

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

Drinking Water Samples Collected in May 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
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
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		Location ID:	D1-AORL3324	D1-CHRI0306	D1-CHRI0312	D1-CHRI0314	D1-CHRI0318		D1-DHOO3301	D1-DLEA3331	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	3324 Orlando Place	306 Christopher Court	312 Christopher Court	314 Christopher Court	318 Christopher Court		3301D Hooper Place	3331 Leal Place	
		Field Sample ID:	D1-TW-0001156-22120-N	D1-TW-0000772-22120-N	D1-TW-0000778-22120-N	D1-TW-0000780-22120-N	D1-TW-0000784-22120-3-N	D1-TW-0000784-22120-N	D1-TW-0001167-22120-N	D1-TW-0000731-22120-N	
		Sample Date:	2022-05-18	2022-05-12	2022-05-11	2022-05-12	2022-05-16	2022-05-16	2022-05-16	2022-05-16	
		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	160	230	400	40.0	330	330	40.0	20.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	91.6	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	91.6	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	2.00	2.30	1.90	1.80	1.90	3.60	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	0.130	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.20	0.930	0.990	0.870	0.770	0.930	0.920	0.900
	Copper	1300	MCL	37.6	49.7	70.4	46.5	74.8	78.5	18.1	25.2
	Lead	15	MCL	ND	ND	0.310	ND	ND	0.130	ND	ND
	Mercury	2	MCL	ND	0.150	ND	0.140	ND	ND	0.0260	ND
	Selenium	50	MCL	ND	ND	ND	1.90	0.680	ND	0.910	0.300
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.380	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	0.980	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:	D1-AORL3324	D1-CHRI0306	D1-CHRI0312	D1-CHRI0314	D1-CHRI0318		D1-DHOO3301	D1-DLEA3331
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:	3324 Orlando Place	306 Christopher Court	312 Christopher Court	314 Christopher Court	318 Christopher Court		3301D Hooper Place	3331 Leal Place
		Field Sample ID:	D1-TW-0001156-22120-N	D1-TW-0000772-22120-N	D1-TW-0000778-22120-N	D1-TW-0000780-22120-N	D1-TW-0000784-22120-3-N	D1-TW-0000784-22120-N	D1-TW-0001167-22120-N	D1-TW-0000731-22120-N
		Sample Date:	2022-05-18	2022-05-12	2022-05-11	2022-05-12	2022-05-16	2022-05-16	2022-05-16	2022-05-16
		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	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	1.20	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Sample Date:	2022-05-18	2022-05-12	2022-05-11	2022-05-12	2022-05-16	2022-05-16	2022-05-16	2022-05-16
		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	1.20	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.850	ND
	Bromoform	--	--	ND	ND	ND	0.540	0.920	ND	3.40
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	2.50
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.540	0.920	ND	6.70

