

Summary of Chemistry Results
Zone I1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June 2023 from Residences in Zone I1

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:	I1-COWS1602
				Location Type:	Residence
				Address:	1602 Cowslip Lane
				Field Sample ID:	I1-TW-0014072-23130 -A-T
				Sample Date:	2023-06-30
				Sample Type:	N (Normal)
					I1-TAMP1612
					Residence
					1612 Tampa Drive
					I1-TW-0014030-23130 -A-T
					2023-06-30
					N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Field Test (ppb)	Free Chlorine	4000	MCL	420	390
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	67.0	74.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	67.0	74.4
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	3.50	3.50
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	2.00	2.00
	Copper	1300	MCL	1.30	1.60
	Lead	15	MCL	0.250	ND
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	ND	ND
	Thallium	2	MCL	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
	Naphthalene	17	EAL	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND

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		Sample Type:		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
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	1.10	ND
	Dichloroacetic acid	--	--	ND	ND

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Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	1.10	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.620	0.680
	Bromoform	--	--	4.70	4.60
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	2.50	2.40
	Total Trihalomethanes	80	MCL	7.82	7.68