

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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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		Location ID:	H1-ALIA0938	H1-ALIA0960	H1-AMAP3750	H1-BAMB3617	H1-BEGO4108		H1-BEGO4134	H1-BEGO4182	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	938 Aliamanu Drive	960 Aliamanu Drive	3750 Amapa Lane	3617 Bamboo Lane	4108 Begonia Loop		4134 Begonia Loop	4182 Begonia Loop	
		Field Sample ID:	H1-TW-0013172-22062-A	H1-TW-0013176-22062-A	H1-TW-0013226-22062-A	H1-TW-0013243-22062-A	H1-TW-0013266-22062-3-A	H1-TW-0013266-22062-A	H1-TW-0013275-22062-A	H1-TW-0013288-22062-A	
		Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	
		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	680	220	560	500	40.0	40.0	500	500
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	640	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.580	ND	ND
	Barium	2000	MCL	10.9	11.0	11.0	10.4	8.20	8.60	8.80	9.00
	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	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	1.30	5.20	1.90	2.20	2.60	2.60	3.90	2.50
	Lead	15	MCL	0.150	ND	ND	0.320	0.640	0.560	0.190	0.130
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	1.40	0.800	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-ALIA0938	H1-ALIA0960	H1-AMAP3750	H1-BAMB3617	H1-BEGO4108		H1-BEGO4134	H1-BEGO4182
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	938 Aliamanu Drive	960 Aliamanu Drive	3750 Amapa Lane	3617 Bamboo Lane	4108 Begonia Loop		4134 Begonia Loop	4182 Begonia Loop
				Field Sample ID:	H1-TW-0013172-22062-A	H1-TW-0013176-22062-A	H1-TW-0013226-22062-A	H1-TW-0013243-22062-A	H1-TW-0013266-22062-3-A	H1-TW-0013266-22062-A	H1-TW-0013275-22062-A	H1-TW-0013288-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	938 Aliamanu Drive	960 Aliamanu Drive	3750 Amapa Lane	3617 Bamboo Lane	4108 Begonia Loop		4134 Begonia Loop	4182 Begonia Loop
				Field Sample ID:	H1-TW-0013172-22062-A	H1-TW-0013176-22062-A	H1-TW-0013226-22062-A	H1-TW-0013243-22062-A	H1-TW-0013266-22062-3-A	H1-TW-0013266-22062-A	H1-TW-0013275-22062-A	H1-TW-0013288-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	0.940	0.840	ND	ND	0.780	3.00	1.30	0.640	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.630	ND	ND	ND	ND	1.10	0.710	ND	
	Total Trihalomethanes	80	MCL	1.60	0.840	ND	ND	0.780	4.10	2.00	0.640	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H1-BOUG0221		H1-CALA3083	H1-CALA3109	H1-CASS3223	H1-CASS3229	H1-CENT2226	
				Location ID:	Location Type:	Address:	Residence	Residence	Residence	Residence	Residence
				221 Bougainvillea Loop	221 Bougainvillea Loop	3083 Calamondin Way	3109 Calamondin Way	3223 Cassia Lane	3229 Cassia Lane	2226 Center Street	2226 Center Street
				H1-TW-0013301-22062-3-A	H1-TW-0013301-22062-A	H1-TW-0012679-22062-A	H1-TW-0012690-22062-A	H1-TW-0012711-22062-A	H1-TW-0012713-22062-A	H1-TW-0012724-22062-3-A	H1-TW-0012724-22062-A
				2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	620	620	590	660	630	630	650	650
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	50.4	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	50.4	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.110	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	11.7	11.7	10.9	10.9	10.2	11.0	9.50	9.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	1.80	2.00	2.50	2.60	1.30	1.20	0.960	1.10
	Lead	15	MCL	ND	ND	0.340	0.250	0.170	ND	ND	0.150
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-BOUG0221		H1-CALA3083	H1-CALA3109	H1-CASS3223	H1-CASS3229	H1-CENT2226	
				Location Type: Residence		Residence	Residence	Residence	Residence	Residence	
				Address: 221 Bougainvillea Loop		3083 Calamondin Way	3109 Calamondin Way	3223 Cassia Lane	3229 Cassia Lane	2226 Center Street	
				Field Sample ID: H1-TW-0013301-22062-3-A	H1-TW-0013301-22062-A	H1-TW-0012679-22062-A	H1-TW-0012690-22062-A	H1-TW-0012711-22062-A	H1-TW-0012713-22062-A	H1-TW-0012724-22062-3-A	H1-TW-0012724-22062-A
				Sample Date: 2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
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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				Residence		Residence		Residence		Residence		Residence		Residence	
				Address: 221 Bougainvillea Loop		3083 Calamondin Way		3109 Calamondin Way		3223 Cassia Lane		3229 Cassia Lane		2226 Center Street	
				Field Sample ID: H1-TW-0013301-22062-3-A	H1-TW-0013301-22062-A	H1-TW-0012679-22062-A	H1-TW-0012690-22062-A	H1-TW-0012711-22062-A	H1-TW-0012713-22062-A	H1-TW-0012724-22062-3-A	H1-TW-0012724-22062-A				
				Sample Date: 2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21		
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)		
Haloacetic Acids (ppb)	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		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	0.610	0.690	ND	ND		
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	0.610	0.690	ND	ND		

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		Location ID:	H1-CENT2296	H1-CORA2147	H1-CROT4215	H1-CROT4242	H1-CROT4246	H1-CROT4272	H1-CROT4298	H1-CROT4306	
		Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2296 Center Street	2147 Coral Lane (CDH)	4215 Croton Street	4242 Croton Street	4246 Croton Street	4272 Croton Street	4298 Croton Street	4306 Croton Street	
		Field Sample ID:	H1-TW-0012762-22062-A	H1-TW-0012781-22062-A	H1-TW-0012787-22062-A	H1-TW-0012795-22062-A	H1-TW-0012796-22062-A	H1-TW-0012799-22062-A	H1-TW-0012806-22062-A	H1-TW-0012809-22062-A	
		Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21	2022-03-21	2022-03-23	2022-03-21	
		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	640	590	660	620	580	190	470	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	61.0	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	211	ISP	ND	ND	ND	ND	ND	ND	61.0	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.130	ND
	Arsenic	10	MCL	ND	ND	ND	ND	0.860	ND	ND	ND
	Barium	2000	MCL	9.40	9.60	11.3	9.90	10.7	10.7	13.7	11.1
	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	ND	ND	ND	ND	0.580	ND	ND	ND
	Copper	1300	MCL	1.20	0.720	2.60	1.90	8.90	2.70	8.70	0.990
	Lead	15	MCL	ND	ND	ND	ND	1.20	ND	0.380	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	0.0560	ND	ND	ND	0.0560	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	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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

		Location ID:	H1-CENT2296	H1-CORA2147	H1-CROT4215	H1-CROT4242	H1-CROT4246	H1-CROT4272	H1-CROT4298	H1-CROT4306	
		Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2296 Center Street	2147 Coral Lane (CDH)	4215 Croton Street	4242 Croton Street	4246 Croton Street	4272 Croton Street	4298 Croton Street	4306 Croton Street	
		Field Sample ID:	H1-TW-0012762-22062-A	H1-TW-0012781-22062-A	H1-TW-0012787-22062-A	H1-TW-0012795-22062-A	H1-TW-0012796-22062-A	H1-TW-0012799-22062-A	H1-TW-0012806-22062-A	H1-TW-0012809-22062-A	
		Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21	2022-03-21	2022-03-23	2022-03-21	
		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	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	

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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		Location ID:	H1-CENT2296	H1-CORA2147	H1-CROT4215	H1-CROT4242	H1-CROT4246	H1-CROT4272	H1-CROT4298	H1-CROT4306
		Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2296 Center Street	2147 Coral Lane (CDH)	4215 Croton Street	4242 Croton Street	4246 Croton Street	4272 Croton Street	4298 Croton Street	4306 Croton Street
		Field Sample ID:	H1-TW-0012762-22062-A	H1-TW-0012781-22062-A	H1-TW-0012787-22062-A	H1-TW-0012795-22062-A	H1-TW-0012796-22062-A	H1-TW-0012799-22062-A	H1-TW-0012806-22062-A	H1-TW-0012809-22062-A
		Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21	2022-03-21	2022-03-23	2022-03-21
		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	--	--	1.20	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	1.20	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.510	0.570	0.680	ND	0.700	0.710
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.530	ND	ND	0.510
	Total Trihalomethanes	80	MCL	ND	0.510	0.570	1.20	ND	0.700	1.20

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

				Location ID:	H1-FLAM2527	H1-GOLD6037	H1-GUAV3818	H1-GUAV3839	H1-GUM 3281	H1-GUM 3301	H1-HAWT6724	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	2527 Flame Lane	6037 Gold Lane	3818 Guava Lane	3839 Guava Lane	3281 Gum Lane	3301 Gum Lane	6724 Hawthorne Place	
				Field Sample ID:	H1-TW-0012822-22062-A	H1-TW-0012846-22062-A	H1-TW-0012854-22062-A	H1-TW-0012862-22062-A	H1-TW-0012866-22062-A	H1-TW-0012871-22062-A	H1-TW-0012879-22062-3-A	H1-TW-0012879-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	510	580	650	640	570	570	670	670	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	430	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	53.2	66.3	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	53.2	66.3	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.650	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	8.20	10.6	10.8	10.2	8.70	9.50	11.8	11.3	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	0.540	ND	ND
	Copper	1300	MCL	2.20	1.40	1.40	2.00	6.40	3.60	3.70	2.30	
	Lead	15	MCL	0.310	ND	0.290	0.540	0.160	0.140	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.610	ND	ND	3.50	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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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:	H1-FLAM2527	H1-GOLD6037	H1-GUAV3818	H1-GUAV3839	H1-GUM 3281	H1-GUM 3301	H1-HAWT6724	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2527 Flame Lane	6037 Gold Lane	3818 Guava Lane	3839 Guava Lane	3281 Gum Lane	3301 Gum Lane	6724 Hawthorne Place	
				Field Sample ID:	H1-TW-0012822-22062-A	H1-TW-0012846-22062-A	H1-TW-0012854-22062-A	H1-TW-0012862-22062-A	H1-TW-0012866-22062-A	H1-TW-0012871-22062-A	H1-TW-0012879-22062-3-A	H1-TW-0012879-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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		Location ID:	H1-FLAM2527	H1-GOLD6037	H1-GUAV3818	H1-GUAV3839	H1-GUM 3281	H1-GUM 3301	H1-HAWT6724	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2527 Flame Lane	6037 Gold Lane	3818 Guava Lane	3839 Guava Lane	3281 Gum Lane	3301 Gum Lane	6724 Hawthorne Place	
		Field Sample ID:	H1-TW-0012822-22062-A	H1-TW-0012846-22062-A	H1-TW-0012854-22062-A	H1-TW-0012862-22062-A	H1-TW-0012866-22062-A	H1-TW-0012871-22062-A	H1-TW-0012879-22062-3-A	H1-TW-0012879-22062-A
		Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-22	2022-03-21	2022-03-21
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.80	ND	ND	0.510	1.70	2.00	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.00	ND	ND	ND	1.00	0.830	ND
	Total Trihalomethanes	80	MCL	2.90	ND	ND	0.510	2.70	2.90	ND

**Summary of Chemistry Results
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-HILO4812	H1-IRON4062	H1-IXOR6611	H1-IXOR6649	H1-KOBA4516	H1-LILI4664	H1-LILI4672	H1-MACA5061
				Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4812 Hilo Holly Lane	4062 Ironwood Loop	6611 Ixora Lane	6649 Ixora Lane	4516 Kobashigawa Street	4664 Liliiko Lane	4672 Liliiko Lane	5061 Macadamia Lane
				Field Sample ID:	H1-TW-0012897-22062-A	H1-TW-0012923-22062-A	H1-TW-0012936-22062-A	H1-TW-0012948-22062-A	H1-TW-0013030-22062-A	H1-TW-0013078-22062-A	H1-TW-0013080-22062-A	H1-TW-0013099-22062-3-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	1070	250	650	450	330	660	600	710	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	10.6	11.4	11.9	11.0	11.2	8.20	7.80	11.3	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	1.20	4.60	3.10	1.50	2.20	1.00	1.90	1.20	
	Lead	15	MCL	ND	0.480	0.160	ND	0.210	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	0.670	ND	ND	0.960	ND	ND	0.770	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-HILO4812	H1-IRON4062	H1-IXOR6611	H1-IXOR6649	H1-KOBA4516	H1-LILI4664	H1-LILI4672	H1-MACA5061
				Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4812 Hilo Holly Lane	4062 Ironwood Loop	6611 Ixora Lane	6649 Ixora Lane	4516 Kobashigawa Street	4664 Liliiko Lane	4672 Liliiko Lane	5061 Macadamia Lane
				Field Sample ID:	H1-TW-0012897-22062-A	H1-TW-0012923-22062-A	H1-TW-0012936-22062-A	H1-TW-0012948-22062-A	H1-TW-0013030-22062-A	H1-TW-0013078-22062-A	H1-TW-0013080-22062-A	H1-TW-0013099-22062-3-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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

		Location ID:	H1-HILO4812	H1-IRON4062	H1-IXOR6611	H1-IXOR6649	H1-KOBA4516	H1-LILI4664	H1-LILI4672	H1-MACA5061
		Location Type:	Residence	Residential Child Care	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4812 Hilo Holly Lane	4062 Ironwood Loop	6611 Ixora Lane	6649 Ixora Lane	4516 Kobashigawa Street	4664 Liliiko Lane	4672 Liliiko Lane	5061 Macadamia Lane
		Field Sample ID:	H1-TW-0012897-22062-A	H1-TW-0012923-22062-A	H1-TW-0012936-22062-A	H1-TW-0012948-22062-A	H1-TW-0013030-22062-A	H1-TW-0013078-22062-A	H1-TW-0013080-22062-A	H1-TW-0013099-22062-3-A
		Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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	1.20	0.610	ND	1.20	0.780	0.570
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.650	ND	ND	0.600	0.600	ND
	Total Trihalomethanes	80	MCL	ND	1.80	0.610	ND	1.80	1.40	0.570

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

Notes:
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EAL = DOH Environmental Action Level
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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:	H1-MACA5061	H1-MACA5062		H1-MAMA4579	H1-MILO6818	H1-NONI3177	H1-PAMA6310	H1-PAPE4511	
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	5061 Macadamia Lane	5062 Macadamia Lane		4579 Mamane Lane	6818 Milo Lane	3177 Noni Lane	6310 Pamakani Lane	4511 Paperbark Lane	
		Field Sample ID:	H1-TW-0013099-22062-A	H1-TW-0013100-22062-3-A	H1-TW-0013100-22062-A	H1-TW-0013108-22062-A	H1-TW-0013126-22062-A	H1-TW-0013152-22062-A	H1-TW-0013404-22062-A	H1-TW-0013434-22062-A	
		Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	710	540	540	660	180	530	640	610
Field Test (ppb)	Free Chlorine	4000	MCL	710	540	540	660	180	530	640	610
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	570	540	ND	ND	460	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.530	ND	ND	ND	0.670	ND	ND	ND
	Barium	2000	MCL	11.1	11.0	10.5	10.3	11.3	10.1	11.4	8.60
	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	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	1.20	2.00	1.70	1.70	3.00	1.70	81.4	3.10
	Lead	15	MCL	ND	0.190	0.170	ND	ND	ND	2.70	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

Notes:
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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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-MACA5062		H1-MAMA4579	H1-MILO6818	H1-NONI3177	H1-PAMA6310	H1-PAPE4511	
				H1-MACA5061	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5062 Macadamia Lane		4579 Mamane Lane	6818 Milo Lane	3177 Noni Lane	6310 Pamakani Lane	4511 Paperbark Lane	
				Field Sample ID:	H1-TW-0013099-22062-A	H1-TW-0013100-22062-3-A	H1-TW-0013100-22062-A	H1-TW-0013108-22062-A	H1-TW-0013126-22062-A	H1-TW-0013152-22062-A	H1-TW-0013404-22062-A	H1-TW-0013434-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				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	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 H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

Notes:
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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:	H1-MACA5062		H1-MAMA4579	H1-MILO6818	H1-NONI3177	H1-PAMA6310	H1-PAPE4511	
				H1-MACA5061	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5062 Macadamia Lane		4579 Mamane Lane	6818 Milo Lane	3177 Noni Lane	6310 Pamakani Lane	4511 Paperbark Lane	
				Field Sample ID:	H1-TW-0013099-22062-A	H1-TW-0013100-22062-3-A	H1-TW-0013100-22062-A	H1-TW-0013108-22062-A	H1-TW-0013126-22062-A	H1-TW-0013152-22062-A	H1-TW-0013404-22062-A	H1-TW-0013434-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-21
				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	0.710	ND	ND	ND	
	Bromoform	--	--	0.500	1.50	4.00	ND	9.20	0.520	0.560	0.880	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.580	1.40	ND	3.50	ND	0.530	0.540	
	Total Trihalomethanes	80	MCL	0.500	2.10	5.40	ND	13.4	0.520	1.10	1.40	

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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		Location ID:	H1-PAPE4537	H1-POME2383	H1-POTA6109	H1-POTA6112	
		Location Type:	Residence	Residence	Residence	Residence	
		Address:	4537 Paperbark Lane	2383 Pomelaiki Lane	6109 Potata Lane	6112 Potata Lane	
		Field Sample ID:	H1-TW-0013441-22062-A	H1-TW-0012613-22062-A	H1-TW-0012617-22062-A	H1-TW-0012619-22062-A	
		Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Field Test (ppb)	Free Chlorine	4000	MCL	650	270	610	230
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	430	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	71.4	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	71.4	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	8.70	10.0	11.0	10.9
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND
	Copper	1300	MCL	1.50	3.10	2.30	2.80
	Lead	15	MCL	ND	0.530	0.160	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	0.670	ND	ND	0.710
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND
	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

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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		Location ID:	H1-PAPE4537	H1-POME2383	H1-POTA6109	H1-POTA6112
		Location Type:	Residence	Residence	Residence	Residence
		Address:	4537 Paperbark Lane	2383 Pomelaiki Lane	6109 Potata Lane	6112 Potata Lane
		Field Sample ID:	H1-TW-0013441-22062-A	H1-TW-0012613-22062-A	H1-TW-0012617-22062-A	H1-TW-0012619-22062-A
		Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	1,2,4-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
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND

**Summary of Chemistry Results
 Zone H1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Residences in Zone H1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-PAPE4537	H1-POME2383	H1-POTA6109	H1-POTA6112
				Location Type:	Residence	Residence	Residence	Residence
				Address:	4537 Paperbark Lane	2383 Pomelaiki Lane	6109 Potata Lane	6112 Potata Lane
				Field Sample ID:	H1-TW-0013441-22062-A	H1-TW-0012613-22062-A	H1-TW-0012617-22062-A	H1-TW-0012619-22062-A
				Sample Date:	2022-03-21	2022-03-21	2022-03-22	2022-03-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	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	--	--	0.540	2.60	0.540	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.900	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.540	3.50	0.540	ND	ND

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Child Development Centers in Zone H1

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: H1-BLDG1782		Location ID: H1-BLDG1783		Location ID: H1-BLDG1795		Location ID: H1-BLDG1875		
				Location Type: Child Development Center		Location Type: Child Development Center		Location Type: Child Development Center		Location Type: Child Development Center		
				Address: Building 1782,CYS / Army Community Center		Address: Building 1783,CDC - Under 6 years		Address: Building 1795,Youth Activities Center		Address: Building 1875,Private/Organizational Club		
				Field Sample ID:	H1-TW-0017683-22062-A-1	H1-TW-0017683-22062-A-2	H1-TW-0017684-22062-A-1	H1-TW-0017684-22062-A-2	H1-TW-0017687-22062-A-1	H1-TW-0017687-22062-A-2	H1-TW-0017689-22062-A-1	H1-TW-0017689-22062-A-2
				Sample Date:	2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-24	2022-03-24	2022-03-23	2022-03-23
				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	H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875		
Field Test (ppb)	Free Chlorine	4000	MCL	340-610	340-610	550-850	550-850	60.0-430	60.0-430	100-170	100-170	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	250	270	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	64.0	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	64.0	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.120	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	8.80	6.40	10.0	9.70	11.2	2.40	5.30	6.20	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	ND	ND	ND	ND	ND	1.40	0.590	0.560	
	Copper	1300	MCL	9.70	8.50	10.0	9.30	34.3	144	23.2	18.4	
	Lead	15	MCL	0.130	0.270	0.190	0.380	0.680	3.80	0.200	2.80	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Child Development Centers in Zone H1

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: H1-BLDG1782		Location ID: H1-BLDG1783		Location ID: H1-BLDG1795		Location ID: H1-BLDG1875	
				Location Type: Child Development Center	Address: Building 1782,CYS / Army Community Center	Location Type: Child Development Center	Address: Building 1783,CDC - Under 6 years	Location Type: Child Development Center	Address: Building 1795,Youth Activities Center	Location Type: Child Development Center	Address: Building 1875,Private/Organizational Club
				Field Sample ID: H1-TW-0017683-22062-A-1	Field Sample ID: H1-TW-0017683-22062-A-2	Field Sample ID: H1-TW-0017684-22062-A-1	Field Sample ID: H1-TW-0017684-22062-A-2	Field Sample ID: H1-TW-0017687-22062-A-1	Field Sample ID: H1-TW-0017687-22062-A-2	Field Sample ID: H1-TW-0017689-22062-A-1	Field Sample ID: H1-TW-0017689-22062-A-2
				Sample Date: 2022-03-21	Sample Date: 2022-03-21	Sample Date: 2022-03-21	Sample Date: 2022-03-21	Sample Date: 2022-03-24	Sample Date: 2022-03-24	Sample Date: 2022-03-23	Sample Date: 2022-03-23
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	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
	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

**Summary of Chemistry Results
Zone H1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in March 2022 from Child Development Centers in Zone H1

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)
§ - 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:		H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875	
		Location Type:		Child Development Center		Child Development Center		Child Development Center		Child Development Center	
		Address:		Building 1782,CYS / Army Community Center		Building 1783,CDC - Under 6 years		Building 1795,Youth Activities Center		Building 1875,Private/Organizational Club	
		Field Sample ID:		H1-TW-0017683-22062-A-1	H1-TW-0017683-22062-A-2	H1-TW-0017684-22062-A-1	H1-TW-0017684-22062-A-2	H1-TW-0017687-22062-A-1	H1-TW-0017687-22062-A-2	H1-TW-0017689-22062-A-1	H1-TW-0017689-22062-A-2
		Sample Date:		2022-03-21	2022-03-21	2022-03-21	2022-03-21	2022-03-24	2022-03-24	2022-03-23	2022-03-23
		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)	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	4.50	3.90
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	4.50	3.90
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	1.50	1.40
	Bromoform	--	--	ND	2.20	ND	0.520	ND	2.50	17.7	15.2
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.870	ND	ND	ND	1.00	6.10	5.50
	Total Trihalomethanes	80	MCL	ND	3.10	ND	0.520	ND	3.50	25.2	22.1

**Summary of Chemistry Results
Zone H1 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 H1

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:	H1-BLDG1788
Location Type:	Non-Residence
Address:	Building 1788,Community Center
Field Sample ID:	H1-TW-0017686- 22062-A
Sample Date:	2022-03-21
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	550
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	8.90
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	ND
	Copper	1300	MCL	7.60
	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 H1 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 H1

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

Location ID:	H1-BLDG1788
Location Type:	Non-Residence
Address:	Building 1788,Community Center
Field Sample ID:	H1-TW-0017686- 22062-A
Sample Date:	2022-03-21
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 H1 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 H1

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:	H1-BLDG1788
Location Type:	Non-Residence
Address:	Building 1788,Community Center
Field Sample ID:	H1-TW-0017686- 22062-A
Sample Date:	2022-03-21
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	--	--	ND
	Bromoform	--	--	1.20
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.720
	Total Trihalomethanes	80	MCL	1.90

**Summary of Chemistry Results
Zone H1 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 H1

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 (Grab, Resample) = Additional follow-up sample

		Location ID:		H1-HYD1387A		H1-HYD1396A		H1-HYD1416A	
		Location Type:		Hydrant		Hydrant		Hydrant	
		Address:		Hydrant 1387		Hydrant 1396		Hydrant 1416	
		Field Sample ID:		H1-DL-0017756-22062-3-A	H1-DL-0017756-22062-A	H1-DL-0017754-22062-A	H1-DL-0017755-22062-A		
		Sample Date:		2022-03-22	2022-03-22	2022-03-22	2022-03-22		
		Sample Type:		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	480	480	340	630		
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	260	240		
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	8.50	8.30	8.30	10.3		
	Beryllium	4	MCL	ND	ND	ND	ND		
	Cadmium	5	MCL	ND	ND	ND	ND		
	Chromium	100	MCL	ND	ND	ND	ND		
	Copper	1300	MCL	1.30	1.10	1.20	1.10		
	Lead	15	MCL	0.370	0.370	0.210	ND		
	Mercury	2	MCL	ND	ND	ND	ND		
	Selenium	50	MCL	ND	ND	ND	ND		
	Thallium	2	MCL	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND		
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND		
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND		
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND		
	Naphthalene	17	EAL	ND	ND	ND	ND		
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		

**Summary of Chemistry Results
Zone H1 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 H1

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:		H1-HYD1387A		H1-HYD1396A		H1-HYD1416A	
		Location Type:		Hydrant		Hydrant		Hydrant	
		Address:		Hydrant 1387		Hydrant 1396		Hydrant 1416	
		Field Sample ID:		H1-DL-0017756-22062 -3-A	H1-DL-0017756-22062 -A	H1-DL-0017754-22062 -A	H1-DL-0017755-22062 -A		
		Sample Date:		2022-03-22		2022-03-22		2022-03-22	
		Sample Type:		FD (Field Duplicate)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND		
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND		
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND		
	1,2-Dichloroethene	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		
	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		

**Summary of Chemistry Results
Zone H1 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 H1

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

		Location ID:		H1-HYD1387A		H1-HYD1396A		H1-HYD1416A	
		Location Type:		Hydrant		Hydrant		Hydrant	
		Address:		Hydrant 1387		Hydrant 1396		Hydrant 1416	
		Field Sample ID:		H1-DL-0017756-22062	H1-DL-0017756-22062	H1-DL-0017754-22062	H1-DL-0017755-22062		
				-3-A	-A	-A	-A		
		Sample Date:		2022-03-22	2022-03-22	2022-03-22	2022-03-22		
		Sample Type:		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		
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND		
	Bromoform	--	--	1.10	1.20	2.00	ND		
	Chloroform	--	--	ND	ND	ND	ND		
	Dibromochloromethane	--	--	0.590	0.760	1.20	ND		
	Total Trihalomethanes	80	MCL	1.60	1.90	3.20	ND		