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		Location ID:	D1-DPOW3336	D1-DUNL0207	D1-DUNL0215	D1-EOUT1002	D1-EOUT1008	D1-ETEA0701	D1-FISL1802	D1-GRAH0513	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3336 Powell Loop	207 Dunlap Court	215 Dunlap Court	1002 East Outerbridge Court	1008 East Outerbridge Court	701 East Teaff Court	1802 Fisler Court	513 Graham Court	
		Field Sample ID:	D1-TW-0001109-22120-N	D1-TW-0001071-22120-N	D1-TW-0001075-22120-N	D1-TW-0000862-22120-N	D1-TW-0000868-22120-N	D1-TW-0000835-22120-N	D1-TW-0000988-22120-N	D1-TW-0001033-22120-N	
		Sample Date:	2022-05-19	2022-05-12	2022-05-13	2022-05-11	2022-05-12	2022-05-19	2022-05-11	2022-05-17	
		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-DPOW3336	D1-DUNL0207	D1-DUNL0215	D1-EOUT1002	D1-EOUT1008	D1-ETEA0701	D1-FISL1802	D1-GRAH0513
Field Test (ppb)	Free Chlorine	4000	MCL	590	550	240	330	490	500	870	80.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	870	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.130	ND	ND	0.110	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	1.80	1.90	1.90	1.80	1.90	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	0.0550	ND
	Chromium	100	MCL	1.10	0.910	0.990	0.820	1.20	1.20	0.730	1.20
	Copper	1300	MCL	27.1	27.6	54.5	53.4	28.1	13.3	66.3	105
	Lead	15	MCL	ND	ND	ND	0.500	0.140	0.150	0.190	ND
	Mercury	2	MCL	ND	ND	0.0280	ND	0.120	ND	ND	ND
	Selenium	50	MCL	0.340	ND	2.10	0.320	0.560	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0950	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-DPOW3336	D1-DUNL0207	D1-DUNL0215	D1-EOUT1002	D1-EOUT1008	D1-ETEA0701	D1-FISL1802	D1-GRAH0513	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3336 Powell Loop	207 Dunlap Court	215 Dunlap Court	1002 East Outerbridge Court	1008 East Outerbridge Court	701 East Teaff Court	1802 Fisler Court	513 Graham Court	
		Field Sample ID:	D1-TW-0001109-22120-N	D1-TW-0001071-22120-N	D1-TW-0001075-22120-N	D1-TW-0000862-22120-N	D1-TW-0000868-22120-N	D1-TW-0000835-22120-N	D1-TW-0000988-22120-N	D1-TW-0001033-22120-N	
		Sample Date:	2022-05-19	2022-05-12	2022-05-13	2022-05-11	2022-05-12	2022-05-19	2022-05-11	2022-05-17	
		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-DPOW3336	D1-DUNL0207	D1-DUNL0215	D1-EOUT1002	D1-EOUT1008	D1-ETEA0701	D1-FISL1802	D1-GRAH0513
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	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

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		Sample Date:	2022-05-19	2022-05-12	2022-05-13	2022-05-11	2022-05-12	2022-05-19	2022-05-11	2022-05-17
		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	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D1-GRAH0514	D1-HUTT0903	D1-HUTT0930	D1-KAUF1509	D1-LARS1901	D1-LARS1905	D1-MCMU1307	D1-MCMU1319	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	514 Graham Court	903 Huttenberg Court	930 Huttenberg Court	1509 Kaufman Court	1901 Larson Court	1905 Larson Court	1307 McMurtry Court	1319 McMurtry Court	
		Field Sample ID:	D1-TW-0001034-22120-N	D1-TW-0000795-22120-N	D1-TW-0000821-22120-N	D1-TW-0000943-22120-N	D1-TW-137024-22120-N	D1-TW-0001003-22120-N	D1-TW-0000915-22120-N	D1-TW-0000927-22120-N	
		Sample Date:	2022-05-13	2022-05-12	2022-05-12	2022-05-12	2022-05-10	2022-05-10	2022-05-10	2022-05-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	390	470	370	130	510	120	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	67.0	ND	52.6	51.2	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	67.0	ND	52.6	51.2	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	1.90	1.80	1.90	1.90	1.90	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	0.930	1.10	1.10	0.930	1.00	1.00	1.00	0.930
	Copper	1300	MCL	113	62.9	38.5	28.5	88.5	44.0	54.2	40.7
	Lead	15	MCL	ND	0.210	ND	0.400	0.310	ND	0.410	0.300
	Mercury	2	MCL	0.0310	0.0710	0.100	0.0690	ND	ND	ND	ND
	Selenium	50	MCL	1.60	0.420	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0530	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	4.10	ND	ND	ND	0.590	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 May 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
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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		Location ID:	D1-GRAH0514	D1-HUTT0903	D1-HUTT0930	D1-KAUF1509	D1-LARS1901	D1-LARS1905	D1-MCMU1307	D1-MCMU1319	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	514 Graham Court	903 Huttenberg Court	930 Huttenberg Court	1509 Kaufman Court	1901 Larson Court	1905 Larson Court	1307 McMurtry Court	1319 McMurtry Court	
		Field Sample ID:	D1-TW-0001034-22120-N	D1-TW-0000795-22120-N	D1-TW-0000821-22120-N	D1-TW-0000943-22120-N	D1-TW-137024-22120-N	D1-TW-0001003-22120-N	D1-TW-0000915-22120-N	D1-TW-0000927-22120-N	
		Sample Date:	2022-05-13	2022-05-12	2022-05-12	2022-05-12	2022-05-10	2022-05-10	2022-05-10	2022-05-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-GRAH0514	D1-HUTT0903	D1-HUTT0930	D1-KAUF1509	D1-LARS1901	D1-LARS1905	D1-MCMU1307	D1-MCMU1319
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	2.20	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	2.20	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 May 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
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-GRAH0514	D1-HUTT0903	D1-HUTT0930	D1-KAUF1509	D1-LARS1901	D1-LARS1905	D1-MCMU1307	D1-MCMU1319
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	514 Graham Court	903 Huttenberg Court	930 Huttenberg Court	1509 Kaufman Court	1901 Larson Court	1905 Larson Court	1307 McMurtry Court	1319 McMurtry Court
		Field Sample ID:	D1-TW-0001034-22120-N	D1-TW-0000795-22120-N	D1-TW-0000821-22120-N	D1-TW-0000943-22120-N	D1-TW-137024-22120-N	D1-TW-0001003-22120-N	D1-TW-0000915-22120-N	D1-TW-0000927-22120-N
		Sample Date:	2022-05-13	2022-05-12	2022-05-12	2022-05-12	2022-05-10	2022-05-10	2022-05-10	2022-05-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	1.00	ND	7.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	1.00	ND	7.10

