

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
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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)	2-Methylnaphthalene	10	EAL	--	ND	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	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	ND
	Carbazole	--	--	ND	--	--	--	--	--	--	--	--
	Chlordane	--	--	--	ND	ND	ND	--	--	--	--	--
	Chrysene	--	--	ND	--	--	--	--	--	--	--	--

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				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	
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		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
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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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				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)
Volatile Organic Compounds (ppb)	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	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)
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	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	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)
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 (Total)	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		