

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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

		Location ID:	A1-ALOH1602	A1-ALOH1606	A1-ALOH1609	A1-ALOH1612	A1-ALOH1626	A1-ALOH1627	A1-ALOH1628	A1-ALOH1642	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1602 Aloha Avenue	1606 Aloha Avenue	1609 Aloha Avenue	1612 Aloha Avenue	1626 Aloha Avenue	1627 Aloha Avenue	1628 Aloha Avenue	1642 Aloha Avenue	
		Field Sample ID:	A1-TW-0001563-23319-N	A1-TW-0001567-23319-N	A1-TW-0001569-23319-N	A1-TW-0001572-23319-N	A1-TW-0001586-23319-N	A1-TW-0001587-23319-N	A1-TW-0001588-23319-N	A1-TW-0001595-23319-N	
		Sample Date:	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15	
		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								
Field Test (ppb)	Free Chlorine	4000	MCL	460	250	90.0	310	450	410	460	190
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	98.5	ND	ND	ND	71.5	96.5
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	98.5	ND	ND	ND	71.5	96.5
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.560	ND	ND	ND	0.560	ND	0.530	0.580
	Barium	2000	MCL	1.90	1.90	1.20	2.10	1.90	2.00	1.80	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	0.830	ND	ND	0.800	0.750	ND	0.870	0.800
	Copper	1300	MCL	24.6	15.9	11.0	34.6	19.6	13.2	16.8	16.3
	Lead	15	MCL	ND	ND	ND	0.130	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.330	1.30	ND	ND	ND	1.60	0.330	0.530
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0650	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	0.0280
	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
	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

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		Location ID:	A1-ALOH1602	A1-ALOH1606	A1-ALOH1609	A1-ALOH1612	A1-ALOH1626	A1-ALOH1627	A1-ALOH1628	A1-ALOH1642
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1602 Aloha Avenue	1606 Aloha Avenue	1609 Aloha Avenue	1612 Aloha Avenue	1626 Aloha Avenue	1627 Aloha Avenue	1628 Aloha Avenue	1642 Aloha Avenue
		Field Sample ID:	A1-TW-0001563-23319-N	A1-TW-0001567-23319-N	A1-TW-0001569-23319-N	A1-TW-0001572-23319-N	A1-TW-0001586-23319-N	A1-TW-0001587-23319-N	A1-TW-0001588-23319-N	A1-TW-0001595-23319-N
		Sample Date:	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15
		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)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	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	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
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		Sample Date:	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15
		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							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND

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		Location ID:		A1-ASHL5012		A1-ASHL5118		A1-ASHL5124		A1-AUST0187		A1-AUST0207		A1-CURT0101	
		Location Type:		Residence		Residence		Residence		Residence		Residence		Residence	
		Address:		5012 Ashley Avenue		5118 Ashley Avenue		5124 Ashley Avenue		187 Austin Court		207 Austin Court		101 Curtis Court	
		Field Sample ID:		A1-TW-0001290-23319-3-N	A1-TW-0001290-23319-N	A1-TW-0001299-23319-N	A1-TW-0001218-23319-N	A1-TW-0001597-23319-N	A1-TW-0001607-23319-N	A1-TW-0001227-23319-N	A1-TW-0001227-23319-N-P				
		Sample Date:		2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15				
		Sample Type:		FD (Field Duplicate)	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												
Field Test (ppb)	Free Chlorine	4000	MCL	480	480	570	90.0	390	230	540	540				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND				
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	68.4	68.7	64.0	103	64.3	ND	ND				
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	266	ISP	ND	68.4	68.7	64.0	103	64.3	ND	ND				
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Arsenic	10	MCL	0.530	0.510	0.590	0.540	ND	0.520	0.550	ND				
	Barium	2000	MCL	2.00	2.00	2.00	1.90	1.90	2.10	2.00	2.00				
	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	0.710	0.850	0.820	0.840	0.810	0.900	0.810	ND				
	Copper	1300	MCL	13.7	13.7	11.7	13.8	18.5	17.3	15.1	15.8				
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Selenium	50	MCL	ND	ND	0.350	ND	ND	0.300	ND	1.70				
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0530	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	0.0320	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				

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		Location ID: A1-ASHL5012		A1-ASHL5118		A1-ASHL5124		A1-AUST0187		A1-AUST0207		A1-CURT0101	
		Residence		Residence		Residence		Residence		Residence		Residence	
		5012 Ashley Avenue		5118 Ashley Avenue		5124 Ashley Avenue		187 Austin Court		207 Austin Court		101 Curtis Court	
		A1-TW-0001290-23319-3-N		A1-TW-0001290-23319-N		A1-TW-0001299-23319-N		A1-TW-0001218-23319-N		A1-TW-0001597-23319-N		A1-TW-0001607-23319-N	
		2024-01-15		2024-01-15		2024-01-15		2024-01-15		2024-01-15		2024-01-15	
		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										
Volatile Organic Compounds (ppb)	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	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				5012 Ashley Avenue		5118 Ashley Avenue	5124 Ashley Avenue	187 Austin Court	207 Austin Court	101 Curtis Court	
				A1-TW-0001290-23319-3-N	A1-TW-0001290-23319-N	A1-TW-0001299-23319-N	A1-TW-0001218-23319-N	A1-TW-0001597-23319-N	A1-TW-0001607-23319-N	A1-TW-0001227-23319-N	A1-TW-0001227-23319-N-P
				2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-15
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.300	0.280	0.280	ND	ND	0.380	0.300	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.250	ND	ND	ND	ND	0.310	0.260	ND
	Total Trihalomethanes	80	MCL	0.550	0.280	0.280	ND	ND	0.690	0.560	ND

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		Location ID:	A1-CURT0117	A1-CURT0127	A1-CURT0139	A1-CURT0147	A1-CURT0171	A1-CURT0175	A1-ETCE0245	A1-ETCE0269	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	117 Curtis Court	127 Curtis Court	139 Curtis Court	147 Curtis Court	171 Curtis Court	175 Curtis Court	245 Etccl Court	269 Etccl Court	
		Field Sample ID:	A1-TW-0001267-23319-N	A1-TW-0001272-23319-N	A1-TW-0001302-23319-N	A1-TW-0001305-23319-N	A1-TW-0000467-23319-N	A1-TW-0001317-23319-N	A1-TW-0001229-23319-N	A1-TW-0001237-23319-N	
		Sample Date:	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-22	2024-01-15	2024-02-12	
		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	610	330	560	420	470	190	560	460
Field Test (ppb)	Free Chlorine	4000	MCL	610	330	560	420	470	190	560	460
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	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	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	0.540	0.550	ND	0.520	0.560	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	2.00	2.00	1.90	2.00	1.90	2.00
	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	0.770	0.760	ND	0.910	0.960	ND	0.790	ND
	Copper	1300	MCL	18.4	16.3	11.8	22.7	20.1	25.9	17.8	21.7
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.410	ND	1.60	0.420	0.420	1.00	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0730	ND	0.0710
	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
	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

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Zone A1 Long Term Monitoring
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		Location ID:	A1-CURT0117	A1-CURT0127	A1-CURT0139	A1-CURT0147	A1-CURT0171	A1-CURT0175	A1-ETCE0245	A1-ETCE0269
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	117 Curtis Court	127 Curtis Court	139 Curtis Court	147 Curtis Court	171 Curtis Court	175 Curtis Court	245 Etccl Court	269 Etccl Court
		Field Sample ID:	A1-TW-0001267-23319-N	A1-TW-0001272-23319-N	A1-TW-0001302-23319-N	A1-TW-0001305-23319-N	A1-TW-0000467-23319-N	A1-TW-0001317-23319-N	A1-TW-0001229-23319-N	A1-TW-0001237-23319-N
		Sample Date:	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-22	2024-01-15	2024-02-12
		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)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	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	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A1-CURT0117	A1-CURT0127	A1-CURT0139	A1-CURT0147	A1-CURT0171	A1-CURT0175	A1-ETCE0245	A1-ETCE0269
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	117 Curtis Court	127 Curtis Court	139 Curtis Court	147 Curtis Court	171 Curtis Court	175 Curtis Court	245 Etccl Court	269 Etccl Court
		Field Sample ID:	A1-TW-0001267-23319-N	A1-TW-0001272-23319-N	A1-TW-0001302-23319-N	A1-TW-0001305-23319-N	A1-TW-0000467-23319-N	A1-TW-0001317-23319-N	A1-TW-0001229-23319-N	A1-TW-0001237-23319-N
		Sample Date:	2024-01-15	2024-01-15	2024-02-09	2024-01-15	2024-01-15	2024-01-22	2024-01-15	2024-02-12
		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							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.350	0.320	0.360	0.510	0.350	ND	0.260
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.310	0.270	0.340	0.430	0.290	ND	ND
	Total Trihalomethanes	80	MCL	0.660	0.590	0.700	0.940	0.640	ND	0.260

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		Location ID:		A1-ETCE0269	A1-ETCE0271	A1-ETCE0281		A1-KIRK2226	A1-KIRK2230		A1-KIRK2351
		Location Type:		Residence	Residence	Residence		Residence	Residence		Residence
		Address:		269 Etccl Court	271 Etccl Court	281 Etccl Court		2226 Kirkbride Avenue	2230 Kirkbride Avenue		2351 Kirkbride Avenue
		Field Sample ID:		A1-TW-0001237-23319-N-P	A1-TW-0001238-23319-N	A1-TW-0001243-23319-N	A1-TW-0001243-23319-3-N	A1-TW-0001642-23319-N	A1-TW-0001644-23319-N	A1-TW-0001644-23319-3-N	A1-TW-0001648-23319-N
		Sample Date:		2024-02-12	2024-01-15	2024-01-18	2024-01-18	2024-01-15	2024-01-19	2024-01-19	2024-01-15
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	460	490	670	670	420	360	360	350
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	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	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	0.640	0.640	0.550	0.900	0.860	0.530
	Barium	2000	MCL	1.80	1.90	2.10	1.90	2.00	1.80	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	1.30	0.890	0.720	0.670	0.770	ND	ND	0.870
	Copper	1300	MCL	21.1	14.4	19.0	18.0	37.6	19.2	18.8	40.6
	Lead	15	MCL	ND	0.190	ND	ND	ND	ND	ND	0.170
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.370	0.780	0.750	0.740	0.880	1.20	0.360
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
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:		Location ID:			
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:		Location Type:			
				Address:	Address:	Address:		Address:	Address:		Address:			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:			
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:			
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:			
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	A1-ETCE0269 Residence 269 Etccl Court A1-TW-0001237-23319-N-P 2024-02-12 N (Normal)	A1-ETCE0271 Residence 271 Etccl Court A1-TW-0001238-23319-N 2024-01-15 N (Normal)	A1-ETCE0281 Residence 281 Etccl Court A1-TW-0001243-23319-N 2024-01-18 N (Normal)		A1-TW-0001243-23319-3-N 2024-01-18 FD (Field Duplicate)	A1-KIRK2226 Residence 2226 Kirkbride Avenue A1-TW-0001642-23319-N 2024-01-15 N (Normal)	A1-KIRK2230 Residence 2230 Kirkbride Avenue A1-TW-0001644-23319-N 2024-01-19 N (Normal)		A1-TW-0001644-23319-3-N 2024-01-19 FD (Field Duplicate)	A1-KIRK2351 Residence 2351 Kirkbride Avenue A1-TW-0001648-23319-N 2024-01-15 N (Normal)	
				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	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	0.770	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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				A1-ETCE0269	A1-ETCE0271	A1-ETCE0281		A1-KIRK2226	A1-KIRK2230		A1-KIRK2351
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:		Location Type:
				Address:	Address:	Address:		Address:	Address:		Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	0.770	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	0.300	0.250	0.250	0.300
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.300	0.250	0.250	0.300

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		Location ID:	A1-LANA4205	A1-LANA4207	A1-LANA4305		A1-LANI1403	A1-LEHU0414	A1-LEHU0424	A1-LEHU0509	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	4205 Lanakila Avenue	4207 Lanakila Avenue	4305 Lanakila Avenue		1403 Lanikai Avenue	414 Lehua Avenue	424 Lehua Avenue	509 Lehua Avenue	
		Field Sample ID:	A1-TW-0001494-23319-N	A1-TW-0001495-23319-N	A1-TW-0001498-23319-N	A1-TW-0001498-23319-3-N	A1-TW-0001507-23319-N	A1-TW-0001665-23319-N	A1-TW-0001669-23319-N	A1-TW-0001681-23319-N	
		Sample Date:	2024-02-09	2024-01-18	2024-02-09	2024-02-09	2024-01-18	2024-01-15	2024-01-19	2024-01-18	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	570	510	170	170	680	440	400	190
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	69.9	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	69.9	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.580	ND	ND	0.640	0.560	0.760	0.720
	Barium	2000	MCL	1.80	1.80	1.90	1.90	1.80	1.90	1.90	1.80
	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	ND	0.570	ND	ND	0.610	0.830	ND	0.680
	Copper	1300	MCL	19.4	28.2	24.1	24.3	16.0	11.5	20.6	27.3
	Lead	15	MCL	ND	0.230	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.40	0.530	1.40	2.10	0.560	0.600	0.710	0.990
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0730	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	2.90	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
	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	Location Type:
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	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
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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		Location ID:	A1-LANA4205	A1-LANA4207	A1-LANA4305		A1-LANI1403	A1-LEHU0414	A1-LEHU0424	A1-LEHU0509
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	4205 Lanakila Avenue	4207 Lanakila Avenue	4305 Lanakila Avenue		1403 Laniwai Avenue	414 Lehua Avenue	424 Lehua Avenue	509 Lehua Avenue
		Field Sample ID:	A1-TW-0001494-23319-N	A1-TW-0001495-23319-N	A1-TW-0001498-23319-N	A1-TW-0001498-23319-3-N	A1-TW-0001507-23319-N	A1-TW-0001665-23319-N	A1-TW-0001669-23319-N	A1-TW-0001681-23319-N
		Sample Date:	2024-02-09	2024-01-18	2024-02-09	2024-02-09	2024-01-18	2024-01-15	2024-01-19	2024-01-18
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.530	ND	ND	ND	ND	0.400	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	ND	ND	ND	ND	0.360	ND
	Total Trihalomethanes	80	MCL	0.850	ND	ND	ND	ND	0.760	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
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		Location ID:	A1-LEHU0509	A1-LEHU0510	A1-LEYC0112	A1-LEYC0130		A1-LEYC0134	A1-LOCH7006	A1-LOWE1026	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	509 Lehua Avenue	510 Lehua Avenue	112 Ley Court	130 Ley Court		134 Ley Court	7006 Loch Street	1026 Lowella Avenue	
		Field Sample ID:	A1-TW-0001681-23319-3-N	A1-TW-0001682-23319-N	A1-TW-0001701-23319-N	A1-TW-0000418-23319-N	A1-TW-0000418-23319-N-P	A1-TW-0001710-23319-N	A1-TW-0001726-23319-N	A1-TW-0001551-23319-N	
		Sample Date:	2024-01-18	2024-01-18	2024-02-09	2024-02-15	2024-02-15	2024-01-15	2024-03-06	2024-01-18	
		Sample Type:	FD (Field Duplicate)	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								
Field Test (ppb)	Free Chlorine	4000	MCL	190	330	710	660	660	560	270	300
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	57.5	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	57.5	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.650	0.660	ND	0.870	0.760	0.540	ND	0.630
	Barium	2000	MCL	1.80	2.00	1.90	1.80	1.70	1.90	1.80	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	0.550	0.620	ND	ND	1.90	0.810	0.670	0.640
	Copper	1300	MCL	24.2	22.6	24.5	14.2	13.6	14.1	47.6	34.8
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.570	0.830	1.70	ND	0.870	0.310	0.470	0.660
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
	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

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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		Location ID:	A1-LEHU0509	A1-LEHU0510	A1-LEYC0112	A1-LEYC0130		A1-LEYC0134	A1-LOCH7006	A1-LOWE1026
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	509 Lehua Avenue	510 Lehua Avenue	112 Ley Court	130 Ley Court		134 Ley Court	7006 Loch Street	1026 Lowella Avenue
		Field Sample ID:	A1-TW-0001681-23319-3-N	A1-TW-0001682-23319-N	A1-TW-0001701-23319-N	A1-TW-0000418-23319-N	A1-TW-0000418-23319-N-P	A1-TW-0001710-23319-N	A1-TW-0001726-23319-N	A1-TW-0001551-23319-N
		Sample Date:	2024-01-18	2024-01-18	2024-02-09	2024-02-15	2024-02-15	2024-01-15	2024-03-06	2024-01-18
		Sample Type:	FD (Field Duplicate)	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)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	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	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A1-LEHU0509	A1-LEHU0510	A1-LEYC0112	A1-LEYC0130		A1-LEYC0134	A1-LOCH7006	A1-LOWE1026
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	509 Lehua Avenue	510 Lehua Avenue	112 Ley Court	130 Ley Court		134 Ley Court	7006 Loch Street	1026 Lowella Avenue
		Field Sample ID:	A1-TW-0001681-23319-3-N	A1-TW-0001682-23319-N	A1-TW-0001701-23319-N	A1-TW-0000418-23319-N	A1-TW-0000418-23319-N-P	A1-TW-0001710-23319-N	A1-TW-0001726-23319-N	A1-TW-0001551-23319-N
		Sample Date:	2024-01-18	2024-01-18	2024-02-09	2024-02-15	2024-02-15	2024-01-15	2024-03-06	2024-01-18
		Sample Type:	FD (Field Duplicate)	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							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.280	ND	ND	ND	ND	0.850
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.510
	Total Trihalomethanes	80	MCL	ND	0.280	ND	ND	ND	ND	1.36

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LOWE1103	A1-LOWE1112	A1-LOWE1116	A1-LOWE1117		A1-LOWE1127		A1-PALM1828
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence		Residence	
					1103 Lowella Ave (CDH)	1112 Lowella Avenue	1116 Lowella Avenue	1117 Lowella Avenue		1127 Lowella Avenue		1828 Palm Avenue
					A1-TW-0017808-23319-N	A1-TW-0001323-23319-N	A1-TW-0001327-23319-N	A1-TW-0001328-23319-N	A1-TW-0001328-23319-3-N	A1-TW-0001336-23319-N	A1-TW-0001336-23319-N-P	A1-TW-0001737-23319-N
					2024-01-19	2024-01-18	2024-01-18	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-18
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	600	460	390	480	480	460	460	440	
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	69.0	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	69.0	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	1.00	0.630	0.640	0.550	0.510	0.620	ND	0.660	
	Barium	2000	MCL	1.90	1.80	1.90	2.00	1.90	2.00	1.90	2.00	
	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	ND	0.640	0.770	0.830	0.760	0.900	ND	0.730	
	Copper	1300	MCL	9.90	33.0	82.4	18.0	17.4	20.0	18.7	10.2	
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.30	0.670	0.830	ND	ND	0.700	1.10	0.850	
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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Zone A1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LOWE1103	A1-LOWE1112	A1-LOWE1116	A1-LOWE1117		A1-LOWE1127		A1-PALM1828
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					Residential Child Care	Residence	Residence	Residence		Residence		Residence
					1103 Lowella Ave (CDH)	1112 Lowella Avenue	1116 Lowella Avenue	1117 Lowella Avenue		1127 Lowella Avenue		1828 Palm Avenue
					A1-TW-0017808-23319-N	A1-TW-0001323-23319-N	A1-TW-0001327-23319-N	A1-TW-0001328-23319-N	A1-TW-0001328-23319-3-N	A1-TW-0001336-23319-N	A1-TW-0001336-23319-N-P	A1-TW-0001737-23319-N
					2024-01-19	2024-01-18	2024-01-18	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-18
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
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
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LOWE1103	A1-LOWE1112	A1-LOWE1116	A1-LOWE1117		A1-LOWE1127		A1-PALM1828
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residential Child Care	Residence	Residence	Residence
					1103 Lowella Ave (CDH)	1112 Lowella Avenue	1116 Lowella Avenue	1117 Lowella Avenue		1127 Lowella Avenue		1828 Palm Avenue
					A1-TW-0017808-23319-N	A1-TW-0001323-23319-N	A1-TW-0001327-23319-N	A1-TW-0001328-23319-N	A1-TW-0001328-23319-3-N	A1-TW-0001336-23319-N	A1-TW-0001336-23319-N-P	A1-TW-0001737-23319-N
					2024-01-19	2024-01-18	2024-01-18	2024-01-15	2024-01-15	2024-01-15	2024-01-15	2024-01-18
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	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	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.590	ND	ND	ND	ND	ND	0.250
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.360	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.950	ND	ND	ND	ND	ND	0.250

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-PALM1842	A1-PARK0170	A1-PARK0214	A1-PARK0216	A1-ROBI1213	A1-ROBI1219		A1-ROBI1223
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	1842 Palm Avenue	170 Parker Court	214 Parker Court	216 Parker Court	1213 Robinson Avenue	1219 Robinson Avenue		1223 Robinson Avenue
				Field Sample ID:	A1-TW-0001744-23319-N	A1-TW-0001755-23319-N	A1-TW-0001773-23319-N	A1-TW-0001774-23319-N	A1-TW-0001352-23319-N	A1-TW-0001355-23319-N	A1-TW-0001355-23319-N-P	A1-TW-0001357-23319-N
				Sample Date:	2024-02-09	2024-01-22	2024-01-15	2024-01-15	2024-01-18	2024-01-19	2024-01-19	2024-01-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	450	220	590	450	400	480	480	610	
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	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	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	0.620	0.520	0.670	0.800	ND	0.910	
	Barium	2000	MCL	2.00	1.80	1.90	1.90	1.80	1.80	1.90	1.80	
	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	ND	ND	0.770	0.790	0.650	ND	1.10	ND	
	Copper	1300	MCL	19.9	27.3	16.5	20.7	24.8	38.1	34.6	29.7	
	Lead	15	MCL	ND	ND	ND	ND	ND	0.130	0.260	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.910	0.820	0.470	ND	0.660	0.990	ND	0.990	
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	0.0140	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	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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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:	A1-PALM1842	A1-PARK0170	A1-PARK0214	A1-PARK0216	A1-ROBI1213	A1-ROBI1219		A1-ROBI1223
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	1842 Palm Avenue	170 Parker Court	214 Parker Court	216 Parker Court	1213 Robinson Avenue	1219 Robinson Avenue		1223 Robinson Avenue
				Field Sample ID:	A1-TW-0001744-23319-N	A1-TW-0001755-23319-N	A1-TW-0001773-23319-N	A1-TW-0001774-23319-N	A1-TW-0001352-23319-N	A1-TW-0001355-23319-N	A1-TW-0001355-23319-N-P	A1-TW-0001357-23319-N
				Sample Date:	2024-02-09	2024-01-22	2024-01-15	2024-01-15	2024-01-18	2024-01-19	2024-01-19	2024-01-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	
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

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-PALM1842	A1-PARK0170	A1-PARK0214	A1-PARK0216	A1-ROBI1213	A1-ROBI1219		A1-ROBI1223
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	1842 Palm Avenue	170 Parker Court	214 Parker Court	216 Parker Court	1213 Robinson Avenue	1219 Robinson Avenue		1223 Robinson Avenue
				Field Sample ID:	A1-TW-0001744-23319-N	A1-TW-0001755-23319-N	A1-TW-0001773-23319-N	A1-TW-0001774-23319-N	A1-TW-0001352-23319-N	A1-TW-0001355-23319-N	A1-TW-0001355-23319-N-P	A1-TW-0001357-23319-N
				Sample Date:	2024-02-09	2024-01-22	2024-01-15	2024-01-15	2024-01-18	2024-01-19	2024-01-19	2024-01-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	0.680	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	0.680	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.250	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.250	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ROBI1300		A1-ROBI1311	A1-ROBI1315	A1-WAIA2426		A1-WAIA6971	A1-WAIE7005
				Location Type: Residence		Residence	Residence	Residence		Residence	Residence
				Address: 1300 Robinson Avenue		1311 Robinson Avenue	1315 Robinson Avenue	2426 Waianiani Court		6971 Waiauau Court	7005 Waiea Court
				Field Sample ID: A1-TW-0001361-23319-N	A1-TW-0001361-23319-N-P	A1-TW-0001368-23319-N	A1-TW-0001369-23319-N	A1-TW-0001397-23319-N	A1-TW-0001397-23319-3-N	A1-TW-0001418-23319-N	A1-TW-0001427-23319-N
				Sample Date: 2024-01-18	2024-01-18	2024-01-18	2024-03-06	2024-01-19	2024-01-19	2024-01-15	2024-02-09
				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	460	460	400	170	40.0	40.0	540	370
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	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	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	0.700	ND	0.600	ND	0.870	0.940	0.520	ND
	Barium	2000	MCL	1.80	1.90	1.80	1.80	1.90	1.90	1.90	2.00
	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	0.640	1.10	0.580	0.610	ND	ND	0.770	ND
	Copper	1300	MCL	18.3	18.2	73.4	54.6	107	110	13.9	31.5
	Lead	15	MCL	ND	ND	6.20	ND	ND	ND	0.190	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.890	ND	0.510	0.560	1.10	1.00	0.340	0.840
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
	1,1,2-Trichloroethane	5	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: A1-ROBI1300		A1-ROBI1311	A1-ROBI1315	A1-WAIA2426		A1-WAIA6971	A1-WAIE7005
				Location Type: Residence		Residence	Residence	Residence		Residence	Residence
				Address: 1300 Robinson Avenue		1311 Robinson Avenue	1315 Robinson Avenue	2426 Waianiani Court		6971 Waiauau Court	7005 Waiea Court
				Field Sample ID: A1-TW-0001361-23319-N	A1-TW-0001361-23319-N-P	A1-TW-0001368-23319-N	A1-TW-0001369-23319-N	A1-TW-0001397-23319-N	A1-TW-0001397-23319-3-N	A1-TW-0001418-23319-N	A1-TW-0001427-23319-N
				Sample Date: 2024-01-18	2024-01-18	2024-01-18	2024-03-06	2024-01-19	2024-01-19	2024-01-15	2024-02-09
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	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:	A1-ROBI1300	A1-ROBI1311	A1-ROBI1315	A1-WAIA2426	A1-WAIA6971	A1-WAIE7005		
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	1300 Robinson Avenue	1311 Robinson Avenue	1315 Robinson Avenue	2426 Waianiani Court	6971 Waiauau Court	7005 Waiea Court		
				Field Sample ID:	A1-TW-0001361-23319-N	A1-TW-0001361-23319-N-P	A1-TW-0001368-23319-N	A1-TW-0001369-23319-N	A1-TW-0001397-23319-N	A1-TW-0001397-23319-3-N	A1-TW-0001418-23319-N	A1-TW-0001427-23319-N
				Sample Date:	2024-01-18	2024-01-18	2024-01-18	2024-03-06	2024-01-19	2024-01-19	2024-01-15	2024-02-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	0.570	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	0.570	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	ND	ND	ND	0.950	1.40	ND	0.430	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.350	0.390	ND	0.320	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	1.30	1.79	ND	0.750	

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		Location ID:		A1-WAIE7006	A1-WAIE7023	A1-WAIE7028		A1-WAIK2231	A1-WAIK2249	A1-WAIK2253	
		Location Type:		Residence	Residence	Residence		Residence	Residence	Residence	
		Address:		7006 Waiea Court	7023 Waiea Court	7028 Waiea Court		2231 Waikahe Court	2249 Waikahe Court	2253 Waikahe Court	
		Field Sample ID:		A1-TW-0001428-23319-N	A1-TW-0001435-23319-N	A1-TW-0001438-23319-N	A1-TW-0001438-23319-3-N	A1-TW-0001446-23319-N	A1-TW-0001453-23319-N	A1-TW-0001454-23319-N	A1-TW-0001454-23319-3-N
		Sample Date:		2024-01-15	2024-02-09	2024-02-09	2024-02-09	2024-01-18	2024-01-15	2024-02-09	2024-02-09
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	480	550	580	580	490	390	480	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	92.2	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	92.2	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.620	ND	ND	ND	0.600	0.580	ND	ND
	Barium	2000	MCL	4.50	2.00	2.00	2.00	1.80	1.80	1.90	1.80
	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	0.860	ND	ND	ND	0.620	0.780	ND	ND
	Copper	1300	MCL	16.9	20.6	28.1	27.7	34.8	41.0	27.6	27.3
	Lead	15	MCL	0.950	ND	ND	ND	0.420	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.10	1.30	1.70	1.40	0.770	0.360	1.50	1.40
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
	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

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	
				Address:	Address:	Address:		Address:	Address:	Address:	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	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
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	A1-WAIE7006	A1-WAIE7023	A1-WAIE7028		A1-WAIK2231	A1-WAIK2249	A1-WAIK2253	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	7006 Waiea Court	7023 Waiea Court	7028 Waiea Court		2231 Waikahe Court	2249 Waikahe Court	2253 Waikahe Court	
		Field Sample ID:	A1-TW-0001428-23319-N	A1-TW-0001435-23319-N	A1-TW-0001438-23319-N	A1-TW-0001438-23319-3-N	A1-TW-0001446-23319-N	A1-TW-0001453-23319-N	A1-TW-0001454-23319-N	A1-TW-0001454-23319-3-N
		Sample Date:	2024-01-15	2024-02-09	2024-02-09	2024-02-09	2024-01-18	2024-01-15	2024-02-09	2024-02-09
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.280	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.90	0.370	0.380	0.340	ND	ND	0.420
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.980	0.320	0.320	0.290	ND	ND	ND
	Total Trihalomethanes	80	MCL	3.16	0.690	0.700	0.630	ND	ND	0.420

Summary of Chemistry Results
Zone A1 Long Term Monitoring
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		Location ID:	A1-WAIK2267	A1-WAIK2277	A1-WAIP2120	A1-WAIP2124	A1-WAIP2148		A1-WAIP2151	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	2267 Waikahe Court	2277 Waikahe Court	2120 Waipuilani Court	2124 Waipuilani Court	2148 Waipuilani Court		2151 Waipuilani Court	
		Field Sample ID:	A1-TW-0001461-23319-N	A1-TW-0001468-23319-N	A1-TW-0000468-22324-N	A1-TW-0001474-23319-N	A1-TW-0001480-23319-N	A1-TW-0001480-23319-N-P	A1-TW-0001482-23319-N	
		Sample Date:	2024-01-19	2024-01-19	2023-01-24	2024-02-09	2024-01-24	2024-01-24	2024-01-15	
		Sample Type:	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							
Field Test (ppb)	Free Chlorine	4000	MCL	370	410	460	550	480	480	230
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	63.2	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	63.9	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	127	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.810	0.750	ND	ND	ND	0.590	0.590
	Barium	2000	MCL	1.90	1.80	2.00	2.00	2.00	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	1.80	ND	ND	1.00	0.940
	Copper	1300	MCL	40.4	78.8	26.9	17.0	25.7	25.3	35.3
	Lead	15	MCL	0.150	ND	0.200	ND	ND	ND	0.130
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.970	1.20	ND	1.50	ND	ND	0.930
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0580	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Residences in Zone A1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-WAIK2267	A1-WAIK2277	A1-WAIP2120	A1-WAIP2124	A1-WAIP2148		A1-WAIP2151
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	2267 Waikahe Court	2277 Waikahe Court	2120 Waipuilani Court	2124 Waipuilani Court	2148 Waipuilani Court		2151 Waipuilani Court
				Field Sample ID:	A1-TW-0001461-23319-N	A1-TW-0001468-23319-N	A1-TW-0000468-22324-N	A1-TW-0001474-23319-N	A1-TW-0001480-23319-N	A1-TW-0001480-23319-N-P	A1-TW-0001482-23319-N
				Sample Date:	2024-01-19	2024-01-19	2023-01-24	2024-02-09	2024-01-24	2024-01-24	2024-01-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	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:	A1-WAIK2267	A1-WAIK2277	A1-WAIP2120	A1-WAIP2124	A1-WAIP2148		A1-WAIP2151
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	2267 Waikahe Court	2277 Waikahe Court	2120 Waipuilani Court	2124 Waipuilani Court	2148 Waipuilani Court		2151 Waipuilani Court
				Field Sample ID:	A1-TW-0001461-23319-N	A1-TW-0001468-23319-N	A1-TW-0000468-22324-N	A1-TW-0001474-23319-N	A1-TW-0001480-23319-N	A1-TW-0001480-23319-N-P	A1-TW-0001482-23319-N
				Sample Date:	2024-01-19	2024-01-19	2023-01-24	2024-02-09	2024-01-24	2024-01-24	2024-01-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	0.280	0.360	ND	ND	0.320
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.260	0.290	ND	ND	0.270
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.540	0.650	ND	ND	0.590

Summary of Chemistry Results
Zone A1 Long Term Monitoring
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		Location ID:		A1-HYD0402			A1-HYD2253	A1-HYD2254		A1-HYD2431	
		Location Type:		Hydrant			Hydrant	Hydrant		Hydrant	
		Address:		SA-DFH 57			SA-AFH 35	FH ID: SA-AFH 7		SA-AFH 60	
		Field Sample ID:		A1-DL-0016026-23319 -N	A1-DL-0016026-23319 -N-P	A1-DL-0016026-23319 -3-N-P	A1-DL-0016024-23319 -N	A1-DL-0000510-23319 -N	A1-DL-0000510-23319 -N-P	A1-DL-0016023-23319 -N	A1-DL-0016023-23319 -N-P
		Sample Date:		2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06
		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	60.0	60.0	60.0	280	280	280	50.0	50.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	77.0	94.0	ND	ND	89.0	ND	69.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	77.0	94.0	ND	ND	89.0	ND	69.0
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	9.00	8.90	8.90	2.20	2.20	2.20	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	0.920	1.90	1.80	0.590	0.620	1.40	ND	0.830
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	0.820	0.760	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
	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

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples Collected in January - March 2024 from Hydrants in Zone A1

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		Location ID: A1-HYD0402		A1-HYD2253		A1-HYD2254		A1-HYD2431	
		Location Type: Hydrant		Hydrant		Hydrant		Hydrant	
		Address: SA-DFH 57		SA-AFH 35		FH ID: SA-AFH 7		SA-AFH 60	
		Field Sample ID: A1-DL-0016026-23319-N	A1-DL-0016026-23319-N-P	A1-DL-0016026-23319-3-N-P	A1-DL-0016024-23319-N	A1-DL-0000510-23319-N	A1-DL-0000510-23319-N-P	A1-DL-0016023-23319-N	A1-DL-0016023-23319-N-P
		Sample Date: 2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06
		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						
Volatile Organic Compounds (ppb)	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
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone A1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-HYD0402			A1-HYD2253	A1-HYD2254		A1-HYD2431	
				Location ID:	Location Type:	Address:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				A1-DL-0016026-23319 -N	A1-DL-0016026-23319 -N-P	A1-DL-0016026-23319 -3-N-P	A1-DL-0016024-23319 -N	A1-DL-0000510-23319 -N	A1-DL-0000510-23319 -N-P	A1-DL-0016023-23319 -N	A1-DL-0016023-23319 -N-P
				2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06	2024-03-06
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.20	1.40	1.40	ND	ND	ND	ND	ND
	Bromoform	--	--	7.00	7.60	7.50	1.60	0.350	ND	0.870	1.10
	Chloroform	--	--	0.510	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	3.10	3.10	3.00	0.880	0.310	ND	ND	ND
	Total Trihalomethanes	80	MCL	11.8	12.1	11.9	2.48	0.660	ND	0.870	1.10

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-HYD55B	A1-HYD72
Field Test (ppb)	Free Chlorine	4000	MCL	610	1000
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	1.80	1.80
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	0.640	0.630
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.750	0.620
	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
	1,2,4-Trichlorobenzene	70	MCL	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-HYD55B A1-HYD72	
				Location Type: Hydrant Hydrant	Address: Hydrant 55B Hydrant 72
				Field Sample ID: A1-DL-0016025-23319-N	A1-DL-0016027-23319-N
				Sample Date: 2024-03-06	2024-03-06
				Sample Type: N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
Chloroacetic acid		--	--	ND	ND
Dibromoacetic acid		--	--	ND	ND
Dichloroacetic acid		--	--	ND	ND
Trichloroacetic acid		--	--	ND	ND
Total Haloacetic acids		60	MCL	ND	ND

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Location ID:	A1-HYD55B	A1-HYD72
Location Type:	Hydrant	Hydrant
Address:	Hydrant 55B	Hydrant 72
Field Sample ID:	A1-DL-0016025-23319 -N	A1-DL-0016027-23319 -N
Sample Date:	2024-03-06	2024-03-06
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-HYD55B	A1-HYD72
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	ND	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND