

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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§ - Exceeds Screening Level
-- = No Information Available
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		Location ID:		D1-ABEN3329	D1-AORL3323	D1-ASTO3319	D1-BBEN3330	D1-BOTH0408		D1-BSMI3339	D1-BTEA3313
		Location Type:		Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:		3329A Benoit Place	3323 Orlando Place	3319A Stommes Place	3330B Benoit Place	408 Bothne Court		3339 Smith Circle	3313 Teague Place
		Field Sample ID:		D1-TW-0000710-22150-N	D1-TW-0001150-22150-N	D1-TW-0001094-22150-N	D1-TW-0000713-22150-N	D1-TW-0001014-22150-3-N	D1-TW-0001014-22150-N	D1-TW-0000745-22150-N	D1-TW-0001135-22150-N
		Sample Date:		2022-06-24	2022-11-03	2022-06-23	2022-08-25	2022-06-24	2022-06-24	2022-07-25	2022-07-25
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	560	60.0	500	420	530	530	340	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	83.8	ND	ND	63.0	78.8	81.1	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	83.8	ND	ND	63.0	78.8	81.1	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.560	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.10	1.80	1.90	1.80	1.80	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.760	2.20	0.850	1.60	0.730	0.750	1.40	1.30
	Copper	1300	MCL	25.3	47.8	22.2	9.90	38.9	37.5	27.5	18.6
	Lead	15	MCL	1.30	0.190	ND	ND	2.80	1.90	0.250	0.150
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.20	0.340	0.980	ND	1.00	0.840	0.330	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
		Address:	3329A Benoit Place	3323 Orlando Place	3319A Stommes Place	3330B Benoit Place	408 Bothne Court		3339 Smith Circle	3313 Teague Place
		Field Sample ID:	D1-TW-0000710-22150-N	D1-TW-0001150-22150-N	D1-TW-0001094-22150-N	D1-TW-0000713-22150-N	D1-TW-0001014-22150-3-N	D1-TW-0001014-22150-N	D1-TW-0000745-22150-N	D1-TW-0001135-22150-N
		Sample Date:	2022-06-24	2022-11-03	2022-06-23	2022-08-25	2022-06-24	2022-06-24	2022-07-25	2022-07-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Address:	3329A Benoit Place	3323 Orlando Place	3319A Stommes Place	3330B Benoit Place	408 Bothne Court		3339 Smith Circle	3313 Teague Place
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		Sample Date:	2022-06-24	2022-11-03	2022-06-23	2022-08-25	2022-06-24	2022-06-24	2022-07-25	2022-07-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.400	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	3.20	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.900	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	4.50	ND	ND	ND	ND	ND

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		Location ID:	D1-CSMI3343	D1-CSTO3319	D1-CVAL3306	D1-CVAL3307	D1-DUNL0225	D1-EOUT1014	D1-FISL1803	D1-FISL1809	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3343 Smith Circle	3319C Stommes Place	3306C Valdez Place	3307C Valdez Place	225 Dunlap Court	1014 East Outerbridge Court	1803 Fisler Court	1809 Fisler Court	
		Field Sample ID:	D1-TW-0000762-22150-N	D1-TW-0001096-22150-N	D1-TW-0001186-22150-N	D1-TW-0001192-22150-N	D1-TW-0001080-22150-N	D1-TW-0000873-22150-N	D1-TW-0000989-22150-N	D1-TW-0000995-22150-N	
		Sample Date:	2022-06-23	2022-06-24	2022-06-24	2022-06-24	2022-10-03	2022-07-26	2022-07-28	2022-07-25	
		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	530	540	320	310	590	330	460	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.5	73.1	59.8	76.9	55.5	56.2	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	266	ISP	54.5	73.1	59.8	76.9	55.5	56.2	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.750	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.90	2.00	2.30	1.80	1.80	1.80	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.970	0.790	0.710	0.560	1.80	1.30	1.10	1.50
	Copper	1300	MCL	17.2	15.1	25.1	14.6	22.7	46.8	86.7	43.2
	Lead	15	MCL	0.220	0.150	0.200	0.140	ND	0.130	0.980	0.290
	Mercury	2	MCL	ND	0.0260	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.630	1.30	2.00	0.930	ND	0.540	0.570	0.320
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:	D1-CSMI3343	D1-CSTO3319	D1-CVAL3306	D1-CVAL3307	D1-DUNL0225	D1-EOUT1014	D1-FISL1803	D1-FISL1809	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3343 Smith Circle	3319C Stommes Place	3306C Valdez Place	3307C Valdez Place	225 Dunlap Court	1014 East Outerbridge Court	1803 Fisler Court	1809 Fisler Court	
		Field Sample ID:	D1-TW-0000762-22150-N	D1-TW-0001096-22150-N	D1-TW-0001186-22150-N	D1-TW-0001192-22150-N	D1-TW-0001080-22150-N	D1-TW-0000873-22150-N	D1-TW-0000989-22150-N	D1-TW-0000995-22150-N	
		Sample Date:	2022-06-23	2022-06-24	2022-06-24	2022-06-24	2022-10-03	2022-07-26	2022-07-28	2022-07-25	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