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

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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-SING0103	D1-SING0112	D1-WOUT1110
				Location Type:	Residence	Residence	Residence
				Address:	103 Singleton Court	112 Singleton Court	1110 West Outerbridge Court
				Field Sample ID:	D1-TW-0001041-22120-N	D1-TW-0001050-22120-N	D1-TW-0000886-22120-N
				Sample Date:	2022-05-11	2022-05-16	2022-05-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	340	300	890	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	64.5	76.9	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	64.5	76.9	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	
	Barium	2000	MCL	2.00	1.80	1.90	
	Beryllium	4	MCL	ND	ND	ND	
	Cadmium	5	MCL	0.130	ND	ND	
	Chromium	100	MCL	0.840	0.850	1.00	
	Copper	1300	MCL	34.4	22.2	55.1	
	Lead	15	MCL	0.240	0.250	0.590	
	Mercury	2	MCL	ND	ND	0.120	
	Selenium	50	MCL	ND	0.880	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	0.220	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	

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

Drinking Water Samples Collected in May 2022 from Residences in Zone D1

Notes:
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EAL = DOH Environmental Action Level
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All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening 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:	Location ID:	Location ID:
				D1-SING0103	D1-SING0112	D1-WOUT1110
				Residence	Residence	Residence
				103 Singleton Court	112 Singleton Court	1110 West Outerbridge Court
				D1-TW-0001041-22120-N	D1-TW-0001050-22120-N	D1-TW-0000886-22120-N
				2022-05-11	2022-05-16	2022-05-12
				N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND

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

Drinking Water Samples Collected in May 2022 from Residences in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-SING0103	D1-SING0112	D1-WOUT1110
				Location Type:	Residence	Residence	Residence
				Address:	103 Singleton Court	112 Singleton Court	1110 West Outerbridge Court
				Field Sample ID:	D1-TW-0001041-22120-N	D1-TW-0001050-22120-N	D1-TW-0000886-22120-N
				Sample Date:	2022-05-11	2022-05-16	2022-05-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.800	0.800
	Bromoform	--	--	ND	ND	1.50	1.50
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.70	1.70
	Total Trihalomethanes	80	MCL	ND	ND	4.00	4.00

