

Summary of Chemistry Results
 Zone C2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - April 2023 from Other Buildings in Zone C2

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
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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:	C2-BLDG0035	C2-BLDG0158	C2-BLDG0222	C2-BLDG0281	C2-BLDG0287	C2-BLDG0387		C2-BLDG0394
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence		Non-Residence
				Address:	Building 35,GARAGE/PWC TRANS, 1675 South Ave	Building 158,GENERAL WAREHOUSE SUPPLY	Building 222,EVENT CENTER, B223 South Ave and 8th St	Building 281,MIL ENTRANCE PROCESS STATION	Building 287,ADMIN BLDG, 560 Central Ave	Building 387,PUBLIC TOILET		Building 394,BATTERY SHOP (X51)
				Field Sample ID:	C2-TW-0014795-22347-N	C2-TW-0014801-22347-N	C2-TW-0014864-22347-N	C2-TW-0014873-22347-N	C2-TW-0014878-22347-N	C2-TW-0014886-22347-3-N	C2-TW-0014886-22347-N	C2-TW-0014889-22347-N
				Sample Date:	2023-04-28	2023-04-20	2023-04-28	2023-02-08	2023-04-28	2023-03-23	2023-03-23	2023-04-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	470	20.0	100	310	180	50.0	50.0	110	
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	54.8	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	54.6	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	109	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	0.670	ND	ND	ND	ND	ND	0.630	
	Barium	2000	MCL	1.80	4.80	2.30	2.30	2.10	4.60	2.00	4.10	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	0.720	ND	0.780	1.80	0.670	1.80	1.70	ND	
	Copper	1300	MCL	40.1	0.710	27.5	79.5	45.5	10.1	9.90	8.90	
	Lead	15	MCL	0.160	0.630	0.650	0.160	0.220	0.390	0.270	0.200	
	Mercury	2	MCL	ND	0.0670	ND	ND	ND	ND	ND	ND	0.0330
	Selenium	50	MCL	1.70	ND	1.20	ND	1.80	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	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-BLDG0035	C2-BLDG0158	C2-BLDG0222	C2-BLDG0281	C2-BLDG0287	C2-BLDG0387		C2-BLDG0394
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
Volatile Organic Compounds (ppb)	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 (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
					Building 35,GARAGE/PWC TRANS, 1675 South Ave	Building 158,GENERAL WAREHOUSE SUPPLY	Building 222,EVENT CENTER, B223 South Ave and 8th St	Building 281,MIL ENTRANCE PROCESS STATION	Building 287,ADMIN BLDG, 560 Central Ave	Building 387,PUBLIC TOILET		Building 394,BATTERY SHOP (X51)
					C2-TW-0014795-22347-N	C2-TW-0014801-22347-N	C2-TW-0014864-22347-N	C2-TW-0014873-22347-N	C2-TW-0014878-22347-N	C2-TW-0014886-22347-3-N	C2-TW-0014886-22347-N	C2-TW-0014889-22347-N
					2023-04-28	2023-04-20	2023-04-28	2023-02-08	2023-04-28	2023-03-23	2023-03-23	2023-04-20
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
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	1.50
	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	ND	1.50
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.930	ND	ND	ND	ND	ND	ND	0.430
	Bromoform	--	--	ND	12.6	1.20	0.600	1.20	0.560	0.750	10.8	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	4.20	0.530	0.340	0.540	0.370	0.400	1.70	
	Total Trihalomethanes	80	MCL	ND	17.7	1.73	0.940	1.74	0.930	1.15	12.9	

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		Location ID:	C2-BLDG0397	C2-BLDG1377	C2-BLDG1424S		C2-BLDG1444	C2-BLDG1511	C2-BLDG1602	C2-BLDG1746	
		Location Type:	Non-Residence	Non-Residence	Non-Residence		Non-Residence	Non-Residence	Non-Residence	Non-Residence	
		Address:	Building 397, TELEPHONE EXCHANGE	Building 1377, FLEET TECH SUPPORT (SURFACE)	Building 1424S, IWTC STORAGE		Building 1444, DRYDOCK 4 PROJECT MANAGEMENT	Building 1511, POOL BATHHOUSE/PUMP, 4571 Club Rd	Building 1602, CHAPEL CLASSRMS 1-4	Building 1746, REGION LEGAL SERVICE OFFICE, 850 Willamette St	
		Field Sample ID:	C2-TW-0014890-22347-N	C2-TW-0014903-22347-N	C2-TW-0014908-22347-3-N	C2-TW-0014908-22347-N	C2-TW-0014806-22347-N	C2-TW-0014812-22347-N	C2-TW-0014820-22347-N	C2-TW-0014832-22347-N	
		Sample Date:	2023-02-08	2023-04-24	2023-04-25	2023-04-25	2023-04-20	2023-04-28	2023-02-08	2023-04-28	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	400	400	120	120	180	160	380	340
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	220	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	53.3	64.9	ND	63.3	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	53.3	64.9	ND	63.3	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	0.620	ND	ND	ND
	Barium	2000	MCL	2.30	1.90	4.00	4.20	2.10	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.90	1.70	1.60	1.80	ND	0.680	2.20	0.690
	Copper	1300	MCL	78.9	34.8	36.2	38.8	76.9	112	43.1	87.4
	Lead	15	MCL	0.540	ND	ND	ND	0.390	1.90	0.210	0.180
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	1.60	ND	1.70
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C2-BLDG0397		Location ID: C2-BLDG1377		Location ID: C2-BLDG1424S		Location ID: C2-BLDG1444	Location ID: C2-BLDG1511	Location ID: C2-BLDG1602	Location ID: C2-BLDG1746
				Location Type: Non-Residence	Address: Building 397, TELEPHONE EXCHANGE	Location Type: Non-Residence	Address: Building 1377, FLEET TECH SUPPORT (SURFACE)	Location Type: Non-Residence	Address: Building 1424S, IWTC STORAGE	Location Type: Non-Residence	Address: Building 1444, DRYDOCK 4 PROJECT MANAGEMENT	Location Type: Non-Residence	Address: Building 1511, POOL BATHHOUSE/PUMP, 4571 Club Rd
				Field Sample ID: C2-TW-0014890-22347-N	Field Sample ID: C2-TW-0014903-22347-N	Field Sample ID: C2-TW-0014908-22347-3-N	Field Sample ID: C2-TW-0014908-22347-N	Field Sample ID: C2-TW-0014806-22347-N	Field Sample ID: C2-TW-0014812-22347-N	Field Sample ID: C2-TW-0014820-22347-N	Field Sample ID: C2-TW-0014832-22347-N	Field Sample ID: C2-TW-0014832-22347-N	Field Sample ID: C2-TW-0014832-22347-N
				Sample Date: 2023-02-08	Sample Date: 2023-04-24	Sample Date: 2023-04-25	Sample Date: 2023-04-25	Sample Date: 2023-04-20	Sample Date: 2023-04-28	Sample Date: 2023-02-08	Sample Date: 2023-04-28	Sample Date: 2023-04-28	Sample Date: 2023-04-28
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	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	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
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
	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	0.310	0.370	ND	ND	ND	ND	ND
	Bromoform	--	--	0.500	0.430	2.50	2.80	1.20	0.590	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.280	ND	1.10	1.10	0.460	0.350	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.780	0.430	3.91	4.27	1.66	0.940	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C2-BLDG1750		C2-BLDG1753	C2-BLDG1786
				Location Type: Medical Building		Non-Residence	Non-Residence
				Address: Building 1750, SHIPYARD MEDICAL CLINIC- PEARL HARBOR, 490 Central Ave		Building 1753, TEMP PERSONNEL UNIT- ADMIN, 866 Hale Alii Ave	Building 1786, EXCHANGE SERV OUTLET (FLEET STORE & MWR FAC)
				Field Sample ID: C2-TW-0014833-22347-3-N	C2-TW-0014833-22347-N	C2-TW-0014835-22347-N	C2-TW-0014837-22347-N
				Sample Date: 2023-04-24	2023-04-24	2023-04-28	2023-04-28
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	360	360	400	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.9	57.7	ND	64.6
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	52.9	57.7	ND	64.6
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	2.00	2.40
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.70	0.730	0.630
	Copper	1300	MCL	82.5	90.0	106	29.3
	Lead	15	MCL	0.260	0.350	0.190	2.20
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	1.90	1.50
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	0.0180	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	

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 Zone C2 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - April 2023 from Other Buildings in Zone C2

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C2-BLDG1750		C2-BLDG1753	C2-BLDG1786	
				Location Type: Medical Building	Address: Building 1750, SHIPYARD MEDICAL CLINIC- PEARL HARBOR, 490 Central Ave	Non-Residence	Non-Residence	
				Field Sample ID:	C2-TW-0014833-22347-3-N	C2-TW-0014833-22347-N	C2-TW-0014835-22347-N	C2-TW-0014837-22347-N
				Sample Date:	2023-04-24	2023-04-24	2023-04-28	2023-04-28
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	
trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND		
Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND		

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C2-BLDG1750		C2-BLDG1753	C2-BLDG1786
				Location Type: Medical Building	Address: Building 1750, SHIPYARD MEDICAL CLINIC- PEARL HARBOR, 490 Central Ave	Non-Residence	Non-Residence
				Field Sample ID: C2-TW-0014833-22347-3-N	C2-TW-0014833-22347-N	C2-TW-0014835-22347-N	C2-TW-0014837-22347-N
				Sample Date: 2023-04-24	2023-04-24	2023-04-28	2023-04-28
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	0.450	0.410	ND	0.560
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	ND	ND	0.400
	Total Trihalomethanes	80	MCL	0.720	0.410	ND	0.960

Summary of Chemistry Results
 Zone C2 Long Term Monitoring
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Drinking Water Samples collected in January - April 2023 from Fire Hydrants in Zone C2

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		Location ID:	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD660	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	C2-FH209B	C2-FH204	C2-FH246	Hydrant 303	
		Field Sample ID:	C2-DL-0017792-22347 -N	C2-DL-0017795-22347 -N	C2-DL-0017796-22347 -N	C2-DL-0017797-22347 -N	
		Sample Date:	2023-02-08	2023-02-08	2023-02-08	2023-02-08	
		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	160	60.0	380	190
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	4.60	2.60	2.10	1.90
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.80	0.820	1.80	1.70
	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
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD660
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	C2-FH209B	C2-FH204	C2-FH246	Hydrant 303
				Field Sample ID:	C2-DL-0017792-22347-N	C2-DL-0017795-22347-N	C2-DL-0017796-22347-N	C2-DL-0017797-22347-N
				Sample Date:	2023-02-08	2023-02-08	2023-02-08	2023-02-08
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
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

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		Location ID:	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD660	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	C2-FH209B	C2-FH204	C2-FH246	Hydrant 303	
		Field Sample ID:	C2-DL-0017792-22347 -N	C2-DL-0017795-22347 -N	C2-DL-0017796-22347 -N	C2-DL-0017797-22347 -N	
		Sample Date:	2023-02-08	2023-02-08	2023-02-08	2023-02-08	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.390	ND	ND	ND
	Bromoform	--	--	4.90	3.30	ND	ND
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.50	0.330	ND	ND
	Total Trihalomethanes	80	MCL	6.79	3.63	ND	ND