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		Sample Date:	2022-06-23	2022-06-24	2022-06-24	2022-06-24	2022-10-03	2022-07-26	2022-07-28	2022-07-25
		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	--	--	ND	0.880	1.50	ND	ND	0.630	1.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.570	0.970	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	1.45	2.47	ND	ND	0.630	1.10

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		Location ID:	D1-FVAL3308	D1-GOMB1400	D1-GOMB1404	D1-GOMB1405		D1-GOMB1411	D1-GRAH0510	D1-HUTT0900	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	3308F Valdez Place	1400 Gombasy Court	1404 Gombasy Court	1405 Gombasy Court		1411 Gombasy Court	510 Graham Court	900 Huttenberg Court	
		Field Sample ID:	D1-TW-0001199-22150-N	D1-TW-0000896-22150-N	D1-TW-0000900-22150-N	D1-TW-0000901-22150-3-N	D1-TW-0000901-22150-N	D1-TW-0000907-22150-N	D1-TW-0001030-22150-N	D1-TW-0000792-22150-N	
		Sample Date:	2022-06-23	2022-06-24	2022-07-27	2022-07-27	2022-07-27	2022-08-25	2022-07-25	2022-06-24	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	350	170	280	330	330	200	380	340
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	79.3	ND	ND	ND	59.0	ND	69.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	79.3	ND	ND	ND	59.0	ND	69.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.640	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.30	1.80	2.00	1.90	1.90	2.00	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.870	0.710	1.30	1.30	1.30	1.60	1.50	0.550
	Copper	1300	MCL	19.6	55.2	58.6	87.4	86.3	40.4	35.2	101
	Lead	15	MCL	ND	ND	0.270	0.490	0.480	0.150	0.320	0.740
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.880	0.640	0.530	0.410	ND	0.370	0.350
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 D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

Notes:
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

		Location ID:	D1-FVAL3308	D1-GOMB1400	D1-GOMB1404	D1-GOMB1405		D1-GOMB1411	D1-GRAH0510	D1-HUTT0900
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	3308F Valdez Place	1400 Gombasy Court	1404 Gombasy Court	1405 Gombasy Court		1411 Gombasy Court	510 Graham Court	900 Huttenberg Court
		Field Sample ID:	D1-TW-0001199-22150-N	D1-TW-0000896-22150-N	D1-TW-0000900-22150-N	D1-TW-0000901-22150-3-N	D1-TW-0000901-22150-N	D1-TW-0000907-22150-N	D1-TW-0001030-22150-N	D1-TW-0000792-22150-N
		Sample Date:	2022-06-23	2022-06-24	2022-07-27	2022-07-27	2022-07-27	2022-08-25	2022-07-25	2022-06-24
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-FVAL3308	D1-GOMB1400	D1-GOMB1404	D1-GOMB1405		D1-GOMB1411	D1-GRAH0510	D1-HUTT0900
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3308F Valdez Place	1400 Gombasy Court	1404 Gombasy Court	1405 Gombasy Court		1411 Gombasy Court	510 Graham Court	900 Huttenberg Court
				Field Sample ID:	D1-TW-0001199-22150-N	D1-TW-0000896-22150-N	D1-TW-0000900-22150-N	D1-TW-0000901-22150-3-N	D1-TW-0000901-22150-N	D1-TW-0000907-22150-N	D1-TW-0001030-22150-N	D1-TW-0000792-22150-N
				Sample Date:	2022-06-23	2022-06-24	2022-07-27	2022-07-27	2022-07-27	2022-08-25	2022-07-25	2022-06-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.20	4.60	ND	ND	ND	0.370	0.750	0.570	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.790	1.30	ND	ND	ND	ND	0.500	ND	
	Total Trihalomethanes	80	MCL	1.99	5.90	ND	ND	ND	0.370	1.25	0.570	

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Zone D1 Long Term Monitoring
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		Location ID:	D1-HUTT0901	D1-HUTT0906	D1-HUTT0909	D1-HUTT0913	D1-HUTT0917	D1-KAUF1503	D1-KAUF1518	D1-MCMU1309	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	901 Huttenberg Court	906 Huttenberg Court	909 Huttenberg Court	913 Huttenberg Court	917 Huttenberg Court	1503 Kaufman Court	1518 Kaufman Court	1309 McMurtry Court	
		Field Sample ID:	D1-TW-0000793-22150-N	D1-TW-0000798-22150-N	D1-TW-0000801-22150-N	D1-TW-0000805-22150-N	D1-TW-0000809-22150-N	D1-TW-0000937-22150-N	D1-TW-0000952-22150-N	D1-TW-0000917-22150-N	
		Sample Date:	2022-07-26	2022-08-25	2022-07-26	2022-07-27	2022-07-22	2022-07-28	2022-07-28	2022-07-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	480	370	380	390	310	540	390	560
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.8	52.8	ND	ND	ND	50.2	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	266	ISP	52.8	52.8	ND	ND	ND	50.2	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	1.90	2.00	1.90	1.80	1.90	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.60	1.50	1.30	1.20	1.10	1.10	1.30
	Copper	1300	MCL	21.5	57.7	18.6	49.6	44.8	31.1	89.4	25.9
	Lead	15	MCL	0.150	ND	0.150	0.290	0.130	0.190	0.690	ND
	Mercury	2	MCL	ND	ND	ND	ND	0.0280	ND	ND	ND
	Selenium	50	MCL	0.440	ND	0.460	0.400	0.440	0.590	0.480	0.510
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 D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

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§ - Exceeds Screening Level
-- = No Information Available
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		Location ID:	D1-HUTT0901	D1-HUTT0906	D1-HUTT0909	D1-HUTT0913	D1-HUTT0917	D1-KAUF1503	D1-KAUF1518	D1-MCMU1309
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	901 Huttenberg Court	906 Huttenberg Court	909 Huttenberg Court	913 Huttenberg Court	917 Huttenberg Court	1503 Kaufman Court	1518 Kaufman Court	1309 McMurtry Court
		Field Sample ID:	D1-TW-0000793-22150-N	D1-TW-0000798-22150-N	D1-TW-0000801-22150-N	D1-TW-0000805-22150-N	D1-TW-0000809-22150-N	D1-TW-0000937-22150-N	D1-TW-0000952-22150-N	D1-TW-0000917-22150-N
		Sample Date:	2022-07-26	2022-08-25	2022-07-26	2022-07-27	2022-07-22	2022-07-28	2022-07-28	2022-07-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D1-HUTT0901	D1-HUTT0906	D1-HUTT0909	D1-HUTT0913	D1-HUTT0917	D1-KAUF1503	D1-KAUF1518	D1-MCMU1309
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	901 Huttenberg Court	906 Huttenberg Court	909 Huttenberg Court	913 Huttenberg Court	917 Huttenberg Court	1503 Kaufman Court	1518 Kaufman Court	1309 McMurtry Court
		Field Sample ID:	D1-TW-0000793-22150-N	D1-TW-0000798-22150-N	D1-TW-0000801-22150-N	D1-TW-0000805-22150-N	D1-TW-0000809-22150-N	D1-TW-0000937-22150-N	D1-TW-0000952-22150-N	D1-TW-0000917-22150-N
		Sample Date:	2022-07-26	2022-08-25	2022-07-26	2022-07-27	2022-07-22	2022-07-28	2022-07-28	2022-07-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.360	ND	ND	1.80	ND	2.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.900	ND	1.30
	Total Trihalomethanes	80	MCL	ND	0.360	ND	ND	2.70	ND	3.40

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-MCMU1316		D1-MEAD1201	D1-SING0108	D1-SING0114	D1-SING0117	D1-SING0131	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	1316 McMurtry Court		1201 Mead Place	108 Singleton Court	114 Singleton Court	117 Singleton Court	131 Singleton Court	
				Field Sample ID:	D1-TW-0000919-22150-N	D1-TW-0000924-22150-3-N	D1-TW-0000924-22150-N	D1-TW-0000891-22150-N	D1-TW-0001046-22150-N	D1-TW-0001052-22150-N	D1-TW-0001055-22150-N	D1-TW-0001067-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-27	2022-10-03	2022-07-27	2022-06-23	2022-07-26	2022-06-24
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	410	490	490	600	750	620	360	540	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	63.0	ND	ND	58.0	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	63.0	ND	ND	58.0	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.800	ND	ND	
	Barium	2000	MCL	2.00	1.80	1.80	1.80	1.80	1.80	1.80	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	1.20	1.30	1.20	1.90	1.30	1.00	1.40	0.540	
	Copper	1300	MCL	65.6	28.5	29.4	8.40	35.0	46.2	59.5	60.5	
	Lead	15	MCL	0.520	ND	ND	ND	0.320	0.750	ND	0.650	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.480	0.610	0.450	ND	0.610	1.20	0.460	1.40	
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:	D1-MCMU1316		D1-MEAD1201	D1-SING0108	D1-SING0114	D1-SING0117	D1-SING0131	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	1316 McMurtry Court		1201 Mead Place	108 Singleton Court	114 Singleton Court	117 Singleton Court	131 Singleton Court	
				Field Sample ID:	D1-TW-0000919-22150-N	D1-TW-0000924-22150-3-N	D1-TW-0000924-22150-N	D1-TW-0000891-22150-N	D1-TW-0001046-22150-N	D1-TW-0001052-22150-N	D1-TW-0001055-22150-N	D1-TW-0001067-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-27	2022-10-03	2022-07-27	2022-06-23	2022-07-26	2022-06-24
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

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EPA MCL = EPA Maximum Contaminant Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-MCMU1316		D1-MEAD1201	D1-SING0108	D1-SING0114	D1-SING0117	D1-SING0131	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	1316 McMurtry Court		1201 Mead Place	108 Singleton Court	114 Singleton Court	117 Singleton Court	131 Singleton Court	
				Field Sample ID:	D1-TW-0000919-22150-N	D1-TW-0000924-22150-3-N	D1-TW-0000924-22150-N	D1-TW-0000891-22150-N	D1-TW-0001046-22150-N	D1-TW-0001052-22150-N	D1-TW-0001055-22150-N	D1-TW-0001067-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-27	2022-10-03	2022-07-27	2022-06-23	2022-07-26	2022-06-24
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	ND	ND	ND	1.70	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.710	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	2.41	ND	ND	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	D1-THAT0600	D1-THAT0601	D1-THAT0602	D1-THAT0612	D1-WAGO1703	D1-WAGO1717	D1-WAGO1719	D1-WOUT1102	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	600 Thatcher Court	601 Thatcher Court	602 Thatcher Court	612 Thatcher Court	1703 Wagoner Court	1717 Wagoner Court	1719 Wagoner Court	1102 West Outerbridge Court	
		Field Sample ID:	D1-TW-0000822-22150-N	D1-TW-0000823-22150-N	D1-TW-0000824-22150-N	D1-TW-0000831-22150-N	D1-TW-0000969-22150-N	D1-TW-0000983-22150-N	D1-TW-0000985-22150-N	D1-TW-0000878-22150-N	
		Sample Date:	2022-08-25	2022-08-25	2022-07-27	2022-07-25	2022-08-02	2022-07-28	2022-07-28	2022-06-23	
		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	420	440	770	270	400	500	470	250
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	60.5	62.8	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	60.5	62.8	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	1.80	1.80	1.90	1.90	1.80	1.80
	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	1.40	1.40	1.40	1.00	1.20	0.930
	Copper	1300	MCL	35.3	48.7	46.5	50.7	37.1	58.2	45.4	18.8
	Lead	15	MCL	0.170	ND	0.190	0.340	ND	0.300	0.190	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	0.570	0.360	0.540	0.580	0.630	0.560
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 D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

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

		Location ID:	D1-THAT0600	D1-THAT0601	D1-THAT0602	D1-THAT0612	D1-WAGO1703	D1-WAGO1717	D1-WAGO1719	D1-WOUT1102	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	600 Thatcher Court	601 Thatcher Court	602 Thatcher Court	612 Thatcher Court	1703 Wagoner Court	1717 Wagoner Court	1719 Wagoner Court	1102 West Outerbridge Court	
		Field Sample ID:	D1-TW-0000822-22150-N	D1-TW-0000823-22150-N	D1-TW-0000824-22150-N	D1-TW-0000831-22150-N	D1-TW-0000969-22150-N	D1-TW-0000983-22150-N	D1-TW-0000985-22150-N	D1-TW-0000878-22150-N	
		Sample Date:	2022-08-25	2022-08-25	2022-07-27	2022-07-25	2022-08-02	2022-07-28	2022-07-28	2022-06-23	
		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	D1-THAT0600	D1-THAT0601	D1-THAT0602	D1-THAT0612	D1-WAGO1703	D1-WAGO1717	D1-WAGO1719	D1-WOUT1102
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Residences in Zone D1

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		Location ID:	D1-THAT0600	D1-THAT0601	D1-THAT0602	D1-THAT0612	D1-WAGO1703	D1-WAGO1717	D1-WAGO1719	D1-WOUT1102
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	600 Thatcher Court	601 Thatcher Court	602 Thatcher Court	612 Thatcher Court	1703 Wagoner Court	1717 Wagoner Court	1719 Wagoner Court	1102 West Outerbridge Court
		Field Sample ID:	D1-TW-0000822-22150-N	D1-TW-0000823-22150-N	D1-TW-0000824-22150-N	D1-TW-0000831-22150-N	D1-TW-0000969-22150-N	D1-TW-0000983-22150-N	D1-TW-0000985-22150-N	D1-TW-0000878-22150-N
		Sample Date:	2022-08-25	2022-08-25	2022-07-27	2022-07-25	2022-08-02	2022-07-28	2022-07-28	2022-06-23
		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	--	--	0.510	ND	0.980	0.670	ND	ND	0.600
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	ND	0.600	ND	ND	ND	0.670
	Total Trihalomethanes	80	MCL	0.780	ND	1.58	0.670	ND	ND	1.27

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-WOUT1105		D1-WOUT1107	D1-WOUT1111	D1-WTEA0804	D1-WTEA0806	
				Location Type:	Residence		Residence	Residence	Residence	Residence	
				Address:	1105 West Outerbridge Court		1107 West Outerbridge Court	1111 West Outerbridge Court	804 West Teaff Court	806 West Teaff Court	
				Field Sample ID:	D1-TW-0000879-22150-N	D1-TW-0000881-22150-N	D1-TW-0000881-22150-N-R1	D1-TW-0000883-22150-N	D1-TW-0000887-22150-N	D1-TW-0000846-22150-N	D1-TW-0000848-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-29	2022-07-28	2022-07-25	2022-07-27	2022-07-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	430	370	280	470	360	750	330	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	--	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	52.4	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	52.4	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	--	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	--	ND	ND	ND	ND	
	Barium	2000	MCL	1.80	1.90	--	1.90	1.80	2.00	2.00	
	Beryllium	4	MCL	ND	ND	--	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	--	ND	ND	ND	ND	
	Chromium	100	MCL	1.20	1.30	--	1.10	1.40	1.30	1.20	
	Copper	1300	MCL	33.5	55.9	--	35.4	22.1	36.7	85.1	
	Lead	15	MCL	0.170	ND	--	0.160	0.800	0.350	0.340	
	Mercury	2	MCL	ND	ND	--	ND	ND	ND	ND	
	Selenium	50	MCL	0.670	0.590	--	0.640	ND	0.620	0.650	
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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-WOUT1105		D1-WOUT1107	D1-WOUT1111	D1-WTEA0804	D1-WTEA0806	
				Location Type:	Residence		Residence	Residence	Residence	Residence	
				Address:	1105 West Outerbridge Court		1107 West Outerbridge Court	1111 West Outerbridge Court	804 West Teaff Court	806 West Teaff Court	
				Field Sample ID:	D1-TW-0000879-22150-N	D1-TW-0000881-22150-N	D1-TW-0000881-22150-N-R1	D1-TW-0000883-22150-N	D1-TW-0000887-22150-N	D1-TW-0000846-22150-N	D1-TW-0000848-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-29	2022-07-28	2022-07-25	2022-07-27	2022-07-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	--	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	--	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	--	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	--	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	--	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	--	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	--	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	--	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	--	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	--	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	--	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	--	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	--	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	--	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	--	ND	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	--	ND	ND	ND	ND		
Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	--	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	--	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-WOUT1105		D1-WOUT1107	D1-WOUT1111	D1-WTEA0804	D1-WTEA0806	
				Location Type:	Residence		Residence	Residence	Residence	Residence	
				Address:	1105 West Outerbridge Court		1107 West Outerbridge Court	1111 West Outerbridge Court	804 West Teaff Court	806 West Teaff Court	
				Field Sample ID:	D1-TW-0000879-22150-N	D1-TW-0000881-22150-N	D1-TW-0000881-22150-N-R1	D1-TW-0000883-22150-N	D1-TW-0000887-22150-N	D1-TW-0000846-22150-N	D1-TW-0000848-22150-N
				Sample Date:	2022-07-27	2022-07-27	2022-07-29	2022-07-28	2022-07-25	2022-07-27	2022-07-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	--	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	--	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	--	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	--	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.550	ND	--	ND	ND	ND	ND	
	Bromoform	--	--	4.10	ND	--	ND	ND	4.20	ND	
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND	
	Dibromochloromethane	--	--	2.40	ND	--	ND	ND	0.960	ND	
	Total Trihalomethanes	80	MCL	7.05	ND	--	ND	ND	5.16	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Schools in Zone D1

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:			D1-BLDGD1-22				
		Location Type:			School				
		Address:			Building D1-22,PEARL HARBOR KAI ELEMENTARY				
		Field Sample ID:			D1-TW-0015098-22150-N-1-R1	D1-TW-0015098-22150-N-2-R1	D1-TW-0015098-22150-N-3-R1	D1-TW-0015098-22150-N-4-R1	D1-TW-0015098-22150-N-5-R1
		Sample Date:			2022-09-01	2022-09-01	2022-09-01	2022-09-01	2022-09-01
		Sample Type:			N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	430-500	430-500	430-500	430-500	430-500	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	53.8	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	53.8	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.00	1.90	1.90	2.00	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.90	1.60	1.80	1.90	1.80	
	Copper	1300	MCL	33.9	96.0	17.2	30.2	12.1	
	Lead	15	MCL	0.130	0.350	0.170	ND	0.160	
	Mercury	2	MCL	0.110	0.0980	0.0740	ND	0.0500	
	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	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	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Schools in Zone D1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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All Results shown in Parts per Billion (ppb)
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-- = 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:	D1-BLDGD1-22					
		Location Type:	School					
		Address:	Building D1-22,PEARL HARBOR KAI ELEMENTARY					
		Field Sample ID:	D1-TW-0015098-22150-N-1-R1	D1-TW-0015098-22150-N-2-R1	D1-TW-0015098-22150-N-3-R1	D1-TW-0015098-22150-N-4-R1	D1-TW-0015098-22150-N-5-R1	
		Sample Date:	2022-09-01	2022-09-01	2022-09-01	2022-09-01	2022-09-01	
		Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Schools in Zone D1

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: D1-BLDGD1-22						
		Location Type: School						
		Address: Building D1-22,PEARL HARBOR KAI ELEMENTARY						
		Field Sample ID:	D1-TW-0015098-22150-N-1-R1	D1-TW-0015098-22150-N-2-R1	D1-TW-0015098-22150-N-3-R1	D1-TW-0015098-22150-N-4-R1	D1-TW-0015098-22150-N-5-R1	
		Sample Date:	2022-09-01	2022-09-01	2022-09-01	2022-09-01	2022-09-01	
		Sample Type:	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Haloacetic Acids (ppb)	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	0.280	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.280	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Child Development Centers in Zone D1

