

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 2023 from Residences in Zone F2

Notes:
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ISP = Incident Specific Parameter
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				Location ID:	F2-CURT3015		F2-FINC4129	F2-GORD2810	F2-MEYE0614	F2-PETE3240	F2-TIAR1701
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence
				Address:	3015 Curtis Drive		4129 Fincher Street	2810 Gordon Street	614 Meyerkord Loop	3240 Peterson Court	1701 Tiare Court
				Field Sample ID:	F2-TW-0011139-23155-3-N	F2-TW-0011139-23155-N	F2-TW-0011474-23155-N-T	F2-TW-0011607-23155-N-T	F2-TW-0009957-23155-N-T	F2-TW-0010556-23155-N-T	F2-TW-0009312-23155-N
				Sample Date:	2023-06-27	2023-06-27	2023-06-30	2023-06-30	2023-06-30	2023-06-30	2023-06-26
				Sample Type:	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	490	490	390	500	570	450	60.0	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	62.5	64.2	91.8	62.4	87.2	63.8	54.9	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	80.4	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	62.5	64.2	91.8	62.4	168	63.8	54.9	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.330	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.10	2.30	2.20	1.90	2.20	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	2.10	2.00	2.00	1.90	1.90	2.00	1.90	
	Copper	1300	MCL	15.7	18.7	4.80	14.1	5.30	22.4	197	
	Lead	15	MCL	ND	ND	0.140	0.200	0.170	ND	1.50	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	0.530	
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.120		
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

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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
	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
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND

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		DOH Project Screening Level	Basis of Project Screening Level						
Method Group	Analyte								
Haloacetic Acids (ppb)	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	--	--	ND	ND	0.430	ND	0.270	1.80
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.260	ND	ND	0.260
	Total Trihalomethanes	80	MCL	ND	ND	0.690	ND	0.270	2.06

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		Location ID:	F2-HYD0002	
		Location Type:	Hydrant	
		Address:	FH 2	
		Field Sample ID:	F2-DL-0017744-23155 -N-T	
		Sample Date:	2023-06-30	
		Sample Type:	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Field Test (ppb)	Free Chlorine	4000	MCL	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	2.50
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	2.00
	Mercury	2	MCL	ND
	Selenium	50	MCL	0.300
	Thallium	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	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
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND

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

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			Location Type:	Hydrant
			Address:	FH 2
			Field Sample ID:	F2-DL-0017744-23155 -N-T
			Sample Date:	2023-06-30
			Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
	Xylenes, Total	10000	MCL	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--
Chloroacetic acid		--	--	ND
Dibromoacetic acid		--	--	1.10
Dichloroacetic acid		--	--	ND
Trichloroacetic acid		--	--	ND
Total Haloacetic acids		60	MCL	1.10

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				Location Type:	Hydrant
				Address:	FH 2
				Field Sample ID:	F2-DL-0017744-23155 -N-T
				Sample Date:	2023-06-30
				Sample Type:	N (Normal)
		DOH Project Screening Level	Basis of Project Screening Level		
Method Group	Analyte				
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	
	Bromoform	--	--	ND	
	Chloroform	--	--	ND	
	Dibromochloromethane	--	--	ND	
	Total Trihalomethanes	80	MCL	ND	

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