

Summary of Chemistry Results
Zone C2 Post Residential and Non-Residential Flushing Data
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected During Emergency Response in January to March 2022 from Locations 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
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

		Location ID:		C2-BLDG0035	C2-BLDG0150	C2-BLDG0222	C2-BLDG0226	C2-BLDG0287	C2-BLDG0618	C2-BLDG1315	C2-BLDG1430
		Location Type:		Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
		Address:		Building 35,GARAGE/PWC TRANS, 1675 South Ave	Building 150,ADMINISTRATIV E OFFICE, 850 Ticonderoga St	Building 222,EVENT CENTER, B223 South Ave and 8th St	Building 226,CBMU 303/SELF HELP OPS BLDG	Building 287,ADMIN BLDG, 560 Central Ave	Building 618,NEPMU- 6 LAB-PEARL HARBOR, B618 South Ave	Building 1315,NGIS - NAVY TDY (HALE ALII), 78 Hale Alii Ave	Building 1430,SWOS ELS FACILITY, 1107 South Ave
		Field Sample ID:		220127C2JT03	220127C2ET03	220127C2ET01	220126C2ET03	220126C2ET04	220126C2ET02	220127C2ET02	220126C2ET05
		Sample Date:		2022-01-27	2022-01-27	2022-01-27	2022-01-26	2022-01-26	2022-01-26	2022-01-27	2022-01-26
		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								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	440	2040 §	1940	ND	ND	ND	2960 §	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	130	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	130	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	2.50	1.90	2.20	3.80	2.10	2.10	2.10	5.70
	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	1.40	1.50	1.40	1.50	1.50	1.30	2.20	1.40
	Copper	1300	MCL	58.0	30.3	18.7	12.0	25.0	120	15.3	46.0
	Lead	15	MCL	0.240	0.240	0.320	0.360	0.260	0.830	3.00	0.730
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.430	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	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
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

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				Location ID:	C2-BLDG0035	C2-BLDG0150	C2-BLDG0222	C2-BLDG0226	C2-BLDG0287	C2-BLDG0618	C2-BLDG1315	C2-BLDG1430
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 35,GARAGE/PWC TRANS, 1675 South Ave	Building 150,ADMINISTRATIV E OFFICE, 850 Ticonderoga St	Building 222,EVENT CENTER, B223 South Ave and 8th St	Building 226,CBMU 303/SELF HELP OPS BLDG	Building 287,ADMIN BLDG, 560 Central Ave	Building 618,NEPMU- 6 LAB-PEARL HARBOR, B618 South Ave	Building 1315,NGIS - NAVY TDY (HALE ALII), 78 Hale Alii Ave	Building 1430,SWOS ELS FACILITY, 1107 South Ave
				Field Sample ID:	220127C2JT03	220127C2ET03	220127C2ET01	220126C2ET03	220126C2ET04	220126C2ET02	220127C2ET02	220126C2ET05
				Sample Date:	2022-01-27	2022-01-27	2022-01-27	2022-01-26	2022-01-26	2022-01-26	2022-01-27	2022-01-26
				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	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-BLDG1511	C2-BLDG1709	C2-BLDG1746	C2-BLDG1750	C2-BLDG1753	C2-BLDG1786		
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Medical Building	Non-Residence	Non-Residence		
				Address:	Building 1511,POOL BATHHOUSE/PUMP, 4571 Club Rd	Building 1709,NEX BRAVO 25 LAUNDRY	Building 1746,REGION LEGAL SERVICE OFFICE, 850 Willamette St	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:	220127C2ET06	C2-TW-0014830-22055-N	220127C2ET05	220126C2ET01	220127C2ET04	220127C2JT01	220127C2JT02	C2-TW-0014837-22055-N
				Sample Date:	2022-01-27	2022-02-25	2022-01-27	2022-01-26	2022-01-27	2022-01-27	2022-01-27	2022-02-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	2310 §	--	ND	ND	ND	ND	530	540	--
	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	260	60.1
	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	260 §	60.1
Metals (ppb)	Antimony	6	MCL	ND	--	ND	ND	ND	ND	ND	ND	--
	Arsenic	10	MCL	ND	--	ND	ND	ND	ND	ND	0.210	--
	Barium	2000	MCL	2.00	--	1.90	2.10	1.90	2.60	2.60	--	--
	Beryllium	4	MCL	ND	--	ND	ND	ND	ND	ND	ND	--
	Cadmium	5	MCL	ND	--	ND	ND	ND	0.120	ND	--	--
	Chromium	100	MCL	1.10	--	1.50	1.60	1.40	1.40	1.50	--	--
	Copper	1300	MCL	67.0	--	34.5	150	69.5	56.0	54.0	--	--
	Lead	15	MCL	0.290	--	ND	0.470	ND	0.410	0.360	--	--
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	ND	--	--
	Selenium	50	MCL	ND	--	ND	ND	ND	0.530	0.970	--	--
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	--	ND	ND	ND	0.0670	0.0430	--	--
	1-Methylnaphthalene	10	EAL	ND	--	ND	ND	ND	ND	ND	--	--
	2-Methylnaphthalene	10	EAL	ND	--	ND	ND	ND	ND	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	ND	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	--	ND	ND	ND	ND	ND	--	--
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	--	ND	ND	ND	ND	ND	--	--
	1,1,1-Trichloroethane	--	--	ND	--	ND	ND	ND	ND	ND	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-BLDG1511	C2-BLDG1709	C2-BLDG1746	C2-BLDG1750	C2-BLDG1753	C2-BLDG1786		
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Medical Building	Non-Residence	Non-Residence		
				Address:	Building 1511,POOL BATHHOUSE/PUMP, 4571 Club Rd	Building 1709,NEX BRAVO 25 LAUNDRY	Building 1746,REGION LEGAL SERVICE OFFICE, 850 Willamette St	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:	220127C2ET06	C2-TW-0014830-22055-N	220127C2ET05	220126C2ET01	220127C2ET04	220127C2JT01	220127C2JT02	C2-TW-0014837-22055-N
				Sample Date:	2022-01-27	2022-02-25	2022-01-27	2022-01-26	2022-01-27	2022-01-27	2022-01-27	2022-02-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	--		ND	ND	ND	ND	ND	--
	1,1-Dichloroethene	7	MCL	ND	--		ND	ND	ND	ND	ND	--
	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 (Total)	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	--