Notes:
ND = Not Detected
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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
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D1-BLDG0204		Location ID: D1-BLDG0930	
				Location Type: Child Development Center	Location Type: Child Development Center	Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)	Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)
				Field Sample ID: D1-TW-0015067-22150-N-1	Field Sample ID: D1-TW-0015067-22150-N-2	Field Sample ID: D1-TW-0015074-22150-N-1	Field Sample ID: D1-TW-0015074-22150-N-2
				Sample Date: 2022-08-26	Sample Date: 2022-08-26	Sample Date: 2022-08-26	Sample Date: 2022-08-26
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	200-230	200-230	390-440	390-440
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	91.5	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	91.5	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	1.80	1.90
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.80	1.70
	Copper	1300	MCL	9.30	14.3	79.0	92.5
	Lead	15	MCL	ND	ND	0.820	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Child Development Centers in Zone D1

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: D1-BLDG0204		Location ID: D1-BLDG0930	
				Location Type: Child Development Center	Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)	Location Type: Child Development Center	Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)
				Field Sample ID: D1-TW-0015067-22150-N-1	Field Sample ID: D1-TW-0015067-22150-N-2	Field Sample ID: D1-TW-0015074-22150-N-1	Field Sample ID: D1-TW-0015074-22150-N-2
				Sample Date: 2022-08-26	Sample Date: 2022-08-26	Sample Date: 2022-08-26	Sample Date: 2022-08-26
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Child Development Centers in Zone D1

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: D1-BLDG0204		Location ID: D1-BLDG0930	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location Type: Child Development Center		Location Type: Child Development Center	
				Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)		Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)	
				D1-TW-0015067-22150-N-1	D1-TW-0015067-22150-N-2	D1-TW-0015074-22150-N-1	D1-TW-0015074-22150-N-2
				2022-08-26	2022-08-26	2022-08-26	2022-08-26
				N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	0.550	0.610	ND	ND
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.550	0.610	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone D1

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
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N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	D1-BLDG0925	D1-BLDG1333	D1-BLDG1489	D1-BLDG1490	D1-BLDG1507	D1-BLDG1623	D1-BLDG1634	D1-BLDG1932	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	
		Address:	Building 925,BQ NEVADA HALL	Building 1333,ENLISTED MEN'S BARRACKS	Building 1489,BEQ, 1278 Battleship Dr	Building 1490,WAVES BARRACKS	Building 1507,NGIS - NAVY TDY	Building 1623,BEQ ARIZONA HALL	Building 1634,NGIS - NAVY TDY (UTAH HALL)	Building 1932,RECREATION CTR BX 1333, 1369	
		Field Sample ID:	D1-TW-0015072-22150-N	D1-TW-0015084-22150-N	D1-TW-0015091-22150-N	D1-TW-0015092-22150-N	D1-TW-0015097-22150-N	D1-TW-0015112-22150-N	D1-TW-0015114-22150-N	D1-TW-0015059-22150-N	
		Sample Date:	2022-10-03	2022-11-04	2022-10-03	2022-10-03	2022-07-27	2022-10-03	2022-10-04	2022-10-03	
		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	D1-BLDG0925	D1-BLDG1333	D1-BLDG1489	D1-BLDG1490	D1-BLDG1507	D1-BLDG1623	D1-BLDG1634	D1-BLDG1932
Field Test (ppb)	Free Chlorine	4000	MCL	400	70.0	80.0	250	510	300	430	600
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	58.3	ND	57.0	66.0	ND	ND	63.7	59.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	58.3	ND	57.0	66.0	ND	ND	63.7	59.7
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	1.90	2.40	1.90	2.00	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	0.0680	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.00	1.90	2.00	1.80	1.20	1.80	1.90	1.80
	Copper	1300	MCL	19.2	108	85.8	107	25.1	69.3	43.6	41.3
	Lead	15	MCL	0.270	0.690	0.230	ND	0.340	0.210	0.210	0.190
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	0.510	ND	ND	ND
Thallium	2	MCL	ND	0.0530	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	1.80	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone D1

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:	D1-BLDG0925	D1-BLDG1333	D1-BLDG1489	D1-BLDG1490	D1-BLDG1507	D1-BLDG1623	D1-BLDG1634	D1-BLDG1932
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone D1

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:	D1-BLDG0925	D1-BLDG1333	D1-BLDG1489	D1-BLDG1490	D1-BLDG1507	D1-BLDG1623	D1-BLDG1634	D1-BLDG1932
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
		Address:	Building 925,BQ NEVADA HALL	Building 1333,ENLISTED MEN'S BARRACKS	Building 1489,BEQ, 1278 Battleship Dr	Building 1490,WAVES BARRACKS	Building 1507,NGIS - NAVY TDY	Building 1623,BEQ ARIZONA HALL	Building 1634,NGIS - NAVY TDY (UTAH HALL)	Building 1932,RECREATION CTR BX 1333, 1369
		Field Sample ID:	D1-TW-0015072- 22150-N	D1-TW-0015084- 22150-N	D1-TW-0015091- 22150-N	D1-TW-0015092- 22150-N	D1-TW-0015097- 22150-N	D1-TW-0015112- 22150-N	D1-TW-0015114- 22150-N	D1-TW-0015059- 22150-N
		Sample Date:	2022-10-03	2022-11-04	2022-10-03	2022-10-03	2022-07-27	2022-10-03	2022-10-04	2022-10-03
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.380	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	6.70	2.30	0.670	0.270	0.670	0.690	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.90	0.540	0.410	ND	ND	0.260	ND
	Total Trihalomethanes	80	MCL	8.98	2.84	1.08	0.270	0.670	0.950	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone D1

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)
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-- = 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: D1-HYD2237		D1-HYD714		D1-HYD731		D1-HYD748		D1-HYD771		D1-HYD835	
		Location Type: Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant	
		Address: FH ID: 436		FH ID: 714		FH ID: 731		FH ID: 748		FH ID: 771		FH ID: 768	
		Field Sample ID: D1-DL-0017564-22150-3-N		D1-DL-0017564-22150-N		D1-DL-0017563-22150-3-N		D1-DL-0017563-22150-N		D1-DL-0017561-22150-N		D1-DL-0017565-22150-N	
		Sample Date: 2022-08-26		2022-08-26		2022-08-26		2022-08-26		2022-08-26		2022-08-26	
		Sample Type: 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	150	150	410	410	440	530	380	390		
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	88.5	74.3	ND	63.2	61.0	56.9	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	88.5	74.3	ND	63.2	61.0	56.9	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	13.6	14.1	2.00	2.00	2.10	2.10	2.40	1.90		
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.700	0.970	1.80	1.70	1.80	1.80	1.60	1.60		
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.0300	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone D1

Notes:
ND = Not Detected
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N (Grab, Resample) = Additional follow-up sample

		Location ID: D1-HYD2237		D1-HYD714		D1-HYD731		D1-HYD748		D1-HYD771		D1-HYD835	
		Location Type: Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant	
		Address: FH ID: 436		FH ID: 714		FH ID: 731		FH ID: 748		FH ID: 771		FH ID: 768	
		Field Sample ID: D1-DL-0017564-22150-3-N		D1-DL-0017564-22150-N		D1-DL-0017563-22150-3-N		D1-DL-0017563-22150-N		D1-DL-0017561-22150-N		D1-DL-0017565-22150-N	
		Sample Date: 2022-08-26		2022-08-26		2022-08-26		2022-08-26		2022-08-26		2022-08-26	
		Sample Type: 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)	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	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	ND
Dibromoacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloroacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone D1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-HYD2237		D1-HYD714		D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Hydrant	Hydrant
				D1-DL-0017564-22150 -3-N	D1-DL-0017564-22150 -N	D1-DL-0017563-22150 -3-N	D1-DL-0017563-22150 -N	D1-DL-0017561-22150 -N	D1-DL-0017565-22150 -N	D1-DL-0017562-22150 -N	D1-DL-0000548-22150 -N
				2022-08-26	2022-08-26	2022-08-26	2022-08-26	2022-08-26	2022-08-26	2022-08-26	2022-08-26
				FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.280	0.260	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	3.50	3.40	ND	0.280	ND	ND	0.510	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.800	0.760	ND	ND	ND	ND	0.400	ND
	Total Trihalomethanes	80	MCL	4.58	4.42	ND	0.280	ND	ND	0.910	ND