Loop		2274B Doris Miller Loop	4066 Enger Street
				Field Sample ID:	F2-TW-0011164-22070-3-N	F2-TW-0011164-22070-N	F2-TW-0011175-22070-3-N	F2-TW-0011175-22070-N	F2-TW-0011403-22070-3-N	F2-TW-0011403-22070-N	F2-TW-0011425-22070-N	F2-TW-0011462-22070-N
				Sample Date:	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-24
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	F2-DEWE3223		F2-DEWE3238		F2-DORI2268D		F2-DORI2274B	F2-ENGE4066
		Location Type:	Residence		Residence		Residence		Residence	Residence
		Address:	3223 Dewert Lane		3238 Dewert Lane		2268D Doris Miller Loop		2274B Doris Miller Loop	4066 Enger Street
		Field Sample ID:	F2-TW-0011164-22070-3-N	F2-TW-0011164-22070-N	F2-TW-0011175-22070-3-N	F2-TW-0011175-22070-N	F2-TW-0011403-22070-3-N	F2-TW-0011403-22070-N	F2-TW-0011425-22070-N	F2-TW-0011462-22070-N
		Sample Date:	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-24	2022-03-24
		Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	1.50
	Bromoform	--	--	0.740	0.880	1.50	1.50	7.10	4.40	12.2
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.840
	Dibromochloromethane	--	--	ND	ND	0.660	0.590	2.10	1.50	5.10
	Total Trihalomethanes	80	MCL	0.740	0.880	2.20	2.10	9.20	5.90	19.7

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		Location ID:		F2-ENGE4067	F2-FINC4142	F2-GILL3211	F2-GORD2611	F2-GORD2635	F2-GORD2641		F2-GORD2665
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:		4067 Enger Street	4142 Fincher Street	3211 Gillespie Lane	2611 Gordon Street	2635 Gordon Street	2641 Gordon Street		2665 Gordon Street
		Field Sample ID:		F2-TW-0011463-22070-N	F2-TW-0011478-22070-N	F2-TW-0011514-22070-N	F2-TW-0011540-22070-N	F2-TW-0011550-22070-N	F2-TW-0011554-22070-3-N	F2-TW-0011554-22070-N	F2-TW-0011569-22070-N
		Sample Date:		2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-24
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	10.0	80.0	620	150	130	530	530	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	510	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.30	2.20	1.90	2.20	2.20	2.10	2.10	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	1.50	1.20	1.50	1.20	1.40	1.30	1.20	1.30
	Copper	1300	MCL	7.00	6.60	15.1	6.00	21.0	9.00	9.20	7.20
	Lead	15	MCL	0.270	0.300	0.450	0.410	1.00	0.180	0.200	0.640
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	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

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		Location ID:		F2-ENGE4067	F2-FINC4142	F2-GILL3211	F2-GORD2611	F2-GORD2635	F2-GORD2641		F2-GORD2665
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:		4067 Enger Street	4142 Fincher Street	3211 Gillespie Lane	2611 Gordon Street	2635 Gordon Street	2641 Gordon Street		2665 Gordon Street
		Field Sample ID:		F2-TW-0011463-22070-N	F2-TW-0011478-22070-N	F2-TW-0011514-22070-N	F2-TW-0011540-22070-N	F2-TW-0011550-22070-N	F2-TW-0011554-22070-3-N	F2-TW-0011554-22070-N	F2-TW-0011569-22070-N
		Sample Date:		2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-24
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	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	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

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				Location ID:	F2-ENGE4067	F2-FINC4142	F2-GILL3211	F2-GORD2611	F2-GORD2635	F2-GORD2641		F2-GORD2665
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4067 Enger Street	4142 Fincher Street	3211 Gillespie Lane	2611 Gordon Street	2635 Gordon Street	2641 Gordon Street		2665 Gordon Street
				Field Sample ID:	F2-TW-0011463-22070-N	F2-TW-0011478-22070-N	F2-TW-0011514-22070-N	F2-TW-0011540-22070-N	F2-TW-0011550-22070-N	F2-TW-0011554-22070-3-N	F2-TW-0011554-22070-N	F2-TW-0011569-22070-N
				Sample Date:	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-24	2022-03-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
		DOH Project Screening Level	Basis of Project Screening Level									
Method Group	Analyte											
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	0.910	1.50	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.40	3.80	6.40	2.70	1.80	1.50	1.40	1.30	
	Chloroform	--	--	ND	0.770	0.970	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.940	2.40	3.80	0.980	1.20	0.630	0.660	0.520	
	Total Trihalomethanes	80	MCL	2.30	7.90	12.7	3.70	3.00	2.10	2.00	1.80	

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				Location ID:	F2-GORD2775		F2-GORD2810		F2-GORD2824	F2-HAIL3126	F2-HAMM0818	F2-HAYS0806	F2-JALU3291
				Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	Residence
				Address:	2775 Gordon Street		2810 Gordon Street		2824 Gordon Street	3126 Hailey Court	818 Hammerberg Street	806 Hays Street	3291 Jaluit Lane
				Field Sample ID:	F2-TW-0011601-22070-N	F2-TW-0011607-22070-3-N	F2-TW-0011607-22070-N	F2-TW-0011610-22070-N	F2-TW-0011647-22070-N	F2-TW-0011656-22070-N	F2-TW-0011683-22070-N	F2-TW-0011703-22070-N	
				Sample Date:	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-28	2022-03-25	2022-03-25	2022-03-25	
				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	650	460	460		680	520	560	500	630	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	580	630		ND	ND	370	620	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.2	57.1	90.6		ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND		ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	57.5		ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	53.2	57.1	148		ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND		ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND		ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.60	2.10	2.20	2.10	2.20	2.00	2.10	2.00		
	Beryllium	4	MCL	ND	ND	ND		ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND		ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.50	1.10	1.20	1.40	2.00	1.30	1.30	1.40		
	Copper	1300	MCL	7.40	2.00	2.40	9.20	14.7	6.50	3.20	18.0		
	Lead	15	MCL	0.350	ND	ND	0.400	ND	0.150	0.140	0.250		
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND		ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND		ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND		ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	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	

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				Location ID:	F2-GORD2775	F2-GORD2810		F2-GORD2824	F2-HAIL3126	F2-HAMM0818	F2-HAYS0806	F2-JALU3291
				Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
				Address:	2775 Gordon Street	2810 Gordon Street		2824 Gordon Street	3126 Hailey Court	818 Hammerberg Street	806 Hays Street	3291 Jaluit Lane
				Field Sample ID:	F2-TW-0011601-22070-N	F2-TW-0011607-22070-3-N	F2-TW-0011607-22070-N	F2-TW-0011610-22070-N	F2-TW-0011647-22070-N	F2-TW-0011656-22070-N	F2-TW-0011683-22070-N	F2-TW-0011703-22070-N
				Sample Date:	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-28	2022-03-25	2022-03-25	2022-03-25
				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)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Drinking Water Samples Collected in March and April 2022 from Residences in Zone F2

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		Location ID:	F2-GORD2775	F2-GORD2810			F2-GORD2824	F2-HAIL3126	F2-HAMM0818	F2-HAYS0806	F2-JALU3291
		Location Type:	Residence	Residence			Residence	Residence	Residence	Residence	Residence
		Address:	2775 Gordon Street	2810 Gordon Street			2824 Gordon Street	3126 Hailey Court	818 Hammerberg Street	806 Hays Street	3291 Jaluit Lane
		Field Sample ID:	F2-TW-0011601-22070-N	F2-TW-0011607-22070-3-N	F2-TW-0011607-22070-N		F2-TW-0011610-22070-N	F2-TW-0011647-22070-N	F2-TW-0011656-22070-N	F2-TW-0011683-22070-N	F2-TW-0011703-22070-N
		Sample Date:	2022-03-25	2022-03-25	2022-03-25		2022-03-25	2022-03-28	2022-03-25	2022-03-25	2022-03-25
		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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.20	1.50	1.20	0.800	0.600	1.70	1.40	1.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.680	0.760	0.880	0.550	ND	0.980	0.500	ND
	Total Trihalomethanes	80	MCL	1.90	2.20	2.10	1.40	0.600	2.70	2.00	1.10

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		Location ID:		F2-JALU3302	F2-KILM3360		F2-KILM5427	F2-KOUH1845	F2-LOUN4110	F2-LOUN4115	F2-MALO3255
		Location Type:		Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:		3302 Jaluit Lane	3360 Kilmer Street		5427 Kilmer Lane	1845 Kou Haole Loop	4110 Lounsbury Street	4115 Lounsbury Street	3255 Maloelap Street
		Field Sample ID:		F2-TW-0011708-22070-N	F2-TW-0011732-22070-3-N	F2-TW-0011732-22070-N	F2-TW-0011756-22070-N	F2-TW-0009857-22070-N	F2-TW-0009887-22070-N	F2-TW-0009889-22070-N	F2-TW-0009898-22070-N
		Sample Date:		2022-03-28	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-23
		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	600	420	420	610	20.0	580	610	570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	300	580	290	ND	ND	ND	ND	330
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.0	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	55.0	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.80	1.90	1.90	2.20	2.00	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	1.70	1.20	1.20	1.20	1.50	1.30	1.40	1.40
	Copper	1300	MCL	5.50	5.00	6.00	4.20	97.5	11.5	7.50	10.2
	Lead	15	MCL	0.240	0.280	0.330	0.180	0.400	0.300	0.190	0.380
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0540
	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
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		Location ID:		F2-JALU3302	F2-KILM3360		F2-KILM5427	F2-KOUH1845	F2-LOUN4110	F2-LOUN4115	F2-MALO3255
		Location Type:		Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:		3302 Jaluit Lane	3360 Kilmer Street		5427 Kilmer Lane	1845 Kou Haole Loop	4110 Lounsbury Street	4115 Lounsbury Street	3255 Maloelap Street
		Field Sample ID:		F2-TW-0011708-22070-N	F2-TW-0011732-22070-3-N	F2-TW-0011732-22070-N	F2-TW-0011756-22070-N	F2-TW-0009857-22070-N	F2-TW-0009887-22070-N	F2-TW-0009889-22070-N	F2-TW-0009898-22070-N
		Sample Date:		2022-03-28	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-23
		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	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	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