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

Drinking Water Samples Collected in May 2022 from Schools 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)
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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-BLDGD1-22					
		Location Type:		School					
		Address:		Building D1-22,PEARL HARBOR KAI ELEMENTARY					
		Field Sample ID:		D1-TW-0015098-22120-3-N-3	D1-TW-0015098-22120-N-1	D1-TW-0015098-22120-N-2	D1-TW-0015098-22120-N-3	D1-TW-0015098-22120-N-4	D1-TW-0015098-22120-N-5
		Sample Date:		2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10
		Sample Type:		FD (Field Duplicate)	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	60.0-440	60.0-440	60.0-440	60.0-440	60.0-440	60.0-440
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	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	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	1.90	1.90	1.90	1.90	1.80	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.960	1.00	1.10	1.00	0.910	0.970
	Copper	1300	MCL	47.4	209	192	47.0	115	34.3
	Lead	15	MCL	0.160	0.530	1.10	0.160	ND	0.230
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	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
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND

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

Drinking Water Samples Collected in May 2022 from Schools in Zone D1

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		Location ID:	D1-BLDGD1-22					
		Location Type:	School					
		Address:	Building D1-22,PEARL HARBOR KAI ELEMENTARY					
		Field Sample ID:	D1-TW-0015098-22120-3-N-3	D1-TW-0015098-22120-N-1	D1-TW-0015098-22120-N-2	D1-TW-0015098-22120-N-3	D1-TW-0015098-22120-N-4	D1-TW-0015098-22120-N-5
		Sample Date:	2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10
		Sample Type:	FD (Field Duplicate)	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
	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	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 May 2022 from Schools in Zone D1

Notes:
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ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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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-0015098-22120-3-N-3	D1-TW-0015098-22120-N-1	D1-TW-0015098-22120-N-2	D1-TW-0015098-22120-N-3	D1-TW-0015098-22120-N-4	D1-TW-0015098-22120-N-5	
		Sample Date:	2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10	
		Sample Type:	FD (Field Duplicate)	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	1.00	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	1.00	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	3.00	2.00	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.870	0.810	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	3.90	2.80	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 May 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)	Field Sample ID: D1-TW-0015067-22120-3-N-1	Field Sample ID: D1-TW-0015067-22120-N-1	Field Sample ID: D1-TW-0015067-22120-N-2
				Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10
				Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	470-510	470-510	470-510	60.0-400	60.0-400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	58.7	51.6	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	58.7	51.6	ND	ND
Metals (ppb)	Antimony	6	MCL	0.120	0.130	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.90	1.70	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.950	0.970	1.00	1.20	1.10
	Copper	1300	MCL	16.3	15.4	22.6	57.4	80.3
	Lead	15	MCL	0.150	0.160	ND	0.610	0.220
	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
Naphthalene	17	EAL	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 May 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)	Field Sample ID: D1-TW-0015067-22120-3-N-1	Field Sample ID: D1-TW-0015067-22120-N-1	Field Sample ID: D1-TW-0015067-22120-N-2
				Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10	Sample Date: 2022-05-10
				Sample Type: FD (Field Duplicate)	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	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND
	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	70	MCL	ND	ND	2.20	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	2.20	ND	ND
	Trichloroethene (TCE)	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 May 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	Sample Type	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-0015067-22120-3-N-1	D1-TW-0015067-22120-N-1	D1-TW-0015067-22120-N-2	D1-TW-0015074-22120-N-1	D1-TW-0015074-22120-N-2
				2022-05-10	2022-05-10	2022-05-10	2022-05-10	2022-05-10
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
	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	ND	ND	0.540	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.690	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	1.20	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 May 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-BLDG0499	D1-BLDG1370	D1-BLDG1493	D1-BLDG1744
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 499,NAVFAC PACIFIC AM OFFICE, 180 Main St	Building 1370,ENLISTED MENS BARRACKS	Building 1493,ENLISTED MENS BARRACKS	Building 1744,SERVICES BRANCH BLDG-SIMA
				Field Sample ID:	D1-TW-0015069- 22120-N	D1-TW-0015088- 22120-N	D1-TW-0015095- 22120-N	D1-TW-0015055- 22120-N
				Sample Date:	2022-05-11	2022-05-11	2022-05-16	2022-05-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	290	30.0	30.0	
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	3.00	2.50	1.90	2.30	
	Beryllium	4	MCL	ND	0.170	ND	ND	
	Cadmium	5	MCL	ND	0.150	ND	ND	
	Chromium	100	MCL	ND	0.910	0.920	1.10	
	Copper	1300	MCL	4.60	49.0	260	109	
	Lead	15	MCL	0.310	0.760	0.430	0.360	
	Mercury	2	MCL	ND	ND	ND	0.0780	
	Selenium	50	MCL	ND	ND	1.00	0.300	
Thallium	2	MCL	ND	0.440	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	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	
	1,1,2-Trichloroethane	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 May 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-BLDG0499	D1-BLDG1370	D1-BLDG1493	D1-BLDG1744
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 499,NAVFAC PACIFIC AM OFFICE, 180 Main St	Building 1370,ENLISTED MENS BARRACKS	Building 1493,ENLISTED MENS BARRACKS	Building 1744,SERVICES BRANCH BLDG-SIMA
				Field Sample ID:	D1-TW-0015069-22120-N	D1-TW-0015088-22120-N	D1-TW-0015095-22120-N	D1-TW-0015055-22120-N
				Sample Date:	2022-05-11	2022-05-11	2022-05-16	2022-05-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	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 May 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-BLDG0499	D1-BLDG1370	D1-BLDG1493	D1-BLDG1744
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 499,NAVFAC PACIFIC AM OFFICE, 180 Main St	Building 1370,ENLISTED MENS BARRACKS	Building 1493,ENLISTED MENS BARRACKS	Building 1744,SERVICES BRANCH BLDG-SIMA
				Field Sample ID:	D1-TW-0015069-22120-N	D1-TW-0015088-22120-N	D1-TW-0015095-22120-N	D1-TW-0015055-22120-N
				Sample Date:	2022-05-11	2022-05-11	2022-05-16	2022-05-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	0.570	0.860	0.900	
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.700
	Total Trihalomethanes	80	MCL	ND	0.570	0.860	1.60	

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

Drinking Water Samples Collected in May 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)
§ - 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-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-0017564-22120 -N	D1-DL-0017563-22120 -N	D1-DL-0017561-22120 -N	D1-DL-0017565-22120 -N	D1-DL-0017562-22120 -N	D1-DL-0000548-22120 -N	
		Sample Date:	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11	
		Sample Type:	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-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835
Field Test (ppb)	Free Chlorine	4000	MCL	50.0	470	510	50.0	250	350
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.8	ND	52.2	75.8	ND	50.3
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	63.8	ND	52.2	75.8	ND	50.3
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	14.2	1.90	2.50	2.70	4.80	2.10
	Beryllium	4	MCL	0.160	ND	0.260	0.160	0.260	0.250
	Cadmium	5	MCL	0.130	ND	0.250	0.140	0.240	0.250
	Chromium	100	MCL	ND	0.680	0.960	0.820	1.00	0.850
	Copper	1300	MCL	0.560	2.40	2.60	4.40	7.30	12.5
	Lead	15	MCL	1.00	0.250	0.470	1.20	1.00	0.300
	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	0.360	ND	0.430	0.390	0.740	0.400
	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
	1,1-Dichloroethene	7	MCL	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 May 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)
§ - 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-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-0017564-22120 -N	D1-DL-0017563-22120 -N	D1-DL-0017561-22120 -N	D1-DL-0017565-22120 -N	D1-DL-0017562-22120 -N	D1-DL-0000548-22120 -N	
		Sample Date:	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11	
		Sample Type:	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-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835
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	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	1.40	ND
	Dichloroacetic 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**

Drinking Water Samples Collected in May 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)
§ - 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-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-0017564-22120 -N	D1-DL-0017563-22120 -N	D1-DL-0017561-22120 -N	D1-DL-0017565-22120 -N	D1-DL-0017562-22120 -N	D1-DL-0000548-22120 -N
		Sample Date:	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11	2022-05-11
		Sample Type:	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
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	1.40
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	1.10
	Bromoform	--	--	4.40	ND	ND	ND	4.40
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.960	ND	ND	ND	3.00
	Total Trihalomethanes	80	MCL	5.30	ND	ND	ND	8.50