

Summary of Chemistry Results
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June 2023 from Residences in Zone A2

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

		<div>Location ID: A2-DAUN4913 Location Type: Residence Address: 4913 Dauntless Drive Field Sample ID: A2-TW-0000385-23145-N-T Sample Date: 2023-06-27 Sample Type: N (Normal)</div>				
		<div>A2-LEXI4678 Residence 4678 Lexington Boulevard A2-TW-0001985-23145-N-T 2023-06-27 N (Normal)</div>				
		<div>A2-OKLA4669 Residence 4669 Oklahoma Avenue A2-TW-0002019-23145-N-T 2023-06-27 N (Normal)</div>				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Field Test (ppb)	Free Chlorine	4000	MCL	80.0	500	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	980	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	61.3	62.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	61.3	62.9
Metals (ppb)	Antimony	6	MCL	0.120	ND	0.100
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	2.00	1.90	1.90
	Copper	1300	MCL	146	7.70	11.4
	Lead	15	MCL	0.470	0.370	0.580
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND
	Thallium	2	MCL	0.0550	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	0.0160	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

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				Location Type:	Residence	Residence	Residence
				Address:	4913 Dauntless Drive	4678 Lexington Boulevard	4669 Oklahoma Avenue
				Field Sample ID:	A2-TW-0000385-23145-N-T	A2-TW-0001985-23145-N-T	A2-TW-0002019-23145-N-T
				Sample Date:	2023-06-27	2023-06-27	2023-06-27
				Sample Type:	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	
	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	
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
Chloroacetic acid		--	--	ND	ND	ND	

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		Sample Date:	2023-06-27	2023-06-27	2023-06-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.370	ND
	Bromoform	--	--	1.20	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	0.950	ND
	Total Trihalomethanes	80	MCL	2.52	ND

Summary of Chemistry Results
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Drinking Water Samples collected in June 2023 from Other Buildings in Zone A2

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N (Grab, Resample) = Additional follow-up sample					
				Location ID:	A2-BLDG0087
				Location Type:	Non-Residence
				Address:	Building 87,NMCI BUILDING
				Field Sample ID:	A2-TW-0014278-23145-N-T
				Sample Date:	2023-06-27
				Sample Type:	N (Normal)
					A2-BLDG089A
					Non-Residence
					Building 89A,FORD ISLAND CONFERENCE CTR, 89 Hornet Ave
					A2-TW-0014328-23145-N-T
					2023-06-27
					N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	430
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.9	63.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	55.9	63.1
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	1.90	2.50
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	2.00	2.00
	Copper	1300	MCL	47.8	52.3
	Lead	15	MCL	0.350	0.140
	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND
	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

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Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	1.40	0.950
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	0.530	0.520
	Total Trihalomethanes	80	MCL	1.93	1.47