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				Location ID:	F2-JALU3302	F2-KILM3360		F2-KILM5427	F2-KOUH1845	F2-LOUN4110	F2-LOUN4115	F2-MALO3255
				Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
				Address:	3302 Jaluit Lane	3360 Kilmer Street		5427 Kilmer Lane	1845 Kou Haole Loop	4110 Lounsbury Street	4115 Lounsbury Street	3255 Maloelap Street
				Field Sample ID:	F2-TW-0011708-22070-N	F2-TW-0011732-22070-3-N	F2-TW-0011732-22070-N	F2-TW-0011756-22070-N	F2-TW-0009857-22070-N	F2-TW-0009887-22070-N	F2-TW-0009889-22070-N	F2-TW-0009898-22070-N
				Sample Date:	2022-03-28	2022-03-25	2022-03-25	2022-03-25	2022-03-25	2022-03-24	2022-03-24	2022-03-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte											
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	0.680	ND
	Bromoform	--	--	0.510	ND	ND	ND	ND	0.780	1.50	2.50	0.510
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	1.00	1.60	ND
	Total Trihalomethanes	80	MCL	0.510	ND	ND	ND	ND	0.780	2.50	4.80	0.510

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		Location ID:		F2-MCCU1033	F2-MCCU1062	F2-MEYE0614	F2-MURR0847	F2-MURR0858	F2-MURR0865	F2-MURR0906	F2-MURR0933
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:		1033 McCurry Place	1062 McCurry Place	614 Meyerkord Loop	847 Murray Drive	858 Murray Drive	865 Murray Drive	906 Murray Drive	933 Murray Drive
		Field Sample ID:		F2-TW-0009920-22070-N	F2-TW-0009934-22070-N	F2-TW-0009957-22070-N	F2-TW-0010129-22070-N	F2-TW-0010137-22070-N	F2-TW-0010142-22070-N	F2-TW-0010162-22070-N	F2-TW-0010167-22070-N
		Sample Date:		2022-03-29	2022-03-24	2022-03-25	2022-03-25	2022-03-24	2022-03-25	2022-03-28	2022-03-24
		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	680	530	480	630	660	630	580	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	820	ND	ND	520	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	102	ND	ND	51.2	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	102	ND	ND	51.2	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.40	1.90	2.30	2.30	2.20	2.20	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	1.70	1.60	1.10	1.20	1.40	1.10	1.60	1.30
	Copper	1300	MCL	1.80	10.0	17.3	4.00	10.4	6.70	1.10	3.10
	Lead	15	MCL	0.350	2.70	0.360	0.150	0.420	0.340	ND	0.470
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	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

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1033 McCurry Place	1062 McCurry Place	614 Meyerkord Loop	847 Murray Drive	858 Murray Drive	865 Murray Drive	906 Murray Drive	933 Murray Drive
		Field Sample ID:	F2-TW-0009920-22070-N	F2-TW-0009934-22070-N	F2-TW-0009957-22070-N	F2-TW-0010129-22070-N	F2-TW-0010137-22070-N	F2-TW-0010142-22070-N	F2-TW-0010162-22070-N	F2-TW-0010167-22070-N
		Sample Date:	2022-03-29	2022-03-24	2022-03-25	2022-03-25	2022-03-24	2022-03-25	2022-03-28	2022-03-24
		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	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

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		Location ID:	F2-MCCU1033	F2-MCCU1062	F2-MEYE0614	F2-MURR0847	F2-MURR0858	F2-MURR0865	F2-MURR0906	F2-MURR0933
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1033 McCurry Place	1062 McCurry Place	614 Meyerkord Loop	847 Murray Drive	858 Murray Drive	865 Murray Drive	906 Murray Drive	933 Murray Drive
		Field Sample ID:	F2-TW-0009920-22070-N	F2-TW-0009934-22070-N	F2-TW-0009957-22070-N	F2-TW-0010129-22070-N	F2-TW-0010137-22070-N	F2-TW-0010142-22070-N	F2-TW-0010162-22070-N	F2-TW-0010167-22070-N
		Sample Date:	2022-03-29	2022-03-24	2022-03-25	2022-03-25	2022-03-24	2022-03-25	2022-03-28	2022-03-24
		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	0.780
	Bromoform	--	--	0.950	1.60	0.600	1.60	1.50	0.680	3.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.520	1.10	0.560	0.640	1.20	0.570	2.10
	Total Trihalomethanes	80	MCL	1.50	2.70	1.20	2.20	2.70	2.10	6.10

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		Location ID:		F2-MURR0956		F2-NYEC1624		F2-NYEP1938	F2-PETE3218	F2-PETE3228	F2-PETE3230	
		Location Type:		Residence		Residence		Residential Child Care	Residence	Residence	Residence	
		Address:		956 Murray Drive		1624 Nye Circle		1938 Nye Place (CDH)	3218 Peterson Court	3228 Peterson Court	3230 Peterson Court	
		Field Sample ID:		F2-TW-0010183-22070-N		F2-TW-0010428-22070-3-N	F2-TW-0010428-22070-N	F2-TW-0010449-22070-N	F2-TW-0010545-22070-N	F2-TW-0010550-22070-N	F2-TW-0010551-22070-3-N	F2-TW-0010551-22070-N
		Sample Date:		2022-03-25		2022-03-24	2022-03-24	2022-03-25	2022-03-25	2022-03-28	2022-03-25	2022-03-25
		Sample Type:		N (Normal)		FD (Field Duplicate)	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	640	670	670		420	720	350	530	530
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND		ND	ND	350	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.7	ND	ND		ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND		ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND		ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	53.7	ND	ND		ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.30	2.30		2.20	2.10	2.10	2.10	2.20
	Beryllium	4	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.60	1.40		1.30	1.40	1.70	1.40	1.30
	Copper	1300	MCL	2.10	85.0	102		55.2	27.6	11.7	23.0	23.9
	Lead	15	MCL	0.350	0.530	0.340		0.600	0.130	0.230	0.170	0.150
	Mercury	2	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND		ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND		ND	ND	ND	0.0520	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND		ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND		ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND		ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND		ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND		ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND		ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND		ND	ND	ND	ND	ND

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		Location ID:	F2-MURR0956	F2-NYEC1624		F2-NYEP1938	F2-PETE3218	F2-PETE3228	F2-PETE3230	
		Location Type:	Residence	Residence		Residential Child Care	Residence	Residence	Residence	
		Address:	956 Murray Drive	1624 Nye Circle		1938 Nye Place (CDH)	3218 Peterson Court	3228 Peterson Court	3230 Peterson Court	
		Field Sample ID:	F2-TW-0010183-22070-N	F2-TW-0010428-22070-3-N	F2-TW-0010428-22070-N	F2-TW-0010449-22070-N	F2-TW-0010545-22070-N	F2-TW-0010550-22070-N	F2-TW-0010551-22070-3-N	F2-TW-0010551-22070-N
		Sample Date:	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-25	2022-03-28	2022-03-25	2022-03-25
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	0.610	0.580	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	0.610	0.580	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

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		Location Type:	Residence	Residence		Residential Child Care	Residence	Residence	Residence	
		Address:	956 Murray Drive	1624 Nye Circle		1938 Nye Place (CDH)	3218 Peterson Court	3228 Peterson Court	3230 Peterson Court	
		Field Sample ID:	F2-TW-0010183-22070-N	F2-TW-0010428-22070-3-N	F2-TW-0010428-22070-N	F2-TW-0010449-22070-N	F2-TW-0010545-22070-N	F2-TW-0010550-22070-N	F2-TW-0010551-22070-3-N	F2-TW-0010551-22070-N
		Sample Date:	2022-03-25	2022-03-24	2022-03-24	2022-03-25	2022-03-25	2022-03-28	2022-03-25	2022-03-25
		Sample Type:	N (Normal)	FD (Field Duplicate)	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	--	--	1.40	0.870	0.800	1.20	ND	1.10	1.50
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.730	0.660	0.770	ND	0.700	0.720
	Total Trihalomethanes	80	MCL	1.40	1.60	1.50	1.90	ND	1.80	2.30

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				Location ID:	F2-PLUM1650	F2-PLUM1656	F2-PLUM1675	F2-POOL0737	F2-POOL0744	F2-RAMA0829	F2-ROGE0820	F2-SCHM2754
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care
				Address:	1650 Plumbago Court	1656 Plumbago Court	1675 Plumbago Court	737 Pool Street	744 Pool Street	829 Ramage Street	820 Rogers Street	2754 Schmitt Parkway (CDH)
				Field Sample ID:	F2-TW-0010803-22070-N	F2-TW-0010808-22070-N	F2-TW-0010814-22070-N	F2-TW-0010842-22070-N	F2-TW-0010844-22070-N	F2-TW-0010856-22070-N	F2-TW-0010860-22070-N	F2-TW-0010877-22070-N
				Sample Date:	2022-03-24	2022-03-25	2022-03-28	2022-03-25	2022-03-24	2022-03-25	2022-03-24	2022-03-24
				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	500	560	290	580	530	640	530	310	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	570	240	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	59.3	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	59.3	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.40	2.30	2.30	2.00	2.00	1.90	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	1.20	1.40	1.70	1.40	1.40	1.20	1.50	1.50	
	Copper	1300	MCL	51.5	82.4	129	22.6	5.30	3.10	8.60	9.00	
	Lead	15	MCL	0.280	0.140	0.360	0.840	0.380	0.320	0.440	0.310	
	Mercury	2	MCL	ND	ND	0.0330	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	0.0190	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	

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				Location ID:	F2-PLUM1650	F2-PLUM1656	F2-PLUM1675	F2-POOL0737	F2-POOL0744	F2-RAMA0829	F2-ROGE0820	F2-SCHM2754
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care
				Address:	1650 Plumbago Court	1656 Plumbago Court	1675 Plumbago Court	737 Pool Street	744 Pool Street	829 Ramage Street	820 Rogers Street	2754 Schmitt Parkway (CDH)
				Field Sample ID:	F2-TW-0010803-22070-N	F2-TW-0010808-22070-N	F2-TW-0010814-22070-N	F2-TW-0010842-22070-N	F2-TW-0010844-22070-N	F2-TW-0010856-22070-N	F2-TW-0010860-22070-N	F2-TW-0010877-22070-N
				Sample Date:	2022-03-24	2022-03-25	2022-03-28	2022-03-25	2022-03-24	2022-03-25	2022-03-24	2022-03-24
				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	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care
		Address:	1650 Plumbago Court	1656 Plumbago Court	1675 Plumbago Court	737 Pool Street	744 Pool Street	829 Ramage Street	820 Rogers Street	2754 Schmitt Parkway (CDH)
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		Sample Date:	2022-03-24	2022-03-25	2022-03-28	2022-03-25	2022-03-24	2022-03-25	2022-03-24	2022-03-24
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.500	ND
	Bromoform	--	--	1.30	0.730	1.00	1.70	0.840	1.90	1.50
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.840	ND	0.580	0.570	0.600	1.00	0.900
	Total Trihalomethanes	80	MCL	2.10	0.730	1.60	2.30	1.40	3.50	2.40

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

Drinking Water Samples Collected in March and April 2022 from Residences in Zone F2

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N (Grab, Resample) = Additional follow-up sample

		Location ID:		F2-SIBL0741	F2-SNYD3144	F2-SNYD3184	F2-SNYD3206	F2-STOW2618	F2-STOW2645	F2-STOW2701	F2-TIAR1711
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:		741 Sibley Street	3144 Snyder Court	3184 Snyder Court	3206 Snyder Court	2618 Stowell Circle	2645 Stowell Circle	2701 Stowell Circle	1711 Tiare Court
		Field Sample ID:		F2-TW-0010959-22070-N	F2-TW-0010573-22070-N	F2-TW-0010793-22070-N	F2-TW-0010974-22070-N	F2-TW-0009244-22070-N	F2-TW-0009249-22070-N	F2-TW-0009266-22070-N	F2-TW-0009316-22070-N
		Sample Date:		2022-03-25	2022-03-23	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25	2022-03-24
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	470	510	40.0	320	560	500	600	200
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	550	ND	510	ND	ND	ND	530	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.50	2.20	2.30	2.20	2.10	2.10	2.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.50	1.30	1.50	1.20	1.30	1.30	1.50
	Copper	1300	MCL	7.20	22.7	33.8	42.4	14.7	10.8	4.00	159
	Lead	15	MCL	0.300	ND	ND	ND	0.470	4.20	0.200	20.6 §
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	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

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		Location ID:	F2-SIBL0741	F2-SNYD3144	F2-SNYD3184	F2-SNYD3206	F2-STOW2618	F2-STOW2645	F2-STOW2701	F2-TIAR1711
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	741 Sibley Street	3144 Snyder Court	3184 Snyder Court	3206 Snyder Court	2618 Stowell Circle	2645 Stowell Circle	2701 Stowell Circle	1711 Tiare Court
		Field Sample ID:	F2-TW-0010959-22070-N	F2-TW-0010573-22070-N	F2-TW-0010793-22070-N	F2-TW-0010974-22070-N	F2-TW-0009244-22070-N	F2-TW-0009249-22070-N	F2-TW-0009266-22070-N	F2-TW-0009316-22070-N
		Sample Date:	2022-03-25	2022-03-23	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25	2022-03-24
		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	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	1.40
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	741 Sibley Street	3144 Snyder Court	3184 Snyder Court	3206 Snyder Court	2618 Stowell Circle	2645 Stowell Circle	2701 Stowell Circle	1711 Tiare Court
				Field Sample ID:	F2-TW-0010959-22070-N	F2-TW-0010573-22070-N	F2-TW-0010793-22070-N	F2-TW-0010974-22070-N	F2-TW-0009244-22070-N	F2-TW-0009249-22070-N	F2-TW-0009266-22070-N	F2-TW-0009316-22070-N
				Sample Date:	2022-03-25	2022-03-23	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25	2022-03-24
				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	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	1.40
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.610	0.950	0.950	2.70	1.80	0.940	0.730	9.00	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.610	0.610	1.60	0.880	0.520	ND	2.40	
	Total Trihalomethanes	80	MCL	0.610	1.60	1.60	4.30	2.70	1.50	0.730	11.3	

