

**Summary of Chemistry Results
Zone I1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone I1

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:	I1-BASS1152	I1-BUTT1510	I1-CONI1736	I1-EAGL1303	I1-HUDS1261		I1-LAUR1906	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	1152 Basswood Place	1510 Buttonwood Place	1736 Conifer Place	1303 Eagle Circle	1261 Hudson Way		1906 Laurel Place	
				Field Sample ID:	I1-TW-0014044-22045-A	I1-TW-0014060-22045-A	I1-TW-0014067-22045-A	I1-TW-0011959-22045-A	I1-TW-0011957-22045-3-A	I1-TW-0011957-22045-A	I1-TW-0011961-22045-3-A	I1-TW-0011961-22045-A
				Sample Date:	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	650	640	650	640	580	580	570	570	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	630	610	580	250	370	630	630	350	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	3.30	3.50	3.50	3.50	3.40	3.50	3.70	3.60	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.20	1.20	1.20	1.10	1.10	1.10	1.40	1.20	
	Copper	1300	MCL	7.00	3.30	4.60	2.80	2.00	ND	8.10	2.50	
	Lead	15	MCL	0.340	ND	0.720	0.210	0.290	0.310	0.190	0.190	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0610	
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	I1-BASS1152	I1-BUTT1510	I1-CONI1736	I1-EAGL1303	I1-HUDS1261		I1-LAUR1906	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	1152 Basswood Place	1510 Buttonwood Place	1736 Conifer Place	1303 Eagle Circle	1261 Hudson Way		1906 Laurel Place	
				Field Sample ID:	I1-TW-0014044-22045-A	I1-TW-0014060-22045-A	I1-TW-0014067-22045-A	I1-TW-0011959-22045-A	I1-TW-0011957-22045-3-A	I1-TW-0011957-22045-A	I1-TW-0011961-22045-3-A	I1-TW-0011961-22045-A
				Sample Date:	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	1152 Basswood Place	1510 Buttonwood Place	1736 Conifer Place	1303 Eagle Circle	1261 Hudson Way		1906 Laurel Place	
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				Sample Date:	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	1.10	1.00
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	1.10	1.00
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.610	0.660	0.650	0.760	0.580	0.590	0.740	0.690	
	Bromoform	--	--	3.00	2.90	3.00	4.90	2.70	2.60	3.60	3.40	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.80	2.00	2.00	2.60	1.90	1.70	2.40	2.20	
	Total Trihalomethanes	80	MCL	5.40	5.60	5.70	8.20	5.10	5.00	6.80	6.30	

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Location ID:	I1-TAMP1698
Location Type:	Residence
Address:	1698 Tampa Drive
Field Sample ID:	I1-TW-0014041-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	390
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	3.40
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	1.20
	Copper	1300	MCL	4.20
	Lead	15	MCL	0.230
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
	Thallium	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

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Location ID:	I1-TAMP1698
Location Type:	Residence
Address:	1698 Tampa Drive
Field Sample ID:	I1-TW-0014041-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND
	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND

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Location ID:	I1-TAMP1698
Location Type:	Residence
Address:	1698 Tampa Drive
Field Sample ID:	I1-TW-0014041-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.650
	Bromoform	--	--	3.00
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	2.00
	Total Trihalomethanes	80	MCL	5.60

**Summary of Chemistry Results
Zone I1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Schools in Zone I1

Notes:
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		Location ID:			I1-ALAK1265				
		Location Type:			School				
		Address:			1265 Ala Kula Place; Red Hill Elementary School				
		Field Sample ID:			I1-TW-0011966-22045 -A-1	I1-TW-0011966-22045 -A-2	I1-TW-0011966-22045 -A-3	I1-TW-0011966-22045 -A-4	I1-TW-0011966-22045 -A-5
		Sample Date:			2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11
		Sample Type:			N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	400-570	400-570	400-570	400-570	400-570	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	670	290	690	680	630	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	54.6	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	ND	54.6	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	
	Barium	2000	MCL	4.00	3.70	3.60	3.60	3.60	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.60	1.70	1.60	1.70	1.70	
	Copper	1300	MCL	10.2	13.2	11.6	8.30	11.5	
	Lead	15	MCL	0.210	0.140	0.360	0.260	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	
Thallium	2	MCL	0.0540	ND	ND	0.0610	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	

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		Location ID:	I1-ALAK1265					
		Location Type:	School					
		Address:	1265 Ala Kula Place; Red Hill Elementary School					
		Field Sample ID:	I1-TW-0011966-22045 -A-1	I1-TW-0011966-22045 -A-2	I1-TW-0011966-22045 -A-3	I1-TW-0011966-22045 -A-4	I1-TW-0011966-22045 -A-5	
		Sample Date:	2022-03-11	2022-03-11	2022-03-11	2022-03-11	2022-03-11	
		Sample Type:	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

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				Location ID: I1-ALAK1265				
				Location Type: School				
				Address: 1265 Ala Kula Place; Red Hill Elementary School				
				Field Sample ID: I1-TW-0011966-22045 -A-1 I1-TW-0011966-22045 -A-2 I1-TW-0011966-22045 -A-3 I1-TW-0011966-22045 -A-4 I1-TW-0011966-22045 -A-5				
				Sample Date: 2022-03-11 2022-03-11 2022-03-11 2022-03-11 2022-03-11				
				Sample Type: N (Normal) N (Normal) N (Normal) N (Normal) N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Haloacetic Acids (ppb)	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	--	--	0.860	0.730	0.830	0.800	0.940
	Bromoform	--	--	3.80	3.40	3.50	3.50	4.40
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	2.60	2.50	2.50	2.50	3.00
	Total Trihalomethanes	80	MCL	7.20	6.70	6.80	6.90	8.40

**Summary of Chemistry Results
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Drinking Water Samples Collected in March 2022 from Other Buildings in Zone I1

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

Location ID:	I1-TAMP1545
Location Type:	Non-Residence
Address:	1545 Tampa Drive, Community Center and Garage
Field Sample ID:	I1-TW-0016020-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	330
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	600
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	3.80
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	1.30
	Copper	1300	MCL	74.5
	Lead	15	MCL	ND
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
Thallium	2	MCL	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND

**Summary of Chemistry Results
Zone I1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Other Buildings in Zone I1

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Address:	1545 Tampa Drive, Community Center and Garage
Field Sample ID:	I1-TW-0016020-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
Vinyl chloride	2	MCL	ND	
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND

**Summary of Chemistry Results
Zone I1 Long Term Monitoring
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Location Type:	Non-Residence
Address:	1545 Tampa Drive, Community Center and Garage
Field Sample ID:	I1-TW-0016020-22045 -A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND
	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.690
	Bromoform	--	--	3.20
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	1.90
	Total Trihalomethanes	80	MCL	5.80

**Summary of Chemistry Results
Zone I1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Fire Hydrants in Zone I1

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Location ID:	I1-HYD1324A
Location Type:	Hydrant
Address:	HYD-1324A
Field Sample ID:	I1-DL-0000642-22045-A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	420
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	730
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	3.80
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	1.30
	Copper	1300	MCL	2.00
	Lead	15	MCL	0.360
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

**Summary of Chemistry Results
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Location ID:	I1-HYD1324A
Location Type:	Hydrant
Address:	HYD-1324A
Field Sample ID:	I1-DL-0000642-22045-A
Sample Date:	2022-03-11
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND
	Dibromoacetic acid	--	--	1.70
	Dichloroacetic acid	--	--	ND

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Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	1.70
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.10
	Bromoform	--	--	7.00
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	3.90
	Total Trihalomethanes	80	MCL	12.0