

**Summary of Chemistry Results  
Zone C1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone C1**

<b>Notes:</b>
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: C1-BLDG0679		Location ID: C1-BLDG1655		
				Location Type: Child Development Center	Address: Building 679,NAVY EDUCATION CENTER	Location Type: Child Development Center	Address: Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd	Field Sample ID:
Field Test (ppb)	Free Chlorine	4000	MCL	220	220	500-580	500-580	500-580
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	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	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND
	Copper	1300	MCL	52.2	34.0	17.9	20.5	16.0
	Lead	15	MCL	0.400	ND	ND	ND	ND
	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	

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				Location Type: Child Development Center	Address: Building 679,NAVY EDUCATION CENTER	Location Type: Child Development Center	Address: Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd	Field Sample ID:
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	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	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG0679		Location ID: C1-BLDG1655		
				Location Type: Child Development Center	Address: Building 679,NAVY EDUCATION CENTER	Location Type: Child Development Center	Address: Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd	Field Sample ID: C1-TW-0014654-22077-N-1
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	--	--	3.90	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.60	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	5.40	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone C1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in March and April 2022 from Other Buildings in Zone C1**

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EPA MCL = EPA Maximum Contaminant Level
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C1-BLDG0417		C1-BLDG0427	C1-BLDG0584	C1-BLDG0823	C1-BLDG1407	C1-BLDG1514	
				Location Type:	Non-Residence		Non-Residence	Medical Building	Non-Residence	Medical Building	Medical Building	
				Address:	Building 417,IMF RIGGER DIVER SHOP, 2656 Kuahua Ave		Building 427,NEX BLDG	Building 584,CAREER INFORMATION CENTER, 2367 North Rd	Building 823,DOG KENNEL	Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd	Building 1514,SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd	
				Field Sample ID:	C1-TW-0014674-22077-N	C1-TW-0014675-22077-3-N	C1-TW-0014675-22077-N	C1-TW-0014678-22077-N	C1-TW-0014693-22077-N	C1-TW-0014669-22077-N	C1-TW-0014730-22077-N	C1-TW-0014738-22077-N
				Sample Date:	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-04-06	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	420	420	330	30.0	150	490	480	
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	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	1.90	1.90	1.90	1.90	2.80	1.90	1.90	3.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	0.530	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.40	1.80	1.80	1.80	ND	1.80	1.70	1.90	
	Copper	1300	MCL	6.40	27.7	36.8	19.7	24.9	29.0	36.5	28.6	
	Lead	15	MCL	0.470	ND	ND	0.170	ND	1.30	ND	0.440	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	0.390	0.300	ND	ND	ND	ND	
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0620		
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	

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**Drinking Water Samples Collected in March and April 2022 from Other Buildings in Zone C1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C1-BLDG0417		C1-BLDG0427	C1-BLDG0584	C1-BLDG0823	C1-BLDG1407	C1-BLDG1514	
				Location Type:	Non-Residence		Non-Residence	Medical Building	Non-Residence	Medical Building	Medical Building	
				Address:	Building 417,IMF RIGGER DIVER SHOP, 2656 Kuahua Ave		Building 427,NEX BLDG	Building 584,CAREER INFORMATION CENTER, 2367 North Rd	Building 823,DOG KENNEL	Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd	Building 1514,SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd	
				Field Sample ID:	C1-TW-0014674-22077-N	C1-TW-0014675-22077-3-N	C1-TW-0014675-22077-N	C1-TW-0014678-22077-N	C1-TW-0014693-22077-N	C1-TW-0014669-22077-N	C1-TW-0014730-22077-N	C1-TW-0014738-22077-N
				Sample Date:	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-04-06	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG0416		Location ID: C1-BLDG0417		Location ID: C1-BLDG0427	Location ID: C1-BLDG0584	Location ID: C1-BLDG0823	Location ID: C1-BLDG1407	Location ID: C1-BLDG1514																	
				Location Type: Non-Residence	Address: Building 416, NATIONAL PARK SERVICE	Location Type: Non-Residence	Address: Building 417, IMF RIGGER DIVER SHOP, 2656 Kuahua Ave	Location Type: Non-Residence	Address: Building 427, NEX BLDG	Location Type: Medical Building	Address: Building 584, CAREER INFORMATION CENTER, 2367 North Rd	Location Type: Non-Residence	Address: Building 823, DOG KENNEL	Location Type: Medical Building	Address: Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd	Location Type: Medical Building	Address: Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd												
				Field Sample ID: C1-TW-0014674-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014675-22077-3-N	Sample Date: 2022-03-31	Sample Type: FD (Field Duplicate)	Field Sample ID: C1-TW-0014675-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014678-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014693-22077-N	Sample Date: 2022-04-06	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014669-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014730-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)	Field Sample ID: C1-TW-0014738-22077-N	Sample Date: 2022-03-31	Sample Type: N (Normal)		
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.680	ND	ND	ND	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	
	Bromoform	--	--	0.940	0.700	0.740	1.50	6.40	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	0.860	0.630	0.540	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.660	0.700	0.760	0.990	2.10	0.620	ND	0.550	0.620	ND	0.550	0.620	ND	0.550	0.620	ND	0.550	0.620	ND	0.550	0.620	ND	0.550	0.620	ND	
	Total Trihalomethanes	80	MCL	1.60	1.40	1.50	2.50	9.10	1.20	0.540	1.40	1.20	0.540	1.40	1.20	0.540	1.40	1.20	0.540	1.40	1.20	0.540	1.40	1.20	0.540	1.40	1.20	0.540	

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				Location Type:	Medical Building	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road	Building 1685,POL LAB/TESTING/SAMPLING	Building 1694,SEAWOLF TOWER	Building 1723,SMALLWOOD HALL BEQ	Building 1736,SUBASE BOWLING ALLEY	Building 1770,INTERMEDIATE MAINTENANCE FAC	Building 1900,CENTRAL RECEIVE/CONTAIN OPS
				Field Sample ID:	C1-TW-0014739-22077-N	C1-TW-0014757-22077-N	C1-TW-0014758-22077-N	C1-TW-0014760-22077-N	C1-TW-0014767-22077-N	C1-TW-0014780-22077-N	C1-TW-0014786-22077-N
				Sample Date:	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	430	410	570	510	520	510	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	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	1.80	1.80	1.90	2.00	1.80	5.00	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.70	1.80	1.00	1.70	2.10	1.80	
	Copper	1300	MCL	58.2	54.3	15.7	68.0	52.0	17.5	30.2	
	Lead	15	MCL	ND	0.370	0.150	0.270	0.690	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.300	ND	0.360	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	0.0990	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone C1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in March and April 2022 from Other Buildings in Zone C1**

<b>Notes:</b>
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:	C1-BLDG1535	C1-BLDG1685	C1-BLDG1694	C1-BLDG1723	C1-BLDG1736	C1-BLDG1770	C1-BLDG1900
				Location Type:	Medical Building	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road	Building 1685,POL LAB/TESTING/SAMPLING	Building 1694,SEAWOLF TOWER	Building 1723,SMALLWOOD HALL BEQ	Building 1736,SUBASE BOWLING ALLEY	Building 1770,INTERMEDIATE MAINTENANCE FAC	Building 1900,CENTRAL RECEIVE/CONTAIN OPS
				Field Sample ID:	C1-TW-0014739-22077-N	C1-TW-0014757-22077-N	C1-TW-0014758-22077-N	C1-TW-0014760-22077-N	C1-TW-0014767-22077-N	C1-TW-0014780-22077-N	C1-TW-0014786-22077-N
				Sample Date:	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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
	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



**Summary of Chemistry Results  
Zone C1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in March and April 2022 from Other Buildings in Zone C1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C1-BLDG1535	C1-BLDG1685	C1-BLDG1694	C1-BLDG1723	C1-BLDG1736	C1-BLDG1770	C1-BLDG1900
				Location Type:	Medical Building	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road	Building 1685,POL LAB/TESTING/SAMPLING	Building 1694,SEAWOLF TOWER	Building 1723,SMALLWOOD HALL BEQ	Building 1736,SUBASE BOWLING ALLEY	Building 1770,INTERMEDIATE MAINTENANCE FAC	Building 1900,CENTRAL RECEIVE/CONTAIN OPS
				Field Sample ID:	C1-TW-0014739-22077-N	C1-TW-0014757-22077-N	C1-TW-0014758-22077-N	C1-TW-0014760-22077-N	C1-TW-0014767-22077-N	C1-TW-0014780-22077-N	C1-TW-0014786-22077-N
				Sample Date:	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	2.70	ND
	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	2.70	ND
					ND	ND	ND	ND	ND	2.90	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	2.90	ND
	Bromoform	--	--	ND	1.00	ND	ND	ND	ND	9.00	0.740
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.840	ND
	Dibromochloromethane	--	--	ND	0.750	ND	ND	ND	ND	7.50	0.670
	Total Trihalomethanes	80	MCL	ND	1.80	ND	ND	ND	ND	20.2	1.40

**Summary of Chemistry Results  
Zone C1 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 C1**

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

		Location ID:	C1-HYD1183	C1-HYD1765	C1-HYD1769	C1-HYD354		C1-HYD444	C1-HYD817	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	
		Address:	FH ID: 512	FH ID: FH 503	FHID: 563	FHID: 479		FHID: 413	FHID: 530A	
		Field Sample ID:	C1-DL-0000531-22077 -N	C1-DL-0000526-22077 -N	C1-DL-0017789-22077 -N	C1-DL-0017791-22077 -3-N	C1-DL-0017791-22077 -N	C1-DL-0017788-22077 -N	C1-DL-0017790-22077 -N	
		Sample Date:	2022-03-30	2022-03-30	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31	
		Sample Type:	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	130	440	490	390	390	360	300
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	8.90	1.90	2.20	1.80	1.80	3.00	3.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.60	1.60	1.50	1.50	1.60	2.20
	Copper	1300	MCL	1.80	2.90	3.20	4.10	11.0	2.10	1.70
	Lead	15	MCL	2.60	0.380	0.760	0.720	2.30	0.260	0.280
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.310	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone C1 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 C1**

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		Location ID:	C1-HYD1183	C1-HYD1765	C1-HYD1769	C1-HYD354		C1-HYD444	C1-HYD817
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant
		Address:	FH ID: 512	FH ID: FH 503	FHID: 563	FHID: 479		FHID: 413	FHID: 530A
		Field Sample ID:	C1-DL-0000531-22077 -N	C1-DL-0000526-22077 -N	C1-DL-0017789-22077 -N	C1-DL-0017791-22077 -3-N	C1-DL-0017791-22077 -N	C1-DL-0017788-22077 -N	C1-DL-0017790-22077 -N
		Sample Date:	2022-03-30	2022-03-30	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31
		Sample Type:	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
	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	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone C1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C1-HYD1183	C1-HYD1765	C1-HYD1769	C1-HYD354		C1-HYD444	C1-HYD817
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH ID: 512	FH ID: FH 503	FHID: 563	FHID: 479		FHID: 413	FHID: 530A
				Field Sample ID:	C1-DL-0000531-22077 -N	C1-DL-0000526-22077 -N	C1-DL-0017789-22077 -N	C1-DL-0017791-22077 -3-N	C1-DL-0017791-22077 -N	C1-DL-0017788-22077 -N	C1-DL-0017790-22077 -N
				Sample Date:	2022-03-30	2022-03-30	2022-03-31	2022-03-31	2022-03-31	2022-03-31	2022-03-31
				Sample Type:	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
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.20	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	8.00	--	1.40	ND	ND	0.870	1.70	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	2.60	--	1.00	ND	ND	0.880	1.00	
	Total Trihalomethanes	80	MCL	11.8	--	2.40	ND	ND	1.80	2.70	