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Zone F2 Long Term Monitoring
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				Location ID:	F2-TIAR1711				F2-VAES3076
				Location Type:	Residence				Residence
				Address:	1711 Tiare Court				3076 Vaessen Court
				Field Sample ID:	F2-TW-0009316-22070-N-1	F2-TW-0009316-22070-N-2	F2-TW-0009316-22070-N-3	F2-TW-0009316-22070-N-R1	F2-TW-0009352-22070-N
				Sample Date:	2022-04-06	2022-04-06	2022-04-06	2022-04-06	2022-03-25
				Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	470-580	470-580	470-580	470-580	350	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	--	--	--	600	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	--	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	--	--	--	--	ND	
	Petroleum Hydrocarbons, Total	211	ISP	--	--	--	--	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.20	2.20	2.20	2.30	3.40	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.90	1.90	1.90	2.00	1.20	
	Copper	1300	MCL	112	181	88.7	126	ND	
	Lead	15	MCL	0.380	0.710	0.840	0.470	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	
	Thallium	2	MCL	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	--	--	--	--	ND	
	2-Methylnaphthalene	10	EAL	--	--	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	0.0190	
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	--	--	ND	
	Naphthalene	17	EAL	--	--	--	--	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	--	--	--	--	ND	
	1,1,2-Trichloroethane	5	MCL	--	--	--	--	ND	
	1,1-Dichloroethene	7	MCL	--	--	--	--	ND	

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		Location ID:	F2-TIAR1711				F2-VAES3076
		Location Type:	Residence				Residence
		Address:	1711 Tiare Court				3076 Vaessen Court
		Field Sample ID:	F2-TW-0009316-22070-N-1	F2-TW-0009316-22070-N-2	F2-TW-0009316-22070-N-3	F2-TW-0009316-22070-N-R1	F2-TW-0009352-22070-N
		Sample Date:	2022-04-06	2022-04-06	2022-04-06	2022-04-06	2022-03-25
		Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	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
	1,2-Dichlorobenzene	600	MCL	--	--	--	ND
	1,2-Dichloroethane	5	MCL	--	--	--	ND
	1,2-Dichloroethene	70	MCL	--	--	--	ND
	1,2-Dichloropropane	5	MCL	--	--	--	ND
	1,4-Dichlorobenzene	75	MCL	--	--	--	ND
	Benzene	5	MCL	--	--	--	ND
	Carbon Tetrachloride	5	MCL	--	--	--	ND
	Chlorobenzene	100	MCL	--	--	--	ND
	cis-1,2-Dichloroethene	70	MCL	--	--	--	ND
	Ethylbenzene	700	MCL	--	--	--	ND
	m,p-Xylene	--	--	--	--	--	ND
	Methylene chloride	5	MCL	--	--	--	ND
	o-Xylene	--	--	--	--	--	ND
	Styrene	100	MCL	--	--	--	ND
	Tetrachloroethene (PCE)	5	MCL	--	--	--	ND
	Toluene	1000	MCL	--	--	--	ND
	trans-1,2-Dichloroethene	100	MCL	--	--	--	ND
	Trichloroethene (TCE)	5	MCL	--	--	--	ND
	Vinyl chloride	2	MCL	--	--	--	ND
	Xylenes, Total	10000	MCL	--	--	--	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	--	--	ND
	Chloroacetic acid	--	--	--	--	--	ND
	Dibromoacetic acid	--	--	--	--	--	ND
	Dichloroacetic acid	--	--	--	--	--	ND

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				Location ID:	F2-TIAR1711				F2-VAES3076
				Location Type:	Residence				Residence
				Address:	1711 Tiare Court				3076 Vaessen Court
				Field Sample ID:	F2-TW-0009316-22070-N-1	F2-TW-0009316-22070-N-2	F2-TW-0009316-22070-N-3	F2-TW-0009316-22070-N-R1	F2-TW-0009352-22070-N
				Sample Date:	2022-04-06	2022-04-06	2022-04-06	2022-04-06	2022-03-25
				Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Normal)
				DOH Project Screening Level					
				Basis of Project Screening Level					
Method Group	Analyte								
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	--	--	--	--	--	ND
	Total Haloacetic acids	60	MCL	--	--	--	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	--	--	ND
	Bromoform	--	--	--	--	--	--	--	1.20
	Chloroform	--	--	--	--	--	--	--	ND
	Dibromochloromethane	--	--	--	--	--	--	--	0.790
	Total Trihalomethanes	80	MCL	--	--	--	--	--	2.00

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

Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone F2

Notes:
ND = Not Detected
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FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:		F2-BLDG1928		F2-BLDG4655	
		Location Type:		Child Development Center		Child Development Center	
		Address:		Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)		Building 4655,CATLIN SCHOOL AGE CENTER	
		Field Sample ID:		F2-TW-0014145- 22070-N-1	F2-TW-0014145- 22070-N-2	F2-TW-0014156- 22070-N-1	F2-TW-0014156- 22070-N-2
		Sample Date:		2022-04-01	2022-04-01	2022-04-01	2022-04-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Field Test (ppb)	Free Chlorine	4000	MCL	380-430	380-430	310-350	310-350
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	2.30	2.40	2.50	2.20
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	2.00	2.00	2.10	2.20
	Copper	1300	MCL	19.8	13.7	125	41.5
	Lead	15	MCL	ND	ND	0.160	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND

Summary of Chemistry Results
Zone F2 Long Term Monitoring
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Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone F2

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		Location ID:	F2-BLDG1928		F2-BLDG4655	
		Location Type:	Child Development Center		Child Development Center	
		Address:	Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)		Building 4655,CATLIN SCHOOL AGE CENTER	
		Field Sample ID:	F2-TW-0014145- 22070-N-1	F2-TW-0014145- 22070-N-2	F2-TW-0014156- 22070-N-1	F2-TW-0014156- 22070-N-2
		Sample Date:	2022-04-01	2022-04-01	2022-04-01	2022-04-01
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	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	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

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

Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone F2

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

		Location ID:	F2-BLDG1928		F2-BLDG4655	
		Location Type:	Child Development Center		Child Development Center	
		Address:	Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)		Building 4655,CATLIN SCHOOL AGE CENTER	
		Field Sample ID:	F2-TW-0014145- 22070-N-1	F2-TW-0014145- 22070-N-2	F2-TW-0014156- 22070-N-1	F2-TW-0014156- 22070-N-2
		Sample Date:	2022-04-01	2022-04-01	2022-04-01	2022-04-01
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	0.730	0.680	ND
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.730	0.680	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 March 2022 from Other Buildings 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-BLDG0893	F2-BLDG1924	F2-BLDG1925	F2-BLDG606-POO	F2-BLDG6890
		Location Type:		Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
		Address:		Building 893,GOLF COURSE MAINT TRNG FAC	Building 1924,DRILL HALL	Building 1925,MWR CHILD DEVELOPMENT HOME PROGRAM	Building 606- POO,COMMUNITY CENTER POOL Street	Building 6890,NEX MINI-MART HALSEY
		Field Sample ID:		F2-TW-0014141- 22070-N	F2-TW-0014143- 22070-N	F2-TW-0014144- 22070-N	F2-TW-0014203- 22070-N	F2-TW-0014157- 22070-N
		Sample Date:		2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25
		Sample Type:		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	30.0	500	570	730	120
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	650	ND	ND	ND	520
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.80	2.30	2.20	1.90	3.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.40	1.30	1.30	1.10
	Copper	1300	MCL	53.2	20.7	19.2	11.3	67.2
	Lead	15	MCL	ND	ND	ND	0.350	0.340
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	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	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	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 March 2022 from Other Buildings 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-BLDG0893	F2-BLDG1924	F2-BLDG1925	F2-BLDG606-POO	F2-BLDG6890
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 893,GOLF COURSE MAINT TRNG FAC	Building 1924,DRILL HALL	Building 1925,MWR CHILD DEVELOPMENT HOME PROGRAM	Building 606-POO,COMMUNITY CENTER POOL Street	Building 6890,NEX MINI-MART HALSEY
				Field Sample ID:	F2-TW-0014141-22070-N	F2-TW-0014143-22070-N	F2-TW-0014144-22070-N	F2-TW-0014203-22070-N	F2-TW-0014157-22070-N
				Sample Date:	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	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

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

Drinking Water Samples Collected in March 2022 from Other Buildings 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-BLDG0893	F2-BLDG1924	F2-BLDG1925	F2-BLDG606-POO	F2-BLDG6890
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
		Address:	Building 893,GOLF COURSE MAINT TRNG FAC	Building 1924,DRILL HALL	Building 1925,MWR CHILD DEVELOPMENT HOME PROGRAM	Building 606- POO,COMMUNITY CENTER POOL Street	Building 6890,NEX MINI-MART HALSEY
		Field Sample ID:	F2-TW-0014141- 22070-N	F2-TW-0014143- 22070-N	F2-TW-0014144- 22070-N	F2-TW-0014203- 22070-N	F2-TW-0014157- 22070-N
		Sample Date:	2022-03-24	2022-03-24	2022-03-25	2022-03-24	2022-03-25
		Sample Type:	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)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	2.50	0.770	1.10	0.510
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.20	0.540	0.550	ND
	Total Trihalomethanes	80	MCL	3.80	1.30	1.70	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 March and April 2022 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-0017744-22070 -N	F2-DL-0017772-22070 -N	F2-DL-0017745-22070 -N	F2-DL-0017776-22070 -N	F2-DL-0017746-22070 -N	F2-DL-0017771-22070 -N	F2-DL-0017747-22070 -N	F2-DL-0017748-22070 -N
		Sample Date:		2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24
		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	540	570	360	540	530	550	390	300
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	580	550	640	260	640	550
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	59.0	ND	ND	54.3	ND	52.2	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	59.0	ND	ND	54.3	ND	52.2	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	3.30	2.00	3.00	2.40	2.30	2.00	3.10	3.40
	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	1.50	1.40	1.40	1.50	1.40	1.30	1.50	1.40
	Copper	1300	MCL	2.40	1.90	1.60	42.8	5.30	2.10	3.70	4.50
	Lead	15	MCL	0.230	0.230	0.310	2.70	0.640	0.160	0.840	0.500
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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

Drinking Water Samples Collected in March and April 2022 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-0017744-22070 -N	F2-DL-0017772-22070 -N	F2-DL-0017745-22070 -N	F2-DL-0017776-22070 -N	F2-DL-0017746-22070 -N	F2-DL-0017771-22070 -N	F2-DL-0017747-22070 -N	F2-DL-0017748-22070 -N
				Sample Date:	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24
				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	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

Drinking Water Samples Collected in March and April 2022 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-0017744-22070-N	F2-DL-0017772-22070-N	F2-DL-0017745-22070-N	F2-DL-0017776-22070-N	F2-DL-0017746-22070-N	F2-DL-0017771-22070-N	F2-DL-0017747-22070-N	F2-DL-0017748-22070-N
				Sample Date:	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24	2022-03-24
				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	1.20	ND	1.50	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	1.20	ND	1.50	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	2.40	ND	0.750	
	Bromoform	--	--	0.830	ND	5.00	0.870	0.980	5.40	1.10	5.30	
	Chloroform	--	--	ND	ND	ND	ND	ND	1.70	ND	ND	
	Dibromochloromethane	--	--	ND	ND	0.860	0.510	ND	5.30	0.720	2.80	
	Total Trihalomethanes	80	MCL	0.830	ND	5.90	1.40	0.980	14.8	1.80	8.90	

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

Drinking Water Samples Collected in March and April 2022 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-HYD0039	F2-HYD003A	F2-HYD0047		F2-HYD0213	F2-HYD0312	F2-HYD0520	F2-HYD071A
		Location Type:		Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant
		Address:		FH 39	FH 3A	FH 47		FH 213 (Possibly F2-HYD0020)	FH-41	FH 520 (Possibly F2-HYD0018)	FH 71A
		Field Sample ID:		F2-DL-0017749-22070 -N	F2-DL-0017773-22070 -N	F2-DL-0017750-22070 -N	F2-DL-0017750-22070 -N-R1	F2-DL-0017774-22070 -N	F2-DL-0017891-22070 -N	F2-DL-0017775-22070 -N	F2-DL-0017751-22070 -N
		Sample Date:		2022-03-24	2022-03-24	2022-03-24	2022-04-08	2022-03-24	2022-04-08	2022-03-24	2022-03-24
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	300	600	570	740	440	730	400	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	260	360	130000 §	ND	550	ND	470	570
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.0	62.8	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	--	ND	--	92.1	ND
	Petroleum Hydrocarbons, Total	211	ISP	53.0	62.8	ND	--	ND	--	92.1	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	--	ND	--	ND	ND
	Arsenic	10	MCL	ND	ND	ND	--	ND	--	ND	ND
	Barium	2000	MCL	2.30	2.00	2.50	--	2.30	--	2.30	2.40
	Beryllium	4	MCL	ND	ND	ND	--	ND	--	ND	ND
	Cadmium	5	MCL	ND	ND	ND	--	ND	--	ND	ND
	Chromium	100	MCL	1.40	1.40	1.60	--	1.40	--	1.40	1.60
	Copper	1300	MCL	4.20	3.40	3.80	--	3.70	--	3.00	6.50
	Lead	15	MCL	0.130	0.330	0.440	--	0.420	--	0.340	ND
	Mercury	2	MCL	ND	ND	ND	--	ND	--	ND	ND
	Selenium	50	MCL	ND	ND	ND	--	ND	--	ND	ND
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

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				Location ID:	F2-HYD0039	F2-HYD003A	F2-HYD0047		F2-HYD0213	F2-HYD0312	F2-HYD0520	F2-HYD071A
				Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH 39	FH 3A	FH 47		FH 213 (Possibly F2-HYD0020)	FH-41	FH 520 (Possibly F2-HYD0018)	FH 71A
				Field Sample ID:	F2-DL-0017749-22070 -N	F2-DL-0017773-22070 -N	F2-DL-0017750-22070 -N	F2-DL-0017750-22070 -N-R1	F2-DL-0017774-22070 -N	F2-DL-0017891-22070 -N	F2-DL-0017775-22070 -N	F2-DL-0017751-22070 -N
				Sample Date:	2022-03-24	2022-03-24	2022-03-24	2022-04-08	2022-03-24	2022-04-08	2022-03-24	2022-03-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Grab, Resample)	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	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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	--	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	--	ND	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	--	ND	--	ND	ND	ND

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		Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant
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		Sample Date:	2022-03-24	2022-03-24	2022-03-24	2022-04-08	2022-03-24	2022-04-08	2022-03-24	2022-03-24
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Grab, Resample)	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
	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	0.640	1.10	--	0.910	--	1.30
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	0.560	0.610	--	0.790	--	0.570
	Total Trihalomethanes	80	MCL	ND	1.20	1.70	--	1.70	--	2.00

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			Location ID:	F2-HYD1967	F2-HYD305	F2-HYD316
			Location Type:	Hydrant	Hydrant	Hydrant
			Address:	FH-48	FH ID: FH-40	FH ID: FH-50
			Field Sample ID:	F2-DL-0017892-22070 -N	F2-DL-0000596-22070 -N	F2-DL-0000600-22070 -N
			Sample Date:	2022-04-08	2022-04-08	2022-04-08
			Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Field Test (ppb)	Free Chlorine	4000	MCL	720	640	720
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND