

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Residences in Zone A3**

<b>Notes:</b>
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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FD (Field Duplicate) = Extra sample taken for quality control
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		Location ID:	A3-101S6391A	A3-101S6396	A3-101S6416B	A3-101S6419B	A3-101S6423A	A3-101S6431	A3-102S6442	A3-102S6445A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6391A 101st Street	6396 101st Street	6416B 101st Street	6419B 101st Street	6423A 101st Street	6431 101st Street	6442 102nd Street	6445A 102nd Street	
		Field Sample ID:	A3-TW-0017249-22162-N	A3-TW-0017252-22162-N	A3-TW-0017266-22162-N	A3-TW-0017268-22162-N	A3-TW-0017271-22162-N	A3-TW-0017472-22162-N	A3-TW-0016669-22162-N	A3-TW-0016673-22162-3-N	
		Sample Date:	2022-09-26	2022-08-12	2022-09-26	2022-10-10	2022-08-19	2022-07-19	2022-07-20	2022-07-18	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	430	580	540	410	450	450	350	480
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 Motor 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	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.80	2.00	2.10	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	2.00	0.920	1.90	1.80	1.20	1.50	1.30	1.30
	Copper	1300	MCL	26.8	26.0	25.2	29.0	97.9	60.3	5.80	20.2
	Lead	15	MCL	0.140	0.510	0.200	0.170	4.10	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.580	0.380	0.540
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

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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:
				A3-101S6391A	A3-101S6396	A3-101S6416B	A3-101S6419B	A3-101S6423A	A3-101S6431	A3-102S6442
				Residence	Residence	Residence	Residence	Residence	Residence	Residence
				6391A 101st Street	6396 101st Street	6416B 101st Street	6419B 101st Street	6423A 101st Street	6431 101st Street	6442 102nd Street
				A3-TW-0017249-22162-N	A3-TW-0017252-22162-N	A3-TW-0017266-22162-N	A3-TW-0017268-22162-N	A3-TW-0017271-22162-N	A3-TW-0017472-22162-N	A3-TW-0016669-22162-N
				2022-09-26	2022-08-12	2022-09-26	2022-10-10	2022-08-19	2022-07-19	2022-07-20
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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
		Address:	6391A 101st Street	6396 101st Street	6416B 101st Street	6419B 101st Street	6423A 101st Street	6431 101st Street	6442 102nd Street	6445A 102nd Street
		Field Sample ID:	A3-TW-0017249-22162-N	A3-TW-0017252-22162-N	A3-TW-0017266-22162-N	A3-TW-0017268-22162-N	A3-TW-0017271-22162-N	A3-TW-0017472-22162-N	A3-TW-0016669-22162-N	A3-TW-0016673-22162-3-N
		Sample Date:	2022-09-26	2022-08-12	2022-09-26	2022-10-10	2022-08-19	2022-07-19	2022-07-20	2022-07-18
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.670	ND	ND	0.270	0.320	0.640	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.510	ND	ND	ND	0.270	0.540	ND
	Total Trihalomethanes	80	MCL	1.18	ND	ND	0.270	0.590	1.18	ND

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		Location ID:	A3-102S6445A	A3-102S6460A	A3-102S6463A	A3-102S6466		A3-102S6478A	A3-103S6489	A3-103S6501	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	6445A 102nd Street	6460A 102nd Street	6463A 102nd Street	6466 102nd Street		6478A 102nd Street	6489 103rd Street	6501 103rd Street	
		Field Sample ID:	A3-TW-0016673-22162-N	A3-TW-0017456-22162-N	A3-TW-0017458-22162-N	A3-TW-0016093-22162-3-N	A3-TW-0016093-22162-N	A3-TW-0016101-22162-N	A3-TW-0016109-22162-N	A3-TW-0016117-22162-N	
		Sample Date:	2022-07-18	2022-08-12	2022-08-17	2022-07-18	2022-07-18	2022-09-26	2022-09-26	2022-10-10	
		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	480	390	540	330	330	270	390	80.0
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	64.3
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	64.3
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	2.00	2.00	2.00	2.00	1.90	2.40
	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	0.960	1.30	1.40	1.50	1.90	1.90	2.00
	Copper	1300	MCL	21.3	29.9	37.8	12.8	12.1	30.5	23.8	49.5
	Lead	15	MCL	ND	0.280	ND	ND	ND	0.230	0.130	0.330
	Mercury	2	MCL	ND	ND	ND	ND	ND	0.0290	ND	ND
	Selenium	50	MCL	0.660	ND	ND	0.540	0.490	ND	ND	ND
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

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		Location ID:	A3-102S6445A	A3-102S6460A	A3-102S6463A	A3-102S6466		A3-102S6478A	A3-103S6489	A3-103S6501
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	6445A 102nd Street	6460A 102nd Street	6463A 102nd Street	6466 102nd Street		6478A 102nd Street	6489 103rd Street	6501 103rd Street
		Field Sample ID:	A3-TW-0016673-22162-N	A3-TW-0017456-22162-N	A3-TW-0017458-22162-N	A3-TW-0016093-22162-3-N	A3-TW-0016093-22162-N	A3-TW-0016101-22162-N	A3-TW-0016109-22162-N	A3-TW-0016117-22162-N
		Sample Date:	2022-07-18	2022-08-12	2022-08-17	2022-07-18	2022-07-18	2022-09-26	2022-09-26	2022-10-10
		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							
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 Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	6445A 102nd Street	6460A 102nd Street	6463A 102nd Street	6466 102nd Street		6478A 102nd Street	6489 103rd Street	6501 103rd Street
		Field Sample ID:	A3-TW-0016673-22162-N	A3-TW-0017456-22162-N	A3-TW-0017458-22162-N	A3-TW-0016093-22162-3-N	A3-TW-0016093-22162-N	A3-TW-0016101-22162-N	A3-TW-0016109-22162-N	A3-TW-0016117-22162-N
		Sample Date:	2022-07-18	2022-08-12	2022-08-17	2022-07-18	2022-07-18	2022-09-26	2022-09-26	2022-10-10
		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	--	--	0.670	ND	ND	0.840	0.750	0.500	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.620	0.530	0.340	ND
	Total Trihalomethanes	80	MCL	0.670	ND	ND	1.46	1.28	0.840	ND

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		Location ID:	A3-103S6512		A3-103S6527B		A3-104S6555B	A3-104S6567A	A3-104S6568	A3-104S6570A	A3-104S6572
		Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	Residence
		Address:	6512 103rd Street		6527B 103rd Street		6555B 104th Street	6567A 104th Street	6568 104th Street	6570A 104th Street	6572 104th Street
		Field Sample ID:	A3-TW-0016380-22162-N	A3-TW-0016390-22162-3-N	A3-TW-0016390-22162-N	A3-TW-0016409-22162-N	A3-TW-0017380-22162-N	A3-TW-0017382-22162-N	A3-TW-0017383-22162-N	A3-TW-0017387-22162-N	
		Sample Date:	2022-08-18	2022-07-22	2022-07-22	2022-09-26	2022-10-11	2022-10-10	2022-07-18	2022-08-17	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	590	470	470	470	340	630	500	330
Field Test (ppb)	Free Chlorine	4000	MCL	590	470	470	470	340	630	500	330
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	55.6	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	55.6	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.10	2.20	2.00	2.20	2.30	2.00	2.10
	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	1.30	1.30	1.90	1.90	2.00	1.40	1.20
	Copper	1300	MCL	34.2	7.10	10.5	24.1	41.8	70.8	24.7	72.3
	Lead	15	MCL	0.330	0.590	0.160	0.330	0.450	0.500	ND	0.580
	Mercury	2	MCL	ND	0.0330	0.0300	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.310	0.500	0.410	ND	ND	ND	0.420	ND
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 A3 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:	A3-103S6527B		A3-104S6555B	A3-104S6567A	A3-104S6568	A3-104S6570A	A3-104S6572	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	6527B 103rd Street		6555B 104th Street	6567A 104th Street	6568 104th Street	6570A 104th Street	6572 104th Street	
				Field Sample ID:	A3-TW-0016380-22162-N	A3-TW-0016390-22162-3-N	A3-TW-0016390-22162-N	A3-TW-0016409-22162-N	A3-TW-0017380-22162-N	A3-TW-0017382-22162-N	A3-TW-0017383-22162-N	A3-TW-0017387-22162-N
				Sample Date:	2022-08-18	2022-07-22	2022-07-22	2022-09-26	2022-10-11	2022-10-10	2022-07-18	2022-08-17
				Sample Type:	N (Normal)	FD (Field Duplicate)	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:	A3-103S6527B		A3-104S6555B	A3-104S6567A	A3-104S6568	A3-104S6570A	A3-104S6572	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	6527B 103rd Street		6555B 104th Street	6567A 104th Street	6568 104th Street	6570A 104th Street	6572 104th Street	
				Field Sample ID:	A3-TW-0016380-22162-N	A3-TW-0016390-22162-3-N	A3-TW-0016390-22162-N	A3-TW-0016409-22162-N	A3-TW-0017380-22162-N	A3-TW-0017382-22162-N	A3-TW-0017383-22162-N	A3-TW-0017387-22162-N
				Sample Date:	2022-08-18	2022-07-22	2022-07-22	2022-09-26	2022-10-11	2022-10-10	2022-07-18	2022-08-17
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	--	--	0.440	0.510	ND	0.340	0.360	0.540	0.790	1.50	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.340	ND	ND	ND	0.260	0.430	ND	0.710	
	Total Trihalomethanes	80	MCL	0.780	0.510	ND	0.340	0.620	0.970	0.790	2.21	

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		Location ID:	A3-104S6577B	A3-104S6580A	A3-104S6581B	A3-104S6584B	A3-104S6588		A3-105S6601B	A3-105S6613B	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	6577B 104th Street	6580A 104th Street	6581B 104th Street	6584B 104th Street	6588 104th Street		6601B 105th Street	6613B 105th Street	
		Field Sample ID:	A3-TW-0017390-22162-N	A3-TW-0017391-22162-N	A3-TW-0017394-22162-N	A3-TW-0017396-22162-N	A3-TW-0017399-22162-N	A3-TW-0017399-22162-N-R1	A3-TW-0017408-22162-N	A3-TW-0017449-22162-N	
		Sample Date:	2022-07-22	2022-07-19	2022-10-11	2022-10-11	2022-08-17	2022-08-19	2022-07-18	2022-08-15	
		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	680	540	310	400	410	700	460	480
Field Test (ppb)	Free Chlorine	4000	MCL	680	540	310	400	410	700	460	480
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	71.4	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	71.4	--	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.110	ND	--	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Barium	2000	MCL	2.10	2.10	2.10	2.20	2.10	--	1.90	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Chromium	100	MCL	1.30	1.30	2.30	2.00	1.30	--	1.40	1.00
	Copper	1300	MCL	31.9	23.3	40.6	49.0	10.2	--	30.6	42.0
	Lead	15	MCL	0.380	ND	0.230	4.60	ND	--	ND	0.730
	Mercury	2	MCL	0.0280	ND	ND	ND	ND	--	ND	ND
	Selenium	50	MCL	0.400	0.670	ND	ND	ND	--	0.560	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	--	ND	ND
	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
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	--	ND	ND
	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-104S6577B	A3-104S6580A	A3-104S6581B	A3-104S6584B	A3-104S6588		A3-105S6601B	A3-105S6613B
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	6577B 104th Street	6580A 104th Street	6581B 104th Street	6584B 104th Street	6588 104th Street		6601B 105th Street	6613B 105th Street
				Field Sample ID:	A3-TW-0017390-22162-N	A3-TW-0017391-22162-N	A3-TW-0017394-22162-N	A3-TW-0017396-22162-N	A3-TW-0017399-22162-N	A3-TW-0017399-22162-N-R1	A3-TW-0017408-22162-N	A3-TW-0017449-22162-N
				Sample Date:	2022-07-22	2022-07-19	2022-10-11	2022-10-11	2022-08-17	2022-08-19	2022-07-18	2022-08-15
				Sample Type:	N (Normal)	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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				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	6577B 104th Street	6580A 104th Street	6581B 104th Street	6584B 104th Street	6588 104th Street		6601B 105th Street	6613B 105th Street
				Field Sample ID:	A3-TW-0017390-22162-N	A3-TW-0017391-22162-N	A3-TW-0017394-22162-N	A3-TW-0017396-22162-N	A3-TW-0017399-22162-N	A3-TW-0017399-22162-N-R1	A3-TW-0017408-22162-N	A3-TW-0017449-22162-N
				Sample Date:	2022-07-22	2022-07-19	2022-10-11	2022-10-11	2022-08-17	2022-08-19	2022-07-18	2022-08-15
				Sample Type:	N (Normal)	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	0.330	ND	ND	ND	--	ND	1.50
	Bromoform	--	--	0.550	0.600	1.90	0.650	ND	--	0.590	2.30	
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND	
	Dibromochloromethane	--	--	ND	ND	1.00	0.430	ND	--	ND	3.20	
	Total Trihalomethanes	80	MCL	0.550	0.600	3.23	1.08	ND	--	0.590	7.00	

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		Location ID:	A3-105S6619	A3-106S6673B	A3-106S6679A		A3-107S6707B	A3-107S6711A	A3-107S6719A	A3-107S6724	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	6619 105th Street	6673B 106th Street	6679A 106th Street		6707B 107th Street	6711A 107th Street	6719A 107th Street	6724 107th Street	
		Field Sample ID:	A3-TW-0017453-22162-N	A3-TW-0016910-22162-N	A3-TW-0016913-22162-3-N	A3-TW-0016913-22162-N	A3-TW-0016157-22162-N	A3-TW-0016160-22162-N	A3-TW-0016168-22162-N	A3-TW-0016171-22162-N	
		Sample Date:	2022-07-20	2022-07-18	2022-07-19	2022-07-19	2022-07-18	2022-08-18	2022-08-17	2022-07-14	
		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	370	510	330	330	360	650	780	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	56.5	100
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	56.5	100
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	0.540
	Barium	2000	MCL	2.00	2.30	2.20	2.10	2.00	2.20	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	1.30	1.40	1.30	1.20	1.40	1.30	1.20	1.20
	Copper	1300	MCL	24.2	27.2	62.5	63.1	13.7	40.4	23.3	9.60
	Lead	15	MCL	ND	0.500	ND	ND	ND	0.370	ND	0.220
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.550	0.630	0.580	0.690	0.540	0.470	ND	1.00
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	1.30	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:
				A3-105S6619	A3-106S6673B	A3-106S6679A		A3-107S6707B	A3-107S6711A	A3-107S6719A	A3-107S6724
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				6619 105th Street	6673B 106th Street	6679A 106th Street		6707B 107th Street	6711A 107th Street	6719A 107th Street	6724 107th Street
				A3-TW-0017453-22162-N	A3-TW-0016910-22162-N	A3-TW-0016913-22162-3-N	A3-TW-0016913-22162-N	A3-TW-0016157-22162-N	A3-TW-0016160-22162-N	A3-TW-0016168-22162-N	A3-TW-0016171-22162-N
				2022-07-20	2022-07-18	2022-07-19	2022-07-19	2022-07-18	2022-08-18	2022-08-17	2022-07-14
				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)	1,2,4-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  
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	A3-105S6619	A3-106S6673B	A3-106S6679A		A3-107S6707B	A3-107S6711A	A3-107S6719A	A3-107S6724
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	6619 105th Street	6673B 106th Street	6679A 106th Street		6707B 107th Street	6711A 107th Street	6719A 107th Street	6724 107th Street
		Field Sample ID:	A3-TW-0017453-22162-N	A3-TW-0016910-22162-N	A3-TW-0016913-22162-3-N	A3-TW-0016913-22162-N	A3-TW-0016157-22162-N	A3-TW-0016160-22162-N	A3-TW-0016168-22162-N	A3-TW-0016171-22162-N
		Sample Date:	2022-07-20	2022-07-18	2022-07-19	2022-07-19	2022-07-18	2022-08-18	2022-08-17	2022-07-14
		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							
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	--	--	0.740	ND	2.00	1.60	1.90	0.420	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.810	0.790	0.710	0.330	ND
	Total Trihalomethanes	80	MCL	0.740	ND	2.81	2.39	2.61	0.750	0.330

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		<b>Location ID:</b>		A3-108S6741A		A3-108S6753B		A3-108S6764		A3-109S6773	A3-109S6775	A3-109S6783B
		<b>Location Type:</b>		Residence		Residence		Residence		Residence	Residence	Residence
		<b>Address:</b>		6741A 108th Street		6753B 108th Street		6764 108th Street		6773 109th Street	6775 109th Street	6783B 109th Street
		<b>Field Sample ID:</b>		A3-TW-0016186-22162-N	A3-TW-0016416-22162-3-N	A3-TW-0016416-22162-N	A3-TW-0016422-22162-3-N	A3-TW-0016422-22162-N	A3-TW-0016428-22162-N	A3-TW-0016431-22162-N	A3-TW-0016436-22162-N	
		<b>Sample Date:</b>		2022-08-17	2022-08-18	2022-08-18	2022-07-20	2022-07-20	2022-08-17	2022-07-18	2022-10-11	
		<b>Sample Type:</b>		N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>									
Field Test (ppb)	Free Chlorine	4000	MCL	360	640	640	420	420	670	290	440	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	57.4	ND	59.2	ND	ND	69.8	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	57.4	ND	59.2	ND	ND	69.8	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.10	2.00	2.00	1.90	1.90	2.10	2.60	2.10	
	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	1.50	1.30	1.20	1.20	1.20	1.70	1.90	
	Copper	1300	MCL	21.5	19.1	19.6	7.40	7.60	14.8	19.3	13.5	
	Lead	15	MCL	ND	0.270	0.320	ND	ND	ND	1.80	0.180	
	Mercury	2	MCL	ND	ND	0.0300	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.390	0.330	0.490	0.480	0.560	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0770	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	



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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-108S6753B		A3-108S6764		A3-109S6773	A3-109S6775	A3-109S6783B	
				Location Type:	Residence		Residence		Residence	Residence	Residence	
				Address:	6753B 108th Street		6764 108th Street		6773 109th Street	6775 109th Street	6783B 109th Street	
				Field Sample ID:	A3-TW-0016186-22162-N	A3-TW-0016416-22162-3-N	A3-TW-0016416-22162-N	A3-TW-0016422-22162-3-N	A3-TW-0016422-22162-N	A3-TW-0016428-22162-N	A3-TW-0016431-22162-N	A3-TW-0016436-22162-N
				Sample Date:	2022-08-17	2022-08-18	2022-08-18	2022-07-20	2022-07-20	2022-08-17	2022-07-18	2022-10-11
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	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
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-108S6753B		A3-108S6764		A3-109S6773	A3-109S6775	A3-109S6783B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-108S6741A Residence 6741A 108th Street	A3-108S6753B Residence 6753B 108th Street	A3-108S6753B Residence 6753B 108th Street	A3-108S6764 Residence 6764 108th Street	A3-108S6764 Residence 6764 108th Street	A3-109S6773 Residence 6773 109th Street	A3-109S6775 Residence 6775 109th Street	A3-109S6783B Residence 6783B 109th Street
				A3-TW-0016186-22162-N	A3-TW-0016416-22162-3-N	A3-TW-0016416-22162-N	A3-TW-0016422-22162-3-N	A3-TW-0016422-22162-N	A3-TW-0016428-22162-N	A3-TW-0016431-22162-N	A3-TW-0016436-22162-N
				2022-08-17	2022-08-18	2022-08-18	2022-07-20	2022-07-20	2022-08-17	2022-07-18	2022-10-11
				N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				ND	ND	ND	ND	ND	ND	ND	ND
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	0.320	0.420	ND	ND	ND	ND	0.350
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.300	0.350	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.620	0.770	ND	ND	ND	ND	0.350

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		Location ID:	A3-109S6791B	A3-110S6800A	A3-110S6809A	A3-111S6826A	A3-111S6827	A3-111S6835A	A3-111S6839A	A3-112S6855A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6791B 109th Street	6800A 110th Street	6809A 110th Street	6826A 111th Street	6827 111th Street	6835A 111th Street	6839A 111th Street	6855A 112th Street	
		Field Sample ID:	A3-TW-0017409-22162-N	A3-TW-0017414-22162-N	A3-TW-0017419-22162-N	A3-TW-0017431-22162-N	A3-TW-0017433-22162-N	A3-TW-0017435-22162-N	A3-TW-0017439-22162-N	A3-TW-0016233-22162-N	
		Sample Date:	2022-07-20	2022-07-19	2022-08-18	2022-10-11	2022-08-18	2022-08-19	2022-07-18	2022-07-18	
		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	470	540	620	510	670	540	450	520
Field Test (ppb)	Free Chlorine	4000	MCL	470	540	620	510	670	540	450	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	63.7	ND	50.1	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	63.7	ND	50.1	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	0.160	ND	0.280	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.20	2.20	2.10	2.10	2.20	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	1.20	1.30	1.50	1.80	1.30	1.20	1.40	1.40
	Copper	1300	MCL	64.8	11.4	27.9	11.3	17.6	38.9	45.3	28.0
	Lead	15	MCL	1.20	ND	0.430	0.160	0.310	ND	ND	0.500
	Mercury	2	MCL	ND	ND	ND	ND	0.0250	ND	ND	ND
	Selenium	50	MCL	0.550	0.670	0.490	ND	0.540	ND	0.590	0.490
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

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		Location ID:	A3-109S6791B	A3-110S6800A	A3-110S6809A	A3-111S6826A	A3-111S6827	A3-111S6835A	A3-111S6839A	A3-112S6855A
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6791B 109th Street	6800A 110th Street	6809A 110th Street	6826A 111th Street	6827 111th Street	6835A 111th Street	6839A 111th Street	6855A 112th Street
		Field Sample ID:	A3-TW-0017409-22162-N	A3-TW-0017414-22162-N	A3-TW-0017419-22162-N	A3-TW-0017431-22162-N	A3-TW-0017433-22162-N	A3-TW-0017435-22162-N	A3-TW-0017439-22162-N	A3-TW-0016233-22162-N
		Sample Date:	2022-07-20	2022-07-19	2022-08-18	2022-10-11	2022-08-18	2022-08-19	2022-07-18	2022-07-18
		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	0.260	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

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

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		<b>Location ID:</b>	A3-109S6791B	A3-110S6800A	A3-110S6809A	A3-111S6826A	A3-111S6827	A3-111S6835A	A3-111S6839A	A3-112S6855A
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	6791B 109th Street	6800A 110th Street	6809A 110th Street	6826A 111th Street	6827 111th Street	6835A 111th Street	6839A 111th Street	6855A 112th Street
		<b>Field Sample ID:</b>	A3-TW-0017409-22162-N	A3-TW-0017414-22162-N	A3-TW-0017419-22162-N	A3-TW-0017431-22162-N	A3-TW-0017433-22162-N	A3-TW-0017435-22162-N	A3-TW-0017439-22162-N	A3-TW-0016233-22162-N
		<b>Sample Date:</b>	2022-07-20	2022-07-19	2022-08-18	2022-10-11	2022-08-18	2022-08-19	2022-07-18	2022-07-18
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>							
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	--	--	0.640	0.630	0.430	0.280	0.330	ND	0.560
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.590	ND	0.410	ND	0.320	ND	ND
	Total Trihalomethanes	80	MCL	1.23	0.630	0.840	0.280	0.650	ND	0.560

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-112S6858		A3-112S6860A	A3-ALBA5446	A3-ALBA5458B	A3-ALBA5466B	A3-ALBA5474	A3-BITT5506
				Location Type: Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address: 6858 112th Street		6860A 112th Street	5446 Albatross Avenue	5458B Albatross Avenue (Not Viable)	5466B Albatross Avenue	5474 Albatross Avenue	5506 Bittern Avenue
				Field Sample ID: A3-TW-0016235-22162-3-N	A3-TW-0016235-22162-N	A3-TW-0016237-22162-N	A3-TW-0016937-22162-N	A3-TW-0012460-22162-N	A3-TW-0017703-22162-N	A3-TW-0016949-22162-N	A3-TW-0016962-22162-N
				Sample Date: 2022-08-17	2022-08-17	2022-08-17	2022-09-27	2022-09-27	2022-08-19	2022-09-26	2022-08-17
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	600	600	550	470	20.0	490	390	510
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	52.5
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	52.5
Metals (ppb)	Antimony	6	MCL	ND	0.190	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.00	2.10	ND	2.20	2.10	2.10
	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	1.30	1.30	2.00	1.30	1.30	1.90	1.30
	Copper	1300	MCL	11.0	10.9	14.8	20.8	0.530	26.3	36.8	35.9
	Lead	15	MCL	ND	ND	ND	0.990	ND	ND	0.260	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.300	0.360	ND	ND	ND	ND	ND	ND
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: A3-112S6858		Location ID: A3-112S6860A		Location ID: A3-ALBA5446		Location ID: A3-ALBA5458B		Location ID: A3-ALBA5466B		Location ID: A3-ALBA5474		Location ID: A3-BITT5506									
				Location Type: Residence	Address: 6858 112th Street	Field Sample ID: A3-TW-0016235-22162-3-N	Sample Date: 2022-08-17	Sample Type: FD (Field Duplicate)	Field Sample ID: A3-TW-0016235-22162-N	Sample Date: 2022-08-17	Sample Type: N (Normal)	Field Sample ID: A3-TW-0016237-22162-N	Sample Date: 2022-08-17	Sample Type: N (Normal)	Field Sample ID: A3-TW-0016937-22162-N	Sample Date: 2022-09-27	Sample Type: N (Normal)	Field Sample ID: A3-TW-0012460-22162-N	Sample Date: 2022-09-27	Sample Type: N (Normal)	Field Sample ID: A3-TW-0017703-22162-N	Sample Date: 2022-08-19	Sample Type: N (Normal)	Field Sample ID: A3-TW-0016949-22162-N	Sample Date: 2022-09-26
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND								
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND								
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND								
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Chlorobenzene	100	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND								
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
	Toluene	1000	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND								
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND								
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND									
Xylenes, Total	10000	MCL	ND	ND	ND	ND	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	ND	ND	ND									
	Chloroacetic acid	--	--	ND	ND	ND	ND	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: A3-112S6858		Location ID: A3-112S6860A		Location ID: A3-ALBA5446		Location ID: A3-ALBA5458B		Location ID: A3-ALBA5466B		Location ID: A3-ALBA5474		Location ID: A3-BITT5506												
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type							
				Residence 6858 112th Street		Residence 6860A 112th Street		Residence 5446 Albatross Avenue		Residence 5458B Albatross Avenue (Not Viable)		Residence 5466B Albatross Avenue		Residence 5474 Albatross Avenue		Residence 5506 Bittern Avenue												
				A3-TW-0016235-22162-3-N	2022-08-17	FD (Field Duplicate)	A3-TW-0016235-22162-N	2022-08-17	N (Normal)	A3-TW-0016237-22162-N	2022-08-17	N (Normal)	A3-TW-0016937-22162-N	2022-09-27	N (Normal)	A3-TW-0012460-22162-N	2022-09-27	N (Normal)	A3-TW-0017703-22162-N	2022-08-19	N (Normal)	A3-TW-0016949-22162-N	2022-09-26	N (Normal)	A3-TW-0016962-22162-N	2022-08-17	N (Normal)	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	ND	ND	ND	ND	1.40	ND	ND	0.430	0.300	0.270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	0.740	ND	ND	0.270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	2.14	ND	ND	0.700	0.300	0.270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	



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		Location ID:	A3-BITT5524B	A3-BITT5540	A3-BITT5541	A3-CORM5565	A3-CORM5576	A3-CORM5577	A3-CORM5581B	A3-CORM5597	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5524B Bittern Avenue	5540 Bittern Avenue	5541 Bittern Avenue	5565 Cormorant Avenue	5576 Cormorant Avenue	5577 Cormorant Avenue	5581B Cormorant Avenue	5597 Cormorant Avenue	
		Field Sample ID:	A3-TW-0016189-22162-N	A3-TW-0016196-22162-N	A3-TW-0016197-22162-N	A3-TW-0016204-22162-N	A3-TW-0016210-22162-N	A3-TW-0016211-22162-N	A3-TW-0016214-22162-N	A3-TW-0016218-22162-N	
		Sample Date:	2022-08-18	2022-11-07	2022-07-14	2022-07-18	2022-08-18	2022-08-17	2022-08-18	2022-07-18	
		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	310	410	400	360	520	710	400	570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	107	ND	51.5	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	107	ND	51.5	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	3.80	0.720	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	3.30	2.20	2.20	2.00	2.10	2.10	2.20
	Beryllium	4	MCL	ND	0.200	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	2.10	1.30	1.40	1.30	1.30	1.30	1.40
	Copper	1300	MCL	34.2	41.8	58.1	19.4	24.7	23.5	12.4	18.7
	Lead	15	MCL	0.280	0.460	0.530	0.530	0.220	1.30	0.250	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.380	5.50	1.00	0.630	0.600	ND	0.470	0.520
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0770	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	0.0130	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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		Location ID:	A3-BITT5524B	A3-BITT5540	A3-BITT5541	A3-CORM5565	A3-CORM5576	A3-CORM5577	A3-CORM5581B	A3-CORM5597	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5524B Bittern Avenue	5540 Bittern Avenue	5541 Bittern Avenue	5565 Cormorant Avenue	5576 Cormorant Avenue	5577 Cormorant Avenue	5581B Cormorant Avenue	5597 Cormorant Avenue	
		Field Sample ID:	A3-TW-0016189-22162-N	A3-TW-0016196-22162-N	A3-TW-0016197-22162-N	A3-TW-0016204-22162-N	A3-TW-0016210-22162-N	A3-TW-0016211-22162-N	A3-TW-0016214-22162-N	A3-TW-0016218-22162-N	
		Sample Date:	2022-08-18	2022-11-07	2022-07-14	2022-07-18	2022-08-18	2022-08-17	2022-08-18	2022-07-18	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	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	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	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
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		<b>Location ID:</b>	A3-BITT5524B	A3-BITT5540	A3-BITT5541	A3-CORM5565	A3-CORM5576	A3-CORM5577	A3-CORM5581B	A3-CORM5597
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	5524B Bittern Avenue	5540 Bittern Avenue	5541 Bittern Avenue	5565 Cormorant Avenue	5576 Cormorant Avenue	5577 Cormorant Avenue	5581B Cormorant Avenue	5597 Cormorant Avenue
		<b>Field Sample ID:</b>	A3-TW-0016189-22162-N	A3-TW-0016196-22162-N	A3-TW-0016197-22162-N	A3-TW-0016204-22162-N	A3-TW-0016210-22162-N	A3-TW-0016211-22162-N	A3-TW-0016214-22162-N	A3-TW-0016218-22162-N
		<b>Sample Date:</b>	2022-08-18	2022-11-07	2022-07-14	2022-07-18	2022-08-18	2022-08-17	2022-08-18	2022-07-18
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	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	0.430	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	2.20	0.760	0.570	0.290	0.260	0.370
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.340	1.30	0.620	ND	0.280	ND	0.320
	Total Trihalomethanes	80	MCL	0.340	3.93	1.38	0.570	0.570	0.260	0.690

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		Location ID:	A3-DOVE5610	A3-DOVE5613	A3-DOVE5629	A3-DOVE5644B	A3-DOVE5693B	A3-EDGE5345A	A3-EDGE5347	A3-EDGE5358	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5610 Dovekie Avenue	5613 Dovekie Avenue	5629 Dovekie Avenue	5644B Dovekie Avenue	5693B Dovekie Avenue	5345A Edgewater Drive	5347 Edgewater Drive	5358 Edgewater Drive	
		Field Sample ID:	A3-TW-0016255-22162-N	A3-TW-0016256-22162-N	A3-TW-0016289-22162-N	A3-TW-0016298-22162-N	A3-TW-0016456-22162-N	A3-TW-0016321-22162-N	A3-TW-0012591-22162-N	A3-TW-0016326-22162-N	
		Sample Date:	2022-11-07	2022-08-18	2022-08-18	2022-07-18	2022-07-19	2022-09-27	2022-07-19	2022-08-17	
		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	490	370	620	510	480	420	440	330
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 Motor Oil)	--	--	71.7	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	71.7	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	0.120	ND	ND	ND	ND	ND	ND	0.220
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.20	2.20	2.00	2.20	1.90	2.20	2.10
	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	2.30	1.20	1.80	1.40	1.40	1.80	1.30	1.30
	Copper	1300	MCL	28.4	24.5	16.2	15.5	23.3	13.9	26.6	12.5
	Lead	15	MCL	0.240	0.350	0.310	ND	ND	0.250	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.530	ND	0.470	0.820	ND	0.730	ND
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:	A3-DOVE5610	A3-DOVE5613	A3-DOVE5629	A3-DOVE5644B	A3-DOVE5693B	A3-EDGE5345A	A3-EDGE5347	A3-EDGE5358
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5610 Dovekie Avenue	5613 Dovekie Avenue	5629 Dovekie Avenue	5644B Dovekie Avenue	5693B Dovekie Avenue	5345A Edgewater Drive	5347 Edgewater Drive	5358 Edgewater Drive
				Field Sample ID:	A3-TW-0016255-22162-N	A3-TW-0016256-22162-N	A3-TW-0016289-22162-N	A3-TW-0016298-22162-N	A3-TW-0016456-22162-N	A3-TW-0016321-22162-N	A3-TW-0012591-22162-N	A3-TW-0016326-22162-N
				Sample Date:	2022-11-07	2022-08-18	2022-08-18	2022-07-18	2022-07-19	2022-09-27	2022-07-19	2022-08-17
				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

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		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	5610 Dovekie Avenue	5613 Dovekie Avenue	5629 Dovekie Avenue	5644B Dovekie Avenue	5693B Dovekie Avenue	5345A Edgewater Drive	5347 Edgewater Drive	5358 Edgewater Drive
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		<b>Sample Date:</b>	2022-11-07	2022-08-18	2022-08-18	2022-07-18	2022-07-19	2022-09-27	2022-07-19	2022-08-17
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	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	--	--	0.290	1.20	0.370	ND	0.660	0.280	0.510
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.280	0.740	0.360	ND	ND	ND	0.560
	Total Trihalomethanes	80	MCL	0.570	1.94	0.730	ND	0.660	0.280	0.510

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		<b>Location ID:</b>		A3-EDGE5369		A3-EDGE5374	A3-EDGE5391	A3-EDGE5399	A3-EDGE5410	A3-EDGE5420	A3-EEHA4853D
		<b>Location Type:</b>		Residence		Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>		5369 Edgewater Drive		5374 Edgewater Drive	5391 Edgewater Drive	5399 Edgewater Drive	5410 Edgewater Drive	5420 Edgewater Drive	4853D East Eha Way
		<b>Field Sample ID:</b>		A3-TW-0016328-22162-3-N	A3-TW-0016328-22162-N	A3-TW-0016330-22162-N	A3-TW-0016337-22162-N	A3-TW-0016340-22162-N	A3-TW-0016342-22162-N	A3-TW-0016343-22162-N	A3-TW-0016468-22162-N
		<b>Sample Date:</b>		2022-07-19	2022-07-19	2022-07-18	2022-09-26	2022-07-19	2022-08-17	2022-10-10	2022-07-19
		<b>Sample Type:</b>		FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>								
Field Test (ppb)	Free Chlorine	4000	MCL	350	350	490	370	200	510	220	540
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	73.5	ND	ND	ND	56.9	65.7	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	73.5	ND	ND	ND	56.9	65.7	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.30	2.00	2.10	2.20	2.10	2.20	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	1.30	1.30	1.40	2.10	1.30	1.30	1.80	1.40
	Copper	1300	MCL	21.4	20.6	15.5	31.6	15.2	17.2	30.7	9.40
	Lead	15	MCL	ND	ND	ND	0.500	ND	0.520	0.370	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.600	0.710	0.470	ND	0.530	ND	ND	0.690
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

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		Location ID:	A3-EDGE5369		A3-EDGE5374	A3-EDGE5391	A3-EDGE5399	A3-EDGE5410	A3-EDGE5420	A3-EEHA4853D
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5369 Edgewater Drive		5374 Edgewater Drive	5391 Edgewater Drive	5399 Edgewater Drive	5410 Edgewater Drive	5420 Edgewater Drive	4853D East Eha Way
		Field Sample ID:	A3-TW-0016328-22162-3-N	A3-TW-0016328-22162-N	A3-TW-0016330-22162-N	A3-TW-0016337-22162-N	A3-TW-0016340-22162-N	A3-TW-0016342-22162-N	A3-TW-0016343-22162-N	A3-TW-0016468-22162-N
		Sample Date:	2022-07-19	2022-07-19	2022-07-18	2022-09-26	2022-07-19	2022-08-17	2022-10-10	2022-07-19
		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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-EDGE5369		A3-EDGE5374	A3-EDGE5391	A3-EDGE5399	A3-EDGE5410	A3-EDGE5420	A3-EEHA4853D
				Location ID:	Location Type:	Residence	Residence	Residence	Residence	Residence	Residence
				5369 Edgewater Drive		5374 Edgewater Drive	5391 Edgewater Drive	5399 Edgewater Drive	5410 Edgewater Drive	5420 Edgewater Drive	4853D East Eha Way
				A3-TW-0016328-22162-3-N	A3-TW-0016328-22162-N	A3-TW-0016330-22162-N	A3-TW-0016337-22162-N	A3-TW-0016340-22162-N	A3-TW-0016342-22162-N	A3-TW-0016343-22162-N	A3-TW-0016468-22162-N
				2022-07-19	2022-07-19	2022-07-18	2022-09-26	2022-07-19	2022-08-17	2022-10-10	2022-07-19
				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	0.300	ND	ND	ND	ND
	Bromoform	--	--	0.610	ND	1.70	2.30	4.30	0.630	0.440	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.00	1.10	1.90	0.670	0.320	ND
	Total Trihalomethanes	80	MCL	0.610	ND	2.70	3.70	6.20	1.30	0.760	ND

**Summary of Chemistry Results  
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		Location ID:	A3-EEKA4754A	A3-EEKA4756A	A3-ELIM4880A	A3-EONO4936A	A3-ERNE5709	A3-ERNE5720	A3-ERNE5729	A3-ERNE5734A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4754A East Ekahi Way	4756A East Ekahi Way	4880A Elima Way	4936A Eono Way	5709 Erne Avenue	5720 Erne Avenue	5729 Erne Avenue	5734A Erne Avenue	
		Field Sample ID:	A3-TW-0017371-22162-N	A3-TW-0017279-22162-N	A3-TW-0017338-22162-N	A3-TW-0016875-22162-N	A3-TW-0016508-22162-N	A3-TW-0016512-22162-N	A3-TW-0016518-22162-N	A3-TW-0016520-22162-N	
		Sample Date:	2022-07-22	2022-07-19	2022-07-15	2022-07-19	2022-08-12	2022-07-18	2022-11-07	2022-10-11	
		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	440	540	540	540	570	570	430	340
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	55.7	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	55.7	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.20	2.00	2.20	2.20	2.20	2.30	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	1.20	1.40	1.60	1.30	0.990	1.30	2.20	1.80
	Copper	1300	MCL	7.40	7.10	14.9	13.2	24.3	18.0	28.6	26.1
	Lead	15	MCL	0.190	ND	ND	ND	0.300	ND	0.390	0.320
	Mercury	2	MCL	0.0340	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.420	0.710	0.720	0.760	ND	0.600	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0710	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	0.0220	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:	A3-EEKA4754A	A3-EEKA4756A	A3-ELIM4880A	A3-EONO4936A	A3-ERNE5709	A3-ERNE5720	A3-ERNE5729	A3-ERNE5734A
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4754A East Ekahi Way	4756A East Ekahi Way	4880A Elima Way	4936A Eono Way	5709 Erne Avenue	5720 Erne Avenue	5729 Erne Avenue	5734A Erne Avenue
		Field Sample ID:	A3-TW-0017371-22162-N	A3-TW-0017279-22162-N	A3-TW-0017338-22162-N	A3-TW-0016875-22162-N	A3-TW-0016508-22162-N	A3-TW-0016512-22162-N	A3-TW-0016518-22162-N	A3-TW-0016520-22162-N
		Sample Date:	2022-07-22	2022-07-19	2022-07-15	2022-07-19	2022-08-12	2022-07-18	2022-11-07	2022-10-11
		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 Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4754A East Ekahi Way	4756A East Ekahi Way	4880A Elima Way	4936A Eono Way	5709 Erne Avenue	5720 Erne Avenue	5729 Erne Avenue	5734A Erne Avenue
		Field Sample ID:	A3-TW-0017371-22162-N	A3-TW-0017279-22162-N	A3-TW-0017338-22162-N	A3-TW-0016875-22162-N	A3-TW-0016508-22162-N	A3-TW-0016512-22162-N	A3-TW-0016518-22162-N	A3-TW-0016520-22162-N
		Sample Date:	2022-07-22	2022-07-19	2022-07-15	2022-07-19	2022-08-12	2022-07-18	2022-11-07	2022-10-11
		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	--	--	0.640	0.560	0.560	0.600	0.420	0.700	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.500	ND	0.570	0.280	0.510	0.260
	Total Trihalomethanes	80	MCL	0.640	1.06	0.560	1.17	0.700	1.21	0.590

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		<b>Location ID:</b>		A3-EWAL4984A		A3-EWAL4986C		A3-EWAL4987A		A3-FULM5808		A3-FULM5816B		A3-FULM5819B						
		<b>Location Type:</b>		Residence		Residence		Residence		Residence		Residence		Residence						
		<b>Address:</b>		4984A Ewalu Way		4986C Ewalu Way		4987A Ewalu Way		5808 Fulmar Avenue		5816B Fulmar Avenue		5819B Fulmar Avenue						
		<b>Field Sample ID:</b>		A3-TW-0017033-22162-N		A3-TW-0016351-22162-3-N		A3-TW-0016351-22162-N		A3-TW-0016353-22162-N		A3-TW-0016356-22162-3-N		A3-TW-0016356-22162-N		A3-TW-0016361-22162-N		A3-TW-0016363-22162-N		
		<b>Sample Date:</b>		2022-08-17		2022-09-27		2022-09-27		2022-07-19		2022-07-25		2022-07-25		2022-09-27		2022-11-07		
		<b>Sample Type:</b>		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>																	
Field Test (ppb)	Free Chlorine	4000	MCL	590	420	420		400	380	380		430	570							
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND		ND	ND	ND		ND	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	59.4	ND	ND		ND	ND	ND		75.4	ND							
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND		ND	ND	ND		ND	ND							
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND		ND	ND	ND		ND	ND							
	Petroleum Hydrocarbons, Total	266	ISP	59.4	ND	ND		ND	ND	ND		75.4	ND							
Metals (ppb)	Antimony	6	MCL	ND	ND	ND		0.100	ND	ND		ND	ND							
	Arsenic	10	MCL	ND	ND	ND		ND	ND	ND		ND	ND							
	Barium	2000	MCL	2.30	2.20	2.20		2.70	2.00	2.00		2.00	2.20							
	Beryllium	4	MCL	ND	ND	ND		ND	ND	ND		ND	ND							
	Cadmium	5	MCL	ND	ND	ND		ND	ND	ND		ND	ND							
	Chromium	100	MCL	1.40	2.00	2.00		1.30	1.40	1.30		2.00	2.20							
	Copper	1300	MCL	24.7	11.1	10.7		13.6	21.2	21.3		14.7	19.7							
	Lead	15	MCL	ND	ND	ND		ND	0.320	0.320		0.320	0.380							
	Mercury	2	MCL	ND	ND	ND		ND	ND	ND		ND	ND							
	Selenium	50	MCL	ND	ND	ND		0.790	0.450	ND		ND	ND							
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0530	ND		0.0560	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							

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		Location ID:	A3-EWAL4984A	A3-EWAL4986C		A3-EWAL4987A	A3-FULM5808		A3-FULM5816B	A3-FULM5819B
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence
		Address:	4984A Ewalu Way	4986C Ewalu Way		4987A Ewalu Way	5808 Fulmar Avenue		5816B Fulmar Avenue	5819B Fulmar Avenue
		Field Sample ID:	A3-TW-0017033-22162-N	A3-TW-0016351-22162-3-N	A3-TW-0016351-22162-N	A3-TW-0016353-22162-N	A3-TW-0016356-22162-3-N	A3-TW-0016356-22162-N	A3-TW-0016361-22162-N	A3-TW-0016363-22162-N
		Sample Date:	2022-08-17	2022-09-27	2022-09-27	2022-07-19	2022-07-25	2022-07-25	2022-09-27	2022-11-07
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EWAL4986C		A3-EWAL4987A	A3-FULM5808		A3-FULM5816B	A3-FULM5819B	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	4986C Ewalu Way		4987A Ewalu Way	5808 Fulmar Avenue		5816B Fulmar Avenue	5819B Fulmar Avenue	
				Field Sample ID:	A3-TW-0017033-22162-N	A3-TW-0016351-22162-3-N	A3-TW-0016351-22162-N	A3-TW-0016353-22162-N	A3-TW-0016356-22162-3-N	A3-TW-0016356-22162-N	A3-TW-0016361-22162-N	A3-TW-0016363-22162-N
				Sample Date:	2022-08-17	2022-09-27	2022-09-27	2022-07-19	2022-07-25	2022-07-25	2022-09-27	2022-11-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	0.390	0.320	0.690	0.600	ND	0.250	0.530	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.380	0.250	0.260	ND	ND	ND	ND	0.430	
	Total Trihalomethanes	80	MCL	0.380	0.640	0.580	0.690	0.600	ND	0.250	0.960	

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				Location ID:	A3-FULM5824	A3-FULM5828	A3-FULM5856A	A3-GANN5909B	A3-GANN5955A	A3-GANN5965	A3-GANN5971B	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	5824 Fulmar Avenue	5828 Fulmar Avenue	5856A Fulmar Avenue	5909B Gannet Avenue	5955A Gannet Avenue	5965 Gannet Avenue	5971B Gannet Avenue	
				Field Sample ID:	A3-TW-0016368-22162-N	A3-TW-0016369-22162-N	A3-TW-0017303-22162-N	A3-TW-0017049-22162-N	A3-TW-0016562-22162-N	A3-TW-0016886-22162-N	A3-TW-0017071-22162-3-N	A3-TW-0017071-22162-N
				Sample Date:	2022-07-19	2022-09-29	2022-10-10	2022-09-27	2022-09-27	2022-10-10	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	590	430	480	600	330	430	320	320	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	71.4	60.4	ND	75.9	70.6	92.6	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	71.4	60.4	ND	75.9	70.6	92.6	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.20	1.90	2.00	2.00	2.00	2.00	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.20	1.80	1.80	1.90	2.10	1.70	1.80	1.80	1.80
	Copper	1300	MCL	18.8	22.9	31.0	45.3	24.2	29.4	20.6	21.9	
	Lead	15	MCL	ND	0.190	5.20	0.250	0.350	0.420	0.230	0.240	
	Mercury	2	MCL	ND	0.0350	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.710	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-FULM5824	A3-FULM5828	A3-FULM5856A	A3-GANN5909B	A3-GANN5955A	A3-GANN5965	A3-GANN5971B	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5824 Fulmar Avenue	5828 Fulmar Avenue	5856A Fulmar Avenue	5909B Gannet Avenue	5955A Gannet Avenue	5965 Gannet Avenue	5971B Gannet Avenue	
				Field Sample ID:	A3-TW-0016368-22162-N	A3-TW-0016369-22162-N	A3-TW-0017303-22162-N	A3-TW-0017049-22162-N	A3-TW-0016562-22162-N	A3-TW-0016886-22162-N	A3-TW-0017071-22162-3-N	A3-TW-0017071-22162-N
				Sample Date:	2022-07-19	2022-09-29	2022-10-10	2022-09-27	2022-09-27	2022-10-10	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	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
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone A3 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:	A3-FULM5824	A3-FULM5828	A3-FULM5856A	A3-GANN5909B	A3-GANN5955A	A3-GANN5965	A3-GANN5971B	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5824 Fulmar Avenue	5828 Fulmar Avenue	5856A Fulmar Avenue	5909B Gannet Avenue	5955A Gannet Avenue	5965 Gannet Avenue	5971B Gannet Avenue	
				Field Sample ID:	A3-TW-0016368-22162-N	A3-TW-0016369-22162-N	A3-TW-0017303-22162-N	A3-TW-0017049-22162-N	A3-TW-0016562-22162-N	A3-TW-0016886-22162-N	A3-TW-0017071-22162-3-N	A3-TW-0017071-22162-N
				Sample Date:	2022-07-19	2022-09-29	2022-10-10	2022-09-27	2022-09-27	2022-10-10	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	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	0.560	ND	ND	ND
	Bromoform	--	--	0.530	0.520	0.920	ND	1.40	0.390	0.330	0.300	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.270	0.740	ND	1.30	0.260	0.250	ND	ND
	Total Trihalomethanes	80	MCL	0.530	0.790	1.66	ND	3.26	0.650	0.580	0.300	

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		Location ID:	A3-GANN6012	A3-HERO6059A	A3-HERO6073A	A3-HERO6073B	A3-HERO6079A	A3-HERO6099	A3-HERO6136	A3-HERO6143B	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6012 Gannet Avenue	6059A Heron Avenue	6073A Heron Avenue	6073B Heron Avenue	6079A Heron Avenue	6099 Heron Avenue	6136 Heron Avenue	6143B Heron Avenue	
		Field Sample ID:	A3-TW-0017088-22162-N	A3-TW-0017097-22162-N	A3-TW-0016243-22162-N	A3-TW-0016244-22162-N	A3-TW-0016246-22162-N	A3-TW-0017138-22162-N	A3-TW-0016570-22162-N	A3-TW-0016574-22162-3-N	
		Sample Date:	2022-08-16	2022-09-26	2022-10-11	2022-10-11	2022-09-26	2022-09-27	2022-09-27	2022-09-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-GANN6012	A3-HERO6059A	A3-HERO6073A	A3-HERO6073B	A3-HERO6079A	A3-HERO6099	A3-HERO6136	A3-HERO6143B
Field Test (ppb)	Free Chlorine	4000	MCL	340	780	430	300	420	30.0	420	470
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	50.3	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	50.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.00	2.00	2.00	1.90	0.850	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	1.20	2.00	1.80	1.90	1.90	1.10	2.00	1.90
	Copper	1300	MCL	20.8	31.6	26.4	38.9	22.9	14.4	13.4	38.7
	Lead	15	MCL	ND	0.150	0.290	0.140	0.240	0.190	0.130	0.240
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0300
	Selenium	50	MCL	0.420	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0510	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	3.50	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:	A3-GANN6012	A3-HERO6059A	A3-HERO6073A	A3-HERO6073B	A3-HERO6079A	A3-HERO6099	A3-HERO6136	A3-HERO6143B
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6012 Gannet Avenue	6059A Heron Avenue	6073A Heron Avenue	6073B Heron Avenue	6079A Heron Avenue	6099 Heron Avenue	6136 Heron Avenue	6143B Heron Avenue
		Field Sample ID:	A3-TW-0017088-22162-N	A3-TW-0017097-22162-N	A3-TW-0016243-22162-N	A3-TW-0016244-22162-N	A3-TW-0016246-22162-N	A3-TW-0017138-22162-N	A3-TW-0016570-22162-N	A3-TW-0016574-22162-3-N
		Sample Date:	2022-08-16	2022-09-26	2022-10-11	2022-10-11	2022-09-26	2022-09-27	2022-09-27	2022-09-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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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		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	6012 Gannet Avenue	6059A Heron Avenue	6073A Heron Avenue	6073B Heron Avenue	6079A Heron Avenue	6099 Heron Avenue	6136 Heron Avenue	6143B Heron Avenue
		<b>Field Sample ID:</b>	A3-TW-0017088-22162-N	A3-TW-0017097-22162-N	A3-TW-0016243-22162-N	A3-TW-0016244-22162-N	A3-TW-0016246-22162-N	A3-TW-0017138-22162-N	A3-TW-0016570-22162-N	A3-TW-0016574-22162-3-N
		<b>Sample Date:</b>	2022-08-16	2022-09-26	2022-10-11	2022-10-11	2022-09-26	2022-09-27	2022-09-27	2022-09-26
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>							
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	--	--	0.650	ND	0.350	0.700	0.340	0.700	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.440	ND	0.280	ND	0.270	0.380	ND
	Total Trihalomethanes	80	MCL	1.09	ND	0.630	0.700	0.610	1.08	0.330

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				Location ID:	A3-HERO6143B	A3-HERO6176	A3-IBIS6223	A3-IBIS6244A	A3-IBIS6252B	A3-IBIS6260	A3-IBIS6268B	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	6143B Heron Avenue	6176 Heron Avenue	6223 Ibis Avenue	6244A Ibis Avenue	6252B Ibis Avenue	6260 Ibis Avenue	6268B Ibis Avenue	
				Field Sample ID:	A3-TW-0016574-22162-N	A3-TW-0016598-22162-N	A3-TW-0017120-22162-N	A3-TW-0017133-22162-N	A3-TW-0017170-22162-N	A3-TW-0017174-22162-N	A3-TW-0017180-22162-3-N	A3-TW-0017180-22162-N
				Sample Date:	2022-09-26	2022-08-15	2022-09-26	2022-08-15	2022-07-19	2022-07-19	2022-10-11	2022-10-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	470	500	450	520	520	210	470	470	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.10	1.80	2.00	2.30	2.10	2.20	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.90	1.10	1.80	1.10	1.30	1.40	2.30	1.90	
	Copper	1300	MCL	42.7	52.8	14.7	22.2	31.5	38.2	9.20	8.10	
	Lead	15	MCL	0.680	0.600	0.930	ND	ND	0.620	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	0.700	0.670	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	0.0520	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
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		Location ID:	A3-HERO6143B	A3-HERO6176	A3-IBIS6223	A3-IBIS6244A	A3-IBIS6252B	A3-IBIS6260	A3-IBIS6268B	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6143B Heron Avenue	6176 Heron Avenue	6223 Ibis Avenue	6244A Ibis Avenue	6252B Ibis Avenue	6260 Ibis Avenue	6268B Ibis Avenue	
		Field Sample ID:	A3-TW-0016574-22162-N	A3-TW-0016598-22162-N	A3-TW-0017120-22162-N	A3-TW-0017133-22162-N	A3-TW-0017170-22162-N	A3-TW-0017174-22162-N	A3-TW-0017180-22162-3-N	A3-TW-0017180-22162-N
		Sample Date:	2022-09-26	2022-08-15	2022-09-26	2022-08-15	2022-07-19	2022-07-19	2022-10-11	2022-10-11
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6143B	A3-HERO6176	A3-IBIS6223	A3-IBIS6244A	A3-IBIS6252B	A3-IBIS6260	A3-IBIS6268B	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6143B Heron Avenue	6176 Heron Avenue	6223 Ibis Avenue	6244A Ibis Avenue	6252B Ibis Avenue	6260 Ibis Avenue	6268B Ibis Avenue	
				Field Sample ID:	A3-TW-0016574-22162-N	A3-TW-0016598-22162-N	A3-TW-0017120-22162-N	A3-TW-0017133-22162-N	A3-TW-0017170-22162-N	A3-TW-0017174-22162-N	A3-TW-0017180-22162-3-N	A3-TW-0017180-22162-N
				Sample Date:	2022-09-26	2022-08-15	2022-09-26	2022-08-15	2022-07-19	2022-07-19	2022-10-11	2022-10-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	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	--	--	0.330	1.50	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.470	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.330	1.97	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:	A3-IBIS6292A	A3-IBIS6317	A3-IBIS6323B	A3-IBIS6341		A3-IBIS6354	A3-IBIS6370A	A3-IROQ5022B
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	6292A Ibis Avenue	6317 Ibis Avenue	6323B Ibis Avenue	6341 Ibis Avenue		6354 Ibis Avenue	6370A Ibis Avenue	5022B Iroquois Avenue
				Field Sample ID:	A3-TW-0017192-22162-N	A3-TW-0016149-22162-N	A3-TW-0016154-22162-N	A3-TW-0017244-22162-3-N	A3-TW-0017244-22162-N	A3-TW-0016603-22162-N	A3-TW-0016610-22162-N	A3-TW-0016632-22162-N
				Sample Date:	2022-08-12	2022-09-27	2022-09-27	2022-07-14	2022-07-14	2022-08-16	2022-09-26	2022-09-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	510	350	350	440	440	670	770	770	
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	91.6	98.9	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	91.6	98.9	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	0.670	0.780	ND	ND	ND	
	Barium	2000	MCL	1.90	1.90	1.90	2.00	2.00	2.00	2.50	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	0.940	1.90	2.00	1.20	1.30	1.20	2.00	1.90	
	Copper	1300	MCL	15.7	39.8	58.1	23.3	23.4	40.9	18.7	10.7	
	Lead	15	MCL	0.200	2.30	0.480	0.390	0.390	ND	0.170	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	1.10	1.20	0.580	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	0.410	
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6292A	A3-IBIS6317	A3-IBIS6323B	A3-IBIS6341		A3-IBIS6354	A3-IBIS6370A	A3-IROQ5022B
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	6292A Ibis Avenue	6317 Ibis Avenue	6323B Ibis Avenue	6341 Ibis Avenue		6354 Ibis Avenue	6370A Ibis Avenue	5022B Iroquois Avenue
				Field Sample ID:	A3-TW-0017192-22162-N	A3-TW-0016149-22162-N	A3-TW-0016154-22162-N	A3-TW-0017244-22162-3-N	A3-TW-0017244-22162-N	A3-TW-0016603-22162-N	A3-TW-0016610-22162-N	A3-TW-0016632-22162-N
				Sample Date:	2022-08-12	2022-09-27	2022-09-27	2022-07-14	2022-07-14	2022-08-16	2022-09-26	2022-09-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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

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		Location ID:	A3-IBIS6292A	A3-IBIS6317	A3-IBIS6323B	A3-IBIS6341		A3-IBIS6354	A3-IBIS6370A	A3-IROQ5022B
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	6292A Ibis Avenue	6317 Ibis Avenue	6323B Ibis Avenue	6341 Ibis Avenue		6354 Ibis Avenue	6370A Ibis Avenue	5022B Iroquois Avenue
		Field Sample ID:	A3-TW-0017192-22162-N	A3-TW-0016149-22162-N	A3-TW-0016154-22162-N	A3-TW-0017244-22162-3-N	A3-TW-0017244-22162-N	A3-TW-0016603-22162-N	A3-TW-0016610-22162-N	A3-TW-0016632-22162-N
		Sample Date:	2022-08-12	2022-09-27	2022-09-27	2022-07-14	2022-07-14	2022-08-16	2022-09-26	2022-09-27
		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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	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	1.00	0.730	0.820	0.330	0.800
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.510	0.660	0.610	0.350	0.500
	Total Trihalomethanes	80	MCL	ND	ND	1.51	1.39	1.43	0.680	1.30

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		<b>Location ID:</b>	A3-IROQ5028	A3-IROQ5032A	A3-IROQ5055A	A3-IROQ5087	A3-IROQ5147	A3-IROQ5158	A3-IROQ5166	A3-IROQ5184	
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		<b>Address:</b>	5028 Iroquois Avenue	5032A Iroquois Avenue	5055A Iroquois Avenue	5087 Iroquois Avenue	5147 Iroquois Avenue	5158 Iroquois Avenue	5166 Iroquois Avenue	5184 Iroquois Avenue	
		<b>Field Sample ID:</b>	A3-TW-0017053-22162-N	A3-TW-0017054-22162-N	A3-TW-0017203-22162-N	A3-TW-0017226-22162-N	A3-TW-0016278-22162-N	A3-TW-0016283-22162-N	A3-TW-0016284-22162-N	A3-TW-0016480-22162-N	
		<b>Sample Date:</b>	2022-09-29	2022-09-27	2022-09-27	2022-08-19	2022-08-18	2022-08-17	2022-08-18	2022-08-19	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>								
Field Test (ppb)	Free Chlorine	4000	MCL	240	440	400	240	530	550	700	290
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	56.7	65.3	ND	ND	58.3	57.1	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	50.3	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	50.3	56.7	65.3	ND	ND	58.3	57.1	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	1.90	2.10	2.10	2.00	2.10	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	1.90	2.00	1.90	1.30	1.60	1.30	1.30	1.20
	Copper	1300	MCL	7.10	26.4	17.4	123	23.3	16.3	9.10	ND
	Lead	15	MCL	ND	0.340	0.230	1.00	0.380	ND	0.180	ND
	Mercury	2	MCL	0.0320	ND	ND	ND	ND	ND	0.0290	ND
	Selenium	50	MCL	ND	ND	ND	ND	0.350	0.360	ND	ND
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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		Location ID:	A3-IROQ5028	A3-IROQ5032A	A3-IROQ5055A	A3-IROQ5087	A3-IROQ5147	A3-IROQ5158	A3-IROQ5166	A3-IROQ5184	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5028 Iroquois Avenue	5032A Iroquois Avenue	5055A Iroquois Avenue	5087 Iroquois Avenue	5147 Iroquois Avenue	5158 Iroquois Avenue	5166 Iroquois Avenue	5184 Iroquois Avenue	
		Field Sample ID:	A3-TW-0017053-22162-N	A3-TW-0017054-22162-N	A3-TW-0017203-22162-N	A3-TW-0017226-22162-N	A3-TW-0016278-22162-N	A3-TW-0016283-22162-N	A3-TW-0016284-22162-N	A3-TW-0016480-22162-N	
		Sample Date:	2022-09-29	2022-09-27	2022-09-27	2022-08-19	2022-08-18	2022-08-17	2022-08-18	2022-08-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	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	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	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	A3-IROQ5028	A3-IROQ5032A	A3-IROQ5055A	A3-IROQ5087	A3-IROQ5147	A3-IROQ5158	A3-IROQ5166	A3-IROQ5184
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5028 Iroquois Avenue	5032A Iroquois Avenue	5055A Iroquois Avenue	5087 Iroquois Avenue	5147 Iroquois Avenue	5158 Iroquois Avenue	5166 Iroquois Avenue	5184 Iroquois Avenue
		Field Sample ID:	A3-TW-0017053-22162-N	A3-TW-0017054-22162-N	A3-TW-0017203-22162-N	A3-TW-0017226-22162-N	A3-TW-0016278-22162-N	A3-TW-0016283-22162-N	A3-TW-0016284-22162-N	A3-TW-0016480-22162-N
		Sample Date:	2022-09-29	2022-09-27	2022-09-27	2022-08-19	2022-08-18	2022-08-17	2022-08-18	2022-08-19
		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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	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	0.280	0.580	0.320	0.460	0.420
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.260	0.420	0.320	0.270	0.330
	Total Trihalomethanes	80	MCL	ND	ND	0.540	1.00	0.640	0.730	0.750

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5227	A3-IROQ5229B	A3-IROQ5286B	A3-IROQ5292A	A3-IROQ5293	A3-IROQ5310A		A3-IROQ5316A
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	5227 Iroquois Avenue	5229B Iroquois Avenue	5286B Iroquois Avenue	5292A Iroquois Avenue	5293 Iroquois Avenue	5310A Iroquois Avenue		5316A Iroquois Avenue
				Field Sample ID:	A3-TW-0016264-22162-N	A3-TW-0016266-22162-N	A3-TW-0017164-22162-N	A3-TW-0017165-22162-N	A3-TW-0016486-22162-N	A3-TW-0016496-22162-N	A3-TW-0016496-22162-N-R1	A3-TW-0016499-22162-N
				Sample Date:	2022-10-10	2022-10-10	2022-10-11	2022-09-27	2022-08-17	2022-10-10	2022-11-16	2022-09-27
				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	90.0	430	170	440	630	500	340	460	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	70.7	91.8	ND	ND	ND	ND	--	77.5	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons, Total	266	ISP	70.7	91.8	ND	ND	ND	ND	--	77.5	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Barium	2000	MCL	2.10	2.10	2.10	2.10	2.40	2.40	--	2.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Chromium	100	MCL	1.80	1.80	2.00	2.00	1.30	1.90	--	2.10	
	Copper	1300	MCL	17.5	31.1	18.4	22.3	38.0	12.6	--	10.1	
	Lead	15	MCL	0.240	ND	0.350	0.140	0.620	0.140	--	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	--	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	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	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	--	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	--	ND	

**Summary of Chemistry Results  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5227	A3-IROQ5229B	A3-IROQ5286B	A3-IROQ5292A	A3-IROQ5293	A3-IROQ5310A		A3-IROQ5316A
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	5227 Iroquois Avenue	5229B Iroquois Avenue	5286B Iroquois Avenue	5292A Iroquois Avenue	5293 Iroquois Avenue	5310A Iroquois Avenue		5316A Iroquois Avenue
				Field Sample ID:	A3-TW-0016264-22162-N	A3-TW-0016266-22162-N	A3-TW-0017164-22162-N	A3-TW-0017165-22162-N	A3-TW-0016486-22162-N	A3-TW-0016496-22162-N	A3-TW-0016496-22162-N-R1	A3-TW-0016499-22162-N
				Sample Date:	2022-10-10	2022-10-10	2022-10-11	2022-09-27	2022-08-17	2022-10-10	2022-11-16	2022-09-27
				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
	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



**Summary of Chemistry Results  
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		<b>Location ID:</b>	A3-IROQ5227	A3-IROQ5229B	A3-IROQ5286B	A3-IROQ5292A	A3-IROQ5293	A3-IROQ5310A		A3-IROQ5316A
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence		Residence
		<b>Address:</b>	5227 Iroquois Avenue	5229B Iroquois Avenue	5286B Iroquois Avenue	5292A Iroquois Avenue	5293 Iroquois Avenue	5310A Iroquois Avenue		5316A Iroquois Avenue
		<b>Field Sample ID:</b>	A3-TW-0016264-22162-N	A3-TW-0016266-22162-N	A3-TW-0017164-22162-N	A3-TW-0017165-22162-N	A3-TW-0016486-22162-N	A3-TW-0016496-22162-N	A3-TW-0016496-22162-N-R1	A3-TW-0016499-22162-N
		<b>Sample Date:</b>	2022-10-10	2022-10-10	2022-10-11	2022-09-27	2022-08-17	2022-10-10	2022-11-16	2022-09-27
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>							
Haloacetic Acids (ppb)	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
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.460	ND	2.20	ND	ND	--	ND
	Bromoform	--	--	6.70	0.340	9.30	0.290	0.350	0.810	1.20
	Chloroform	--	--	ND	ND	0.290	ND	ND	--	ND
	Dibromochloromethane	--	--	2.40	ND	7.90	ND	0.290	0.550	0.590
	Total Trihalomethanes	80	MCL	9.56	0.340	19.7	0.290	0.640	1.36	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4907B	A3-MOKU4907D	A3-MOKU4913C	A3-WEHA4835B	A3-WEHA4836B	A3-WEHA4838A		A3-WEHI4954D
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4907B Mokupea Place	4907D Mokupea Place	4913C Mokupea Place	4835B West Eha Way	4836B West Eha Way	4838A West Eha Way		4954D West Ehiku Way
				Field Sample ID:	A3-TW-0016865-22162-N	A3-TW-0016867-22162-N	A3-TW-0016651-22162-N	A3-TW-0016732-22162-N	A3-TW-0016736-22162-N	A3-TW-0016741-22162-3-N	A3-TW-0016741-22162-N	A3-TW-0016760-22162-N
				Sample Date:	2022-08-17	2022-08-17	2022-08-19	2022-09-27	2022-09-26	2022-08-03	2022-08-03	2022-08-17
				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	420	540	590	390	540	550	550	460	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	53.5	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	53.5	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.00	2.10	2.20	1.90	1.90	2.30	2.40	2.20	
	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	1.20	1.30	1.20	1.90	1.90	1.40	1.30	1.30	
	Copper	1300	MCL	9.70	12.5	16.4	8.40	7.30	5.00	5.10	9.70	
	Lead	15	MCL	0.620	ND	ND	ND	ND	ND	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.340	0.350	ND	
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:	A3-MOKU4907B	A3-MOKU4907D	A3-MOKU4913C	A3-WEHA4835B	A3-WEHA4836B	A3-WEHA4838A		A3-WEHI4954D
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4907B Mokupea Place	4907D Mokupea Place	4913C Mokupea Place	4835B West Eha Way	4836B West Eha Way	4838A West Eha Way		4954D West Ehiku Way
				Field Sample ID:	A3-TW-0016865-22162-N	A3-TW-0016867-22162-N	A3-TW-0016651-22162-N	A3-TW-0016732-22162-N	A3-TW-0016736-22162-N	A3-TW-0016741-22162-3-N	A3-TW-0016741-22162-N	A3-TW-0016760-22162-N
				Sample Date:	2022-08-17	2022-08-17	2022-08-19	2022-09-27	2022-09-26	2022-08-03	2022-08-03	2022-08-17
				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	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 A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Residences in Zone A3**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4907B	A3-MOKU4907D	A3-MOKU4913C	A3-WEHA4835B	A3-WEHA4836B	A3-WEHA4838A		A3-WEHI4954D
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4907B Mokupea Place	4907D Mokupea Place	4913C Mokupea Place	4835B West Eha Way	4836B West Eha Way	4838A West Eha Way		4954D West Ehiku Way
				Field Sample ID:	A3-TW-0016865-22162-N	A3-TW-0016867-22162-N	A3-TW-0016651-22162-N	A3-TW-0016732-22162-N	A3-TW-0016736-22162-N	A3-TW-0016741-22162-3-N	A3-TW-0016741-22162-N	A3-TW-0016760-22162-N
				Sample Date:	2022-08-17	2022-08-17	2022-08-19	2022-09-27	2022-09-26	2022-08-03	2022-08-03	2022-08-17
				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	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	--	--	0.330	0.310	0.290	0.310	0.410	0.630	0.660	0.530	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	0.310	0.250	0.260	0.320	ND	ND	0.390	
	Total Trihalomethanes	80	MCL	0.650	0.620	0.540	0.570	0.730	0.630	0.660	0.920	

**Summary of Chemistry Results  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEHI4955A	A3-WELU4773C	A3-WELU4773D	A3-WELU4774D
				Location Type:	Residence	Residence	Residence	Residence
				Address:	4955A West Ehiku Way	4773C West Elua Way	4773D West Elua Way	4774D West Elua Way
				Field Sample ID:	A3-TW-0016761-22162-N	A3-TW-0016827-22162-N	A3-TW-0016828-22162-N	A3-TW-0016832-22162-N
				Sample Date:	2022-08-17	2022-07-19	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	590	570	330	430	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	94.2	88.4	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	94.2	88.4	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	
	Barium	2000	MCL	2.40	2.10	2.10	2.10	
	Beryllium	4	MCL	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	
	Chromium	100	MCL	1.20	1.30	1.70	1.80	
	Copper	1300	MCL	10.5	13.8	23.4	9.20	
	Lead	15	MCL	ND	ND	ND	ND	
	Mercury	2	MCL	ND	0.0260	ND	ND	
	Selenium	50	MCL	ND	0.700	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEHI4955A	A3-WELU4773C	A3-WELU4773D	A3-WELU4774D
				Location Type:	Residence	Residence	Residence	Residence
				Address:	4955A West Ehiku Way	4773C West Elua Way	4773D West Elua Way	4774D West Elua Way
				Field Sample ID:	A3-TW-0016761-22162-N	A3-TW-0016827-22162-N	A3-TW-0016828-22162-N	A3-TW-0016832-22162-N
				Sample Date:	2022-08-17	2022-07-19	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEHI4955A	A3-WELU4773C	A3-WELU4773D	A3-WELU4774D
				Location Type:	Residence	Residence	Residence	Residence
				Address:	4955A West Ehiku Way	4773C West Elua Way	4773D West Elua Way	4774D West Elua Way
				Field Sample ID:	A3-TW-0016761-22162-N	A3-TW-0016827-22162-N	A3-TW-0016828-22162-N	A3-TW-0016832-22162-N
				Sample Date:	2022-08-17	2022-07-19	2022-10-10	2022-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	0.690	0.620	0.440	0.380	
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.520	0.520	0.340	0.270	
	Total Trihalomethanes	80	MCL	1.21	1.14	0.780	0.650	

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Schools in Zone A3**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-CORM5553					Location ID: A3-IROQ5111			
				Location Type: School					Location Type: School			
				Address: 5553 Cormorant Ave, Iroquois Point Elementary					Address: 5111 Iroquois Ave, Iroquois Point Pre-School			
				Field Sample ID:	A3-TW-0012582-22162-N-1	A3-TW-0012582-22162-N-2	A3-TW-0012582-22162-N-3	A3-TW-0012582-22162-N-4	A3-TW-0012582-22162-N-5	A3-TW-0012569-22162-N-1	A3-TW-0012569-22162-N-2	A3-TW-0012569-22162-N-3
				Sample Date:	2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-22	2022-08-22	2022-08-22
				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	310-590	310-590	310-590	310-590	310-590	420-570	420-570	420-570	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.6	ND	ND	ND	ND	ND	ND	71.7	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	54.6	ND	ND	ND	ND	ND	ND	71.7	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	0.230	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.20	2.20	2.20	2.20	2.10	2.00	2.00	2.10	
	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	1.30	1.50	1.40	1.20	1.50	1.50	1.50	
	Copper	1300	MCL	17.7	156	102	93.2	26.4	70.0	74.7	70.7	
	Lead	15	MCL	0.350	1.00	0.300	0.270	0.340	ND	ND	0.420	
	Mercury	2	MCL	0.0320	0.0280	0.0300	0.0290	ND	ND	ND	ND	
	Selenium	50	MCL	0.490	0.480	0.430	ND	0.390	ND	0.310	0.340	
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	



**Summary of Chemistry Results  
Zone A3 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: A3-CORM5553					Location ID: A3-IROQ5111			
				Location Type: School					Location Type: School			
				Address: 5553 Cormorant Ave, Iroquois Point Elementary					Address: 5111 Iroquois Ave, Iroquois Point Pre-School			
				Field Sample ID:	A3-TW-0012582-22162-N-1	A3-TW-0012582-22162-N-2	A3-TW-0012582-22162-N-3	A3-TW-0012582-22162-N-4	A3-TW-0012582-22162-N-5	A3-TW-0012569-22162-N-1	A3-TW-0012569-22162-N-2	A3-TW-0012569-22162-N-3
				Sample Date:	2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-22	2022-08-22	2022-08-22
				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

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		Location ID: A3-CORM5553			Location ID: A3-IROQ5111						
		Location Type: School			Location Type: School						
		Address: 5553 Cormorant Ave, Iroquois Point Elementary			Address: 5111 Iroquois Ave, Iroquois Point Pre-School						
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:				
		A3-TW-0012582-22162-N-1	A3-TW-0012582-22162-N-2	A3-TW-0012582-22162-N-3	A3-TW-0012582-22162-N-4	A3-TW-0012582-22162-N-5	A3-TW-0012569-22162-N-1	A3-TW-0012569-22162-N-2	A3-TW-0012569-22162-N-3		
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:		
		2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-18	2022-08-22	2022-08-22	2022-08-22		
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	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	--	--	0.480	0.550	0.450	0.560	0.470	0.270	0.290	0.360
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.370	0.420	0.390	0.400	0.350	ND	ND	0.290
	Total Trihalomethanes	80	MCL	0.850	0.970	0.840	0.960	0.820	0.270	0.290	0.650

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		<b>Location ID:</b>		A3-IROQ5111	
		<b>Location Type:</b>		School	
		<b>Address:</b>		5111 Iroquois Ave, Iroquois Point Pre-School	
		<b>Field Sample ID:</b>		A3-TW-0012569-22162-N-4	A3-TW-0012569-22162-N-5
		<b>Sample Date:</b>		2022-08-22	2022-08-22
		<b>Sample Type:</b>		N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>		
Field Test (ppb)	Free Chlorine	4000	MCL	420-570	420-570
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 Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.200
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	2.00	2.10
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.40	1.40
	Copper	1300	MCL	62.2	27.2
	Lead	15	MCL	ND	0.320
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	ND	0.340
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

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Schools in Zone A3**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

<b>Location ID:</b>	A3-IROQ5111	
<b>Location Type:</b>	School	
<b>Address:</b>	5111 Iroquois Ave, Iroquois Point Pre-School	
<b>Field Sample ID:</b>	A3-TW-0012569-22162-N-4	A3-TW-0012569-22162-N-5
<b>Sample Date:</b>	2022-08-22	2022-08-22
<b>Sample Type:</b>	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
	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

**Summary of Chemistry Results  
 Zone A3 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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<b>Location ID:</b>	A3-IROQ5111	
<b>Location Type:</b>	School	
<b>Address:</b>	5111 Iroquois Ave, Iroquois Point Pre-School	
<b>Field Sample ID:</b>	A3-TW-0012569-22162-N-4	A3-TW-0012569-22162-N-5
<b>Sample Date:</b>	2022-08-22	2022-08-22
<b>Sample Type:</b>	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	--	--	ND	ND
	Bromoform	--	--	0.250	0.300
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	0.270	0.270
	Total Trihalomethanes	80	MCL	0.520	0.570

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone A3**

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N (Grab, Resample) = Additional follow-up sample

				Location ID:	A3-BLDG6876	A3-BLDG6890	A3-BLDG6892
				Location Type:	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 6876,	Building 6890,	Building 6892,
				Field Sample ID:	A3-TW-0014383-22162-N	A3-TW-0014386-22162-N	A3-TW-0014381-22162-N
				Sample Date:	2022-10-10	2022-10-10	2022-10-10
				Sample Type:	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	660	350	460	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.6	67.3	54.1	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	63.6	67.3	54.1	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	
	Barium	2000	MCL	2.00	2.10	2.00	
	Beryllium	4	MCL	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	
	Chromium	100	MCL	1.80	1.70	1.80	
	Copper	1300	MCL	32.2	114	33.6	
	Lead	15	MCL	0.140	0.300	ND	
	Mercury	2	MCL	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	
	Thallium	2	MCL	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone A3**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:
				A3-BLDG6876	A3-BLDG6890	A3-BLDG6892
				Location Type:	Location Type:	Location Type:
				Non-Residence	Non-Residence	Non-Residence
				Address:	Address:	Address:
				Building 6876,	Building 6890,	Building 6892,
				Field Sample ID:	Field Sample ID:	Field Sample ID:
				A3-TW-0014383-22162-N	A3-TW-0014386-22162-N	A3-TW-0014381-22162-N
				Sample Date:	Sample Date:	Sample Date:
				2022-10-10	2022-10-10	2022-10-10
				Sample Type:	Sample Type:	Sample Type:
				N (Normal)	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
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Other Buildings in Zone A3**

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N (Grab, Resample) = Additional follow-up sample

		<b>Location ID:</b>	A3-BLDG6876	A3-BLDG6890	A3-BLDG6892	
		<b>Location Type:</b>	Non-Residence	Non-Residence	Non-Residence	
		<b>Address:</b>	Building 6876,	Building 6890,	Building 6892,	
		<b>Field Sample ID:</b>	A3-TW-0014383-22162-N	A3-TW-0014386-22162-N	A3-TW-0014381-22162-N	
		<b>Sample Date:</b>	2022-10-10	2022-10-10	2022-10-10	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	0.260	0.390	0.270
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.310	ND
	Total Trihalomethanes	80	MCL	0.260	0.700	0.270



**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone A3**

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N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809		A3-HYD908	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	
		Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28		SA-JFH-72	
		Field Sample ID:	A3-DL-0000504-22162 -N	A3-DL-0017762-22162 -N	A3-DL-0017763-22162 -N	A3-DL-0017764-22162 -N	A3-DL-0017765-22162 -N	A3-DL-0017766-22162 -3-N	A3-DL-0017766-22162 -N	A3-DL-0017767-22162 -N	
		Sample Date:	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	440	480	30.0	530	360	310	310	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	630	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	79.8	ND	52.8	ND	51.5	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	79.8	ND	52.8	ND	51.5	ND
Metals (ppb)	Antimony	6	MCL	0.230	ND	0.130	ND	ND	ND	0.290	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.60	2.20	37.5	2.00	1.90	2.10	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	0.0630	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.20	1.10	1.20	1.20	1.40	1.40	1.40
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.340	ND	2.40	ND	ND	ND	0.470	ND
	Thallium	2	MCL	ND	0.0680	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	0.430
	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 A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone A3**

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		Location ID:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809		A3-HYD908
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant
		Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28		SA-JFH-72
		Field Sample ID:	A3-DL-0000504-22162 -N	A3-DL-0017762-22162 -N	A3-DL-0017763-22162 -N	A3-DL-0017764-22162 -N	A3-DL-0017765-22162 -N	A3-DL-0017766-22162 -3-N	A3-DL-0017766-22162 -N	A3-DL-0017767-22162 -N
		Sample Date:	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	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
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
Trichloroacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone A3 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:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809		A3-HYD908
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28		SA-JFH-72
				Field Sample ID:	A3-DL-0000504-22162 -N	A3-DL-0017762-22162 -N	A3-DL-0017763-22162 -N	A3-DL-0017764-22162 -N	A3-DL-0017765-22162 -N	A3-DL-0017766-22162 -3-N	A3-DL-0017766-22162 -N	A3-DL-0017767-22162 -N
				Sample Date:	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19	2022-08-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.340	ND	5.00	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.950	ND	28.9	ND	ND	ND	ND	ND	0.360
	Chloroform	--	--	ND	ND	6.20	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.840	ND	9.80	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.13	ND	49.9	ND	ND	ND	ND	ND	0.360

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

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N (Normal) = Full compliance sample
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<b>Location ID:</b>	A3-HYD920
<b>Location Type:</b>	Hydrant
<b>Address:</b>	SA-JFH-7
<b>Field Sample ID:</b>	A3-DL-0017768-22162 -N
<b>Sample Date:</b>	2022-10-11
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	500
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	1.90
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	1.80
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
	Thallium	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND

**Summary of Chemistry Results  
Zone A3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-December 2022 from Fire Hydrants in Zone A3**

<b>Notes:</b>
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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<b>Field Sample ID:</b>	A3-DL-0017768-22162 -N
<b>Sample Date:</b>	2022-10-11
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
	Xylenes, Total	10000	MCL	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--
Chloroacetic acid		--	--	ND
Dibromoacetic acid		--	--	ND
Dichloroacetic acid		--	--	ND
Trichloroacetic acid		--	--	ND
Total Haloacetic acids		60	MCL	ND

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<b>Location Type:</b>	Hydrant
<b>Address:</b>	SA-JFH-7
<b>Field Sample ID:</b>	A3-DL-0017768-22162 -N
<b>Sample Date:</b>	2022-10-11
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.280
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	0.280