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		Location ID:	C2-BLDG1511	C2-BLDG1709	C2-BLDG1746	C2-BLDG1750	C2-BLDG1753	C2-BLDG1786		
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Medical Building	Non-Residence	Non-Residence		
		Address:	Building 1511,POOL BATHHOUSE/PUMP, 4571 Club Rd	Building 1709,NEX BRAVO 25 LAUNDRY	Building 1746,REGION LEGAL SERVICE OFFICE, 850 Willamette St	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:	220127C2ET06	C2-TW-0014830-22055-N	220127C2ET05	220126C2ET01	220127C2ET04	220127C2JT01	220127C2JT02	C2-TW-0014837-22055-N
		Sample Date:	2022-01-27	2022-02-25	2022-01-27	2022-01-26	2022-01-27	2022-01-27	2022-01-27	2022-02-24
		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							
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	--

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				Location ID:	C2-BLDG1786		C2-CROM4955		C2-CROM4969		C2-CROM4997	C2-CROM4999	C2-CROM5004
				Location Type:	Non-Residence		Residence		Residence		Residence	Residence	Residence
				Address:	Building 1786,EXCHANGE SERV OUTLET (FLEET STORE & MWR FAC)		4955 Crommelin Street		4969 Crommelin Street		4997 Crommelin Street	4999 Crommelin Street	5004 Crommelin Street
				Field Sample ID:	C2-TW-0014837- 22055-N-1	C2-TW-0014837- 22055-N-R1	220126C3GT09		220126C3KT01	220126C3KT02	220126C2BT06	220126C2BT05	220126C2CT03
				Sample Date:	2022-02-26	2022-02-26	2022-01-26		2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26
				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										
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	--	500	633	ND	530	540	200		
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		
	Arsenic	10	MCL	--	--	ND	ND	ND	ND	ND	ND		
	Barium	2000	MCL	--	--	1.90	2.10	2.30	2.00	2.00	2.10		
	Beryllium	4	MCL	--	--	ND	ND	ND	ND	ND	ND		
	Cadmium	5	MCL	--	--	ND	ND	ND	ND	ND	ND		
	Chromium	100	MCL	--	--	1.40	1.60	1.30	1.30	1.70	1.50		
	Copper	1300	MCL	--	--	20.3	27.0	22.0	28.1	23.0	79.1		
	Lead	15	MCL	--	--	0.340	0.490	0.410	0.270	1.70	0.690		
	Mercury	2	MCL	--	--	ND	ND	ND	ND	ND	ND		
	Selenium	50	MCL	--	--	ND	ND	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	--	--	ND	ND	ND	ND	ND	ND		
	1-Methylnaphthalene	10	EAL	--	--	ND	ND	ND	ND	ND	ND		
	2-Methylnaphthalene	10	EAL	--	--	ND	ND	ND	ND	ND	ND		
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	ND	ND	ND	ND		
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	ND	ND	ND	ND	ND	ND		
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	--	ND	ND	ND	ND	ND	ND		
	1,1,1-Trichloroethane	--	--	--	--	ND	ND	ND	ND	ND	ND		

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				Location ID:	C2-BLDG1786		C2-CROM4955		C2-CROM4969		C2-CROM4997	C2-CROM4999	C2-CROM5004
				Location Type:	Non-Residence		Residence		Residence		Residence	Residence	Residence
				Address:	Building 1786,EXCHANGE SERV OUTLET (FLEET STORE & MWR FAC)		4955 Crommelin Street		4969 Crommelin Street		4997 Crommelin Street	4999 Crommelin Street	5004 Crommelin Street
				Field Sample ID:	C2-TW-0014837- 22055-N-1	C2-TW-0014837- 22055-N-R1	220126C3GT09		220126C3KT01	220126C3KT02	220126C2BT06	220126C2BT05	220126C2CT03
				Sample Date:	2022-02-26	2022-02-26	2022-01-26		2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)		N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	1,1,2-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 (Total)	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

Summary of Chemistry Results
Zone C2 Post Residential and Non-Residential Flushing Data
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	C2-BLDG1786		C2-CROM4955	C2-CROM4969		C2-CROM4997	C2-CROM4999	C2-CROM5004
		Location Type:	Non-Residence		Residence	Residence		Residence	Residence	Residence
		Address:	Building 1786,EXCHANGE SERV OUTLET (FLEET STORE & MWR FAC)		4955 Crommelin Street	4969 Crommelin Street		4997 Crommelin Street	4999 Crommelin Street	5004 Crommelin Street
		Field Sample ID:	C2-TW-0014837- 22055-N-1	C2-TW-0014837- 22055-N-R1	220126C3GT09	220126C3KT01	220126C3KT02	220126C2BT06	220126C2BT05	220126C2CT03
		Sample Date:	2022-02-26	2022-02-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26
		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	--	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL							

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		Location ID:		C2-CROM5022		C2-CROM5032	C2-CROM5038		C2-CROM5044	C2-HALE4509	C2-HALE4559
		Location Type:		Residence		Residence	Residence		Residence	Residence	Residence
		Address:		5022 Crommelin Street		5032 Crommelin Street	5038 Crommelin Street		5044 Crommelin Street	4509 Hale Alii Avenue	4559 Hale Alii Avenue
		Field Sample ID:		220126C2CT01	220126C2CT02	220126C2BT04	220126C2BT01	220126C2BT02	220126C2BT03	220127C2HT08	220127C2HT09
		Sample Date:		2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-27	2022-01-27
		Sample Type:		N (Normal)	FD (Field Duplicate)	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								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	550	ND	620	560	550	550	1550	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	2.20	2.00	2.20	2.10	2.10	2.10	1.90	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	1.50	1.50	1.30	1.40	1.40	1.40	1.80	1.80
	Copper	1300	MCL	19.2	21.4	45.0	18.5	18.4	54.2	35.0	110
	Lead	15	MCL	ND	ND	0.260	ND	ND	0.230	0.670	0.380
	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	0.0580	ND	ND	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
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-CROM5022		C2-CROM5032	C2-CROM5038		C2-CROM5044	C2-HALE4509	C2-HALE4559
				Location Type:	Residence		Residence	Residence		Residence	Residence	Residence
				Address:	5022 Crommelin Street		5032 Crommelin Street	5038 Crommelin Street		5044 Crommelin Street	4509 Hale Alii Avenue	4559 Hale Alii Avenue
				Field Sample ID:	220126C2CT01	220126C2CT02	220126C2BT04	220126C2BT01	220126C2BT02	220126C2BT03	220127C2HT08	220127C2HT09
				Sample Date:	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-26	2022-01-27	2022-01-27
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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 (Total)	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

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		Location ID:		C2-HALE4639		C2-HALE4651	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD424	
		Location Type:		Residence		Residence	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:		4639 Hale Alii Avenue		4651 Hale Alii Avenue	C2-FH209B	C2-FH204	C2-FH246	FH ID: 315	
		Field Sample ID:		220126C2DT01	220126C2DT02	220126C2CT04	220116-C2-WT03	220116-C2-WT02	220116-C2-WT01	20220108-C2-TY03	220107-C2-YT02
		Sample Date:		2022-01-26	2022-01-26	2022-01-26	2022-01-16	2022-01-16	2022-01-16	2022-01-08	2022-01-07
		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								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	250	ND	270	--	1690	ND	246	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	61.0
	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	61.0
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	--
	Arsenic	10	MCL	ND	ND	ND	0.221	0.217	0.212	0.0868	--
	Barium	2000	MCL	2.10	2.20	2.10	3.08	3.41	1.84	1.80	--
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	--
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	--
	Chromium	100	MCL	1.30	1.50	1.50	1.47	0.542	1.52	1.18	--
	Copper	1300	MCL	77.0	80.3	70.1	2.23	1.17	9.75	17.8	--
	Lead	15	MCL	0.530	0.400	1.10	0.263	0.194	ND	2.53	--
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	--
	Selenium	50	MCL	ND	ND	ND	0.628	0.472	1.20	0.222	--
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	--	--	--	--	--	--	--	ND
	1,2-Dichlorobenzene	600	MCL	--	--	--	--	--	--	--	ND
	1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	ND
	1,4-Dichlorobenzene	75	MCL	--	--	--	--	--	--	--	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	0.00809	ND	0.0113	--
	2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	ND
	2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	ND
	2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	ND
	2-Ethylhexyl adipate	--	--	--	--	--	ND	ND	ND	ND	--

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				Location ID:	C2-HALE4639		C2-HALE4651	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD424	
				Location Type:	Residence		Residence	Hydrant	Hydrant	Hydrant	Hydrant	
				Address:	4639 Hale Alii Avenue		4651 Hale Alii Avenue	C2-FH209B	C2-FH204	C2-FH246	FH ID: 315	
				Field Sample ID:	220126C2DT01	220126C2DT02	220126C2CT04	220116-C2-WT03	220116-C2-WT02	220116-C2-WT01	20220108-C2-TY03	220107-C2-YT02
				Sample Date:	2022-01-26	2022-01-26	2022-01-26	2022-01-16	2022-01-16	2022-01-16	2022-01-08	2022-01-07
				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									
Synthetic Organic Compounds (ppb)	2-Methylnaphthalene	10	EAL	ND	ND		ND	ND	ND	ND	ND	--
	2-Nitroaniline	--	--	--	--		--	--	--	--	--	ND
	3,3'-Dichlorobenzidine	--	--	--	--		--	--	--	--	--	ND
	3-Nitroaniline	--	--	--	--		--	--	--	--	--	ND
	4-Bromophenyl phenyl ether	--	--	--	--		--	--	--	--	--	ND
	4-Chloroaniline	--	--	--	--		--	--	--	--	--	ND
	4-Chlorophenyl phenyl ether	--	--	--	--		--	--	--	--	--	ND
	4-Nitroaniline	--	--	--	--		--	--	--	--	--	ND
	Acenaphthene	--	--	--	--		--	--	--	--	--	ND
	Acenaphthylene	--	--	--	--		--	--	--	--	--	ND
	Alachlor	--	--	--	--		--	ND	ND	ND	ND	--
	Anthracene	--	--	--	--		--	--	--	--	--	ND
	Atrazine	--	--	--	--		--	ND	ND	ND	ND	--
	Benzo(a)anthracene	--	--	--	--		--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND		ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	--		--	--	--	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--		--	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--		--	--	--	--	--	ND
	Benzyl butyl phthalate	--	--	--	--		--	--	--	--	--	ND
	Bis(2-chloroethoxy)methane	--	--	--	--		--	--	--	--	--	ND
	Bis(2-chloroethyl) ether (2-Chloroethyl ether)	--	--	--	--		--	--	--	--	--	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND		ND	ND	ND	ND	ND	ND
	Carbazole	--	--	--	--		--	--	--	--	--	ND
	Chlordane	--	--	--	--		--	ND	ND	ND	ND	--
	Chrysene	--	--	--	--		--	--	--	--	--	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HALE4639		C2-HALE4651	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD424	
				Location Type:	Residence		Residence	Hydrant	Hydrant	Hydrant	Hydrant	
				Address:	4639 Hale Alii Avenue		4651 Hale Alii Avenue	C2-FH209B	C2-FH204	C2-FH246	FH ID: 315	
				Field Sample ID:	220126C2DT01	220126C2DT02	220126C2CT04	220116-C2-WT03	220116-C2-WT02	220116-C2-WT01	20220108-C2-TY03	220107-C2-YT02
				Sample Date:	2022-01-26	2022-01-26	2022-01-26	2022-01-16	2022-01-16	2022-01-16	2022-01-08	2022-01-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	--	ND
	Dibenzofuran	--	--	--	--	--	--	--	--	--	--	ND
	Diethyl phthalate	--	--	--	--	--	--	--	--	--	--	ND
	Dimethyl phthalate	--	--	--	--	--	--	--	--	--	--	ND
	di-n-Butyl phthalate	--	--	--	--	--	--	--	--	--	--	10.0
	di-n-Octyl phthalate	--	--	--	--	--	--	--	--	--	--	ND
	Endrin	--	--	--	--	--	--	ND	ND	ND	ND	--
	Fluoranthene	--	--	--	--	--	--	--	--	--	--	ND
	Fluorene	--	--	--	--	--	--	--	--	--	--	ND
	gamma-BHC (Lindane)	--	--	--	--	--	--	ND	ND	ND	ND	--
	Heptachlor	--	--	--	--	--	--	ND	ND	ND	ND	--
	Heptachlor epoxide	--	--	--	--	--	--	ND	ND	ND	ND	--
	Hexachlorobenzene	--	--	--	--	--	--	ND	ND	ND	ND	ND
	Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	--	ND
	Hexachlorocyclopentadiene	--	--	--	--	--	--	ND	ND	ND	ND	--
	Hexachloroethane	--	--	--	--	--	--	--	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	--	--	ND
	Isophorone	--	--	--	--	--	--	--	--	--	--	ND
	Methoxychlor	--	--	--	--	--	--	ND	ND	ND	ND	--
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	0.0160	ND	ND
	Nitrobenzene	--	--	--	--	--	--	--	--	--	--	ND
	N-Nitrosodi-n-propylamine	--	--	--	--	--	--	--	--	--	--	ND
	N-Nitrosodiphenylamine	--	--	--	--	--	--	--	--	--	--	ND
	PCB, Total	--	--	--	--	--	--	ND	ND	ND	ND	--
	PCB-1016 (Aroclor 1016)	--	--	--	--	--	--	ND	ND	ND	ND	--

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		Location ID:	C2-HALE4639		C2-HALE4651	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD424	
		Location Type:	Residence		Residence	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	4639 Hale Alii Avenue		4651 Hale Alii Avenue	C2-FH209B	C2-FH204	C2-FH246	FH ID: 315	
		Field Sample ID:	220126C2DT01	220126C2DT02	220126C2CT04	220116-C2-WT03	220116-C2-WT02	220116-C2-WT01	20220108-C2-TY03	220107-C2-YT02
		Sample Date:	2022-01-26	2022-01-26	2022-01-26	2022-01-16	2022-01-16	2022-01-16	2022-01-08	2022-01-07
		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							
Synthetic Organic Compounds (ppb)	PCB-1221 (Aroclor 1221)	--	--	--	--	--	ND	ND	ND	--
	PCB-1232 (Aroclor 1232)	--	--	--	--	--	ND	ND	ND	--
	PCB-1242 (Aroclor 1242)	--	--	--	--	--	ND	ND	ND	--
	PCB-1248 (Aroclor 1248)	--	--	--	--	--	ND	ND	ND	--
	PCB-1254 (Aroclor 1254)	--	--	--	--	--	ND	ND	ND	--
	PCB-1260 (Aroclor 1260)	--	--	--	--	--	ND	ND	ND	--
	Pentachlorophenol	1	MCL	--	--	--	ND	ND	ND	--
	Phenanthrene	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	ND
	Simazine	--	--	--	--	--	ND	ND	ND	--
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	--
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	--
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	--
	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 (Total)	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	--

Summary of Chemistry Results
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	C2-HALE4639		C2-HALE4651	C2-HYD1230	C2-HYD2089	C2-HYD421	C2-HYD424	
		Location Type:	Residence		Residence	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	4639 Hale Alii Avenue		4651 Hale Alii Avenue	C2-FH209B	C2-FH204	C2-FH246	FH ID: 315	
		Field Sample ID:	220126C2DT01	220126C2DT02	220126C2CT04	220116-C2-WT03	220116-C2-WT02	220116-C2-WT01	20220108-C2-TY03	220107-C2-YT02
		Sample Date:	2022-01-26	2022-01-26	2022-01-26	2022-01-16	2022-01-16	2022-01-16	2022-01-08	2022-01-07
		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							
Volatile Organic Compounds (ppb)	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	--

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		Location ID:		C2-HYD424	C2-HYD650	C2-HYD656	C2-HYD660	C2-MARIO202	C2-MARIO203	C2-MARIO204A	
		Location Type:		Hydrant	Hydrant	Hydrant	Hydrant	Residence	Residence	Residence	
		Address:		FH ID: 315	Hydrant 268	Hydrant 301	Hydrant 303	202 Marine Barracks Way	203 Marine Barracks Way	204A Marine Barracks Way	
		Field Sample ID:		220203C2ZT02	220116-C2-VT02	220116-C2-VT03	220116-C2-VT04	220126C2DT03	220127C2HT11	220126C2DT04	220128C2JT01
		Sample Date:		2022-02-03	2022-01-16	2022-01-16	2022-01-16	2022-01-26	2022-01-27	2022-01-26	2022-01-28
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	ND	2080 §	3070 §	530	ND	570	540
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	0.340	ND
	Arsenic	10	MCL	--	0.231	0.254	0.232	ND	ND	ND	ND
	Barium	2000	MCL	--	2.26	1.33	1.89	2.20	2.20	2.40	2.50
	Beryllium	4	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	--	1.49	0.964	1.46	1.40	1.70	1.50	1.10
	Copper	1300	MCL	--	5.83	3.36	2.89	42.0	81.0	208	48.0
	Lead	15	MCL	--	0.609	0.299	0.175	0.170	0.180	2.50	0.360
	Mercury	2	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	--	1.19	1.17	1.16	ND	ND	ND	0.440
	Thallium	2	MCL	--	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	--	--	--	--	--	--	--
	1,2-Dichlorobenzene	600	MCL	ND	--	--	--	--	--	--	--
	1,3-Dichlorobenzene	--	--	ND	--	--	--	--	--	--	--
	1,4-Dichlorobenzene	75	MCL	ND	--	--	--	--	--	--	--
	1-Methylnaphthalene	10	EAL	--	0.0163	0.00962	0.00997	ND	ND	ND	ND
	2,4-Dinitrotoluene	--	--	ND	--	--	--	--	--	--	--
	2,6-Dinitrotoluene	--	--	ND	--	--	--	--	--	--	--
	2-Chloronaphthalene	--	--	ND	--	--	--	--	--	--	--
	2-Ethylhexyl adipate	--	--	--	ND	ND	ND	--	--	--	--

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		Location ID:		C2-HYD424	C2-HYD650	C2-HYD656	C2-HYD660	C2-MARIO202	C2-MARIO203	C2-MARIO204A	
		Location Type:		Hydrant	Hydrant	Hydrant	Hydrant	Residence	Residence	Residence	
		Address:		FH ID: 315	Hydrant 268	Hydrant 301	Hydrant 303	202 Marine Barracks Way	203 Marine Barracks Way	204A Marine Barracks Way	
		Field Sample ID:		220203C2ZT02	220116-C2-VT02	220116-C2-VT03	220116-C2-VT04	220126C2DT03	220127C2HT11	220126C2DT04	220128C2JT01
		Sample Date:		2022-02-03	2022-01-16	2022-01-16	2022-01-16	2022-01-26	2022-01-27	2022-01-26	2022-01-28
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	2-Methylnaphthalene	10	EAL	--	ND	ND	ND	ND	ND	ND	ND
	2-Nitroaniline	--	--	ND	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	--	--	ND	--	--	--	--	--	--	--
	3-Nitroaniline	--	--	ND	--	--	--	--	--	--	--
	4-Bromophenyl phenyl ether	--	--	ND	--	--	--	--	--	--	--
	4-Chloroaniline	--	--	ND	--	--	--	--	--	--	--
	4-Chlorophenyl phenyl ether	--	--	ND	--	--	--	--	--	--	--
	4-Nitroaniline	--	--	ND	--	--	--	--	--	--	--
	Acenaphthene	--	--	ND	--	--	--	--	--	--	--
	Acenaphthylene	--	--	ND	--	--	--	--	--	--	--
	Alachlor	--	--	--	ND	ND	ND	--	--	--	--
	Anthracene	--	--	ND	--	--	--	--	--	--	--
	Atrazine	--	--	--	ND	ND	ND	--	--	--	--
	Benzo(a)anthracene	--	--	ND	--	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	ND	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	ND	--	--	--	--	--	--	--
	Benzyl butyl phthalate	--	--	ND	--	--	--	--	--	--	--
	Bis(2-chloroethoxy)methane	--	--	ND	--	--	--	--	--	--	--
	Bis(2-chloroethyl) ether (2-Chloroethyl ether)	--	--	ND	--	--	--	--	--	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbazole	--	--	ND	--	--	--	--	--	--	--
	Chlordane	--	--	--	ND	ND	ND	--	--	--	--
	Chrysene	--	--	ND	--	--	--	--	--	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HYD424	C2-HYD650	C2-HYD656	C2-HYD660	C2-MARIO202	C2-MARIO203	C2-MARIO204A	
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Residence	Residence	Residence	
				Address:	FH ID: 315	Hydrant 268	Hydrant 301	Hydrant 303	202 Marine Barracks Way	203 Marine Barracks Way	204A Marine Barracks Way	
				Field Sample ID:	220203C2ZT02	220116-C2-VT02	220116-C2-VT03	220116-C2-VT04	220126C2DT03	220127C2HT11	220126C2DT04	220128C2JT01
				Sample Date:	2022-02-03	2022-01-16	2022-01-16	2022-01-16	2022-01-26	2022-01-27	2022-01-26	2022-01-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	--	--	--	--	--	--	--	--
	Dibenzofuran	--	--	ND	--	--	--	--	--	--	--	--
	Diethyl phthalate	--	--	0.150	--	--	--	--	--	--	--	--
	Dimethyl phthalate	--	--	ND	--	--	--	--	--	--	--	--
	di-n-Butyl phthalate	--	--	0.790	--	--	--	--	--	--	--	--
	di-n-Octyl phthalate	--	--	ND	--	--	--	--	--	--	--	--
	Endrin	--	--	--	ND	ND	ND	ND	--	--	--	--
	Fluoranthene	--	--	ND	--	--	--	--	--	--	--	--
	Fluorene	--	--	ND	--	--	--	--	--	--	--	--
	gamma-BHC (Lindane)	--	--	--	ND	ND	ND	ND	--	--	--	--
	Heptachlor	--	--	--	ND	ND	ND	ND	--	--	--	--
	Heptachlor epoxide	--	--	--	ND	ND	ND	ND	--	--	--	--
	Hexachlorobenzene	--	--	ND	ND	ND	ND	ND	--	--	--	--
	Hexachlorobutadiene	--	--	ND	--	--	--	--	--	--	--	--
	Hexachlorocyclopentadiene	--	--	ND	ND	ND	ND	ND	--	--	--	--
	Hexachloroethane	--	--	ND	--	--	--	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	--	--	--	--
	Isophorone	--	--	ND	--	--	--	--	--	--	--	--
	Methoxychlor	--	--	--	ND	ND	ND	ND	--	--	--	--
	Naphthalene	17	EAL	ND	0.0183	0.0122	0.0174	ND	ND	ND	ND	ND
	Nitrobenzene	--	--	ND	--	--	--	--	--	--	--	--
	N-Nitrosodi-n-propylamine	--	--	ND	--	--	--	--	--	--	--	--
	N-Nitrosodiphenylamine	--	--	ND	--	--	--	--	--	--	--	--
	PCB, Total	--	--	--	ND	ND	ND	ND	--	--	--	--
	PCB-1016 (Aroclor 1016)	--	--	--	ND	ND	ND	ND	--	--	--	--

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		Location ID:	C2-HYD424	C2-HYD650	C2-HYD656	C2-HYD660	C2-MARIO202	C2-MARIO203	C2-MARIO204A	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Residence	Residence	Residence	
		Address:	FH ID: 315	Hydrant 268	Hydrant 301	Hydrant 303	202 Marine Barracks Way	203 Marine Barracks Way	204A Marine Barracks Way	
		Field Sample ID:	220203C2ZT02	220116-C2-VT02	220116-C2-VT03	220116-C2-VT04	220126C2DT03	220127C2HT11	220126C2DT04	220128C2JT01
		Sample Date:	2022-02-03	2022-01-16	2022-01-16	2022-01-16	2022-01-26	2022-01-27	2022-01-26	2022-01-28
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	PCB-1221 (Aroclor 1221)	--	--	--	ND	ND	ND	--	--	--
	PCB-1232 (Aroclor 1232)	--	--	--	ND	ND	ND	--	--	--
	PCB-1242 (Aroclor 1242)	--	--	--	ND	ND	ND	--	--	--
	PCB-1248 (Aroclor 1248)	--	--	--	ND	ND	ND	--	--	--
	PCB-1254 (Aroclor 1254)	--	--	--	ND	ND	ND	--	--	--
	PCB-1260 (Aroclor 1260)	--	--	--	ND	ND	ND	--	--	--
	Pentachlorophenol	1	MCL	--	ND	ND	ND	--	--	--
	Phenanthrene	--	--	ND	--	--	--	--	--	--
	Pyrene	--	--	ND	--	--	--	--	--	--
	Simazine	--	--	--	ND	ND	ND	--	--	--
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	--	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	--	ND	ND	ND	ND	ND	ND
	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 (Total)	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

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		Location ID:		C2-HYD424	C2-HYD650	C2-HYD656	C2-HYD660	C2-MARIO202	C2-MARIO203	C2-MARIO204A	
		Location Type:		Hydrant	Hydrant	Hydrant	Hydrant	Residence	Residence	Residence	
		Address:		FH ID: 315	Hydrant 268	Hydrant 301	Hydrant 303	202 Marine Barracks Way	203 Marine Barracks Way	204A Marine Barracks Way	
		Field Sample ID:		220203C2ZT02	220116-C2-VT02	220116-C2-VT03	220116-C2-VT04	220126C2DT03	220127C2HT11	220126C2DT04	220128C2JT01
		Sample Date:		2022-02-03	2022-01-16	2022-01-16	2022-01-16	2022-01-26	2022-01-27	2022-01-26	2022-01-28
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Volatile Organic Compounds (ppb)	Methylene chloride	5	MCL	--	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	--	ND	ND	ND	ND	ND	ND	ND

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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

		<div>Location ID: C2-MARIO204A Location Type: Residence Address: 204A Marine Barracks Way Field Sample ID: 220128C2JT02 Sample Date: 2022-01-28 Sample Type: FD (72 Hour Stagnation)</div>				
		<div>C2-MARIO204B Residence 204B Marine Barracks Way 220126C2ET06 2022-01-26 N (Normal)</div>				
		<div>C2-SAFE2124 Residence 2124 Safeguard Street 220127C2HT10 2022-01-27 N (Normal)</div>				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	490	460	1670
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	2.50	2.20	2.00
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	1.10	1.30	1.80
	Copper	1300	MCL	48.0	28.8	47.0
	Lead	15	MCL	0.310	0.230	0.380
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	0.450	ND	ND
	Thallium	2	MCL	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND

Summary of Chemistry Results
Zone C2 Post Residential and Non-Residential Flushing Data
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected During Emergency Response in January to March 2022 from Locations 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
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	C2-MARIO204A	C2-MARIO204B	C2-SAFE2124
		Location Type:	Residence	Residence	Residence
		Address:	204A Marine Barracks Way	204B Marine Barracks Way	2124 Safeguard Street
		Field Sample ID:	220128C2JT02	220126C2ET06	220127C2HT10
		Sample Date:	2022-01-28	2022-01-26	2022-01-27
		Sample Type:	FD (72 Hour Stagnation)	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
	1,2-Dichlorobenzene	600	MCL	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND
	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND