

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

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:		A2-CATA1164		A2-CATA1167		A2-CATA1211		A2-DAUN4882		A2-DAUN4898		A2-DAUN4913	
		Location Type:		Residence		Residence		Residence		Residence		Residence		Residence	
		Address:		1164 Catalina Drive		1167 Catalina Drive		1211 Catalina Drive		4882 Dauntless Drive		4898 Dauntless Drive		4913 Dauntless Drive	
		Field Sample ID:		A2-TW-0001804-23145-N	A2-TW-0001804-23145-3-N	A2-TW-0001806-23145-N	A2-TW-0001822-23145-N	A2-TW-0000376-23145-N	A2-TW-0001837-23145-N	A2-TW-0000385-23145-N-T	A2-TW-0000385-23145-N-T-R1				
		Sample Date:		2023-09-22	2023-09-22	2023-07-10	2023-07-13	2023-07-18	2023-07-17	2023-06-27	2023-08-04				
		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												
Field Test (ppb)	Free Chlorine	4000	MCL	440	440	490	570	560	500	80.0	620				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	980	ND				
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	77.4	52.7	ND	ND	73.7	57.9	ND	ND				
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	266	ISP	77.4	52.7	ND	ND	73.7	57.9	ND	ND				
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.120	ND				
	Arsenic	10	MCL	ND	ND	ND	ND	0.560	ND	ND	ND				
	Barium	2000	MCL	1.90	1.90	1.80	1.80	1.80	1.80	1.90	1.80				
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Chromium	100	MCL	ND	ND	1.80	0.760	0.830	1.10	2.00	0.730				
	Copper	1300	MCL	24.8	24.9	27.5	36.6	53.4	70.7	146	41.3				
	Lead	15	MCL	0.410	0.390	0.180	0.250	0.220	0.350	0.470	0.510				
	Mercury	2	MCL	ND	ND	0.0420	ND	ND	ND	ND	ND				
	Selenium	50	MCL	1.80	1.80	ND	2.80	3.00	2.10	ND	1.80				
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0510	ND	ND	0.0550	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	0.0160	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:	A2-CATA1164		A2-CATA1167	A2-CATA1211	A2-DAUN4882	A2-DAUN4898	A2-DAUN4913	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	1164 Catalina Drive		1167 Catalina Drive	1211 Catalina Drive	4882 Dauntless Drive	4898 Dauntless Drive	4913 Dauntless Drive	
		Field Sample ID:	A2-TW-0001804-23145-N	A2-TW-0001804-23145-3-N	A2-TW-0001806-23145-N	A2-TW-0001822-23145-N	A2-TW-0000376-23145-N	A2-TW-0001837-23145-N	A2-TW-0000385-23145-N-T	A2-TW-0000385-23145-N-T-R1
		Sample Date:	2023-09-22	2023-09-22	2023-07-10	2023-07-13	2023-07-18	2023-07-17	2023-06-27	2023-08-04
		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							
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 ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence	Field Sample ID:
				1164 Catalina Drive	1167 Catalina Drive	1211 Catalina Drive	4882 Dauntless Drive	4898 Dauntless Drive	4913 Dauntless Drive						
				A2-TW-0001804-23145-N	A2-TW-0001804-23145-3-N	A2-TW-0001806-23145-N	A2-TW-0001822-23145-N	A2-TW-0000376-23145-N	A2-TW-0001837-23145-N	A2-TW-0000385-23145-N-T	A2-TW-0000385-23145-N-T-R1				
				2023-09-22	2023-09-22	2023-07-10	2023-07-13	2023-07-18	2023-07-17	2023-06-27	2023-08-04				
				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	0.370	ND				
	Bromoform	--	--	ND	ND	ND	0.300	ND	ND	1.20	ND				
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.950	ND				
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.300	ND	ND	2.52	ND				

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-KAME4755		A2-KAME4824	A2-KAME5010		A2-KAME5029	A2-KAME5041	
				Residence	Residence	Residence	Residence	Residence	Residence		
				4755 Kamehameha Loop		4824 Kamehameha Loop	5010 Kamehameha Loop		5029 Kamehameha Loop	5041 Kamehameha Loop	
				A2-TW-0001857-23145-N	A2-TW-0001857-23145-3-N	A2-TW-0001875-23145-N	A2-TW-0001916-23145-N	A2-TW-0001916-23145-3-N	A2-TW-0001917-23145-N	A2-TW-0001922-23145-N	A2-TW-0001922-23145-3-N
				2023-10-19	2023-10-19	2023-07-17	2023-07-10	2023-07-10	2023-07-13	2023-07-17	2023-07-17
				N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	500	500	720	550	550	350	610	610
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	220	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	62.8	ND	66.3	ND	ND	ND	54.3	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	62.8	ND	66.3	ND	ND	ND	54.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.130	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.80	1.80	1.90	1.80	1.80	1.90	2.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	1.10	1.80	1.80	0.760	1.20	1.20
	Copper	1300	MCL	34.9	34.1	35.0	32.5	28.8	55.0	32.4	42.8
	Lead	15	MCL	0.140	0.140	0.180	0.210	0.180	0.220	0.920	1.10
	Mercury	2	MCL	ND	ND	ND	ND	0.0420	ND	ND	ND
	Selenium	50	MCL	1.80	1.30	2.00	ND	ND	2.70	2.10	2.00
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0670	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	0.430	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: A2-KAME4755		Location ID: A2-KAME4824		Location ID: A2-KAME5010		Location ID: A2-KAME5029		Location ID: A2-KAME5041	
				Location Type: Residence	Address: 4755 Kamehameha Loop	Location Type: Residence	Address: 4824 Kamehameha Loop	Location Type: Residence	Address: 5010 Kamehameha Loop	Location Type: Residence	Address: 5029 Kamehameha Loop	Location Type: Residence	Address: 5041 Kamehameha Loop
				Field Sample ID: A2-TW-0001857-23145-N	Field Sample ID: A2-TW-0001857-23145-3-N	Field Sample ID: A2-TW-0001875-23145-N	Field Sample ID: A2-TW-0001916-23145-N	Field Sample ID: A2-TW-0001916-23145-3-N	Field Sample ID: A2-TW-0001917-23145-N	Field Sample ID: A2-TW-0001922-23145-N	Field Sample ID: A2-TW-0001922-23145-3-N	Field Sample ID: A2-TW-0001922-23145-3-N	Field Sample ID: A2-TW-0001922-23145-3-N
				Sample Date: 2023-10-19	Sample Date: 2023-10-19	Sample Date: 2023-07-17	Sample Date: 2023-07-10	Sample Date: 2023-07-10	Sample Date: 2023-07-13	Sample Date: 2023-07-17	Sample Date: 2023-07-17	Sample Date: 2023-07-17	Sample Date: 2023-07-17
				Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	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
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:		Residence		Residence		Residence		Residence		Residence	
		Address:		4755 Kamehameha Loop		4824 Kamehameha Loop		5010 Kamehameha Loop		5029 Kamehameha Loop		5041 Kamehameha Loop	
		Field Sample ID:		A2-TW-0001857-23145-N	A2-TW-0001857-23145-3-N	A2-TW-0001875-23145-N	A2-TW-0001916-23145-N	A2-TW-0001916-23145-3-N	A2-TW-0001917-23145-N	A2-TW-0001922-23145-N	A2-TW-0001922-23145-3-N		
		Sample Date:		2023-10-19	2023-10-19	2023-07-17	2023-07-10	2023-07-10	2023-07-13	2023-07-17	2023-07-17		
		Sample Type:		N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	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
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	1.20	0.650	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.250	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND	1.45	0.650	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-KAME5045	A2-KAME5136	A2-KAME5161	A2-KAME5182		A2-KAME5188	A2-KAME5248	A2-LEXI4604
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	5045 Kamehameha Loop	5136 Kamehameha Loop	5161 Kamehameha Loop	5182 Kamehameha Loop		5188 Kamehameha Loop	5248 Kamehameha Loop	4604 Lexington Boulevard
				Field Sample ID:	A2-TW-0001924-23145-N	A2-TW-0001944-23145-N	A2-TW-0001948-23145-N	A2-TW-0001951-23145-N	A2-TW-0001951-23145-3-N	A2-TW-0001956-23145-N	A2-TW-0001966-23145-N	A2-TW-0001978-23145-N
				Sample Date:	2023-07-17	2023-07-10	2023-07-18	2023-08-18	2023-08-18	2023-07-14	2023-07-10	2023-08-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	500	640	680	390	390	450	360	260	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	69.0	ND	77.5	59.1	77.6	63.5	ND	77.3	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	66.6	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	69.0	ND	77.5	126	77.6	63.5	ND	77.3	
Metals (ppb)	Antimony	6	MCL	ND	0.100	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	0.570	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.80	1.90	1.90	1.90	1.80	2.00	1.90	1.90	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.10	1.80	0.930	ND	ND	0.830	1.80	ND	
	Copper	1300	MCL	40.9	24.5	41.4	51.4	49.3	70.3	126	96.8	
	Lead	15	MCL	0.710	0.230	0.360	0.380	0.820	0.420	0.220	0.440	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0420	ND	
	Selenium	50	MCL	2.10	ND	3.30	1.30	1.20	2.90	ND	1.50	
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	1.00	ND	ND	4.10	2.60	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

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Zone A2 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-KAME5045	A2-KAME5136	A2-KAME5161	A2-KAME5182		A2-KAME5188	A2-KAME5248	A2-LEXI4604
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					5045 Kamehameha Loop	5136 Kamehameha Loop	5161 Kamehameha Loop	5182 Kamehameha Loop		5188 Kamehameha Loop	5248 Kamehameha Loop	4604 Lexington Boulevard
					A2-TW-0001924-23145-N	A2-TW-0001944-23145-N	A2-TW-0001948-23145-N	A2-TW-0001951-23145-N	A2-TW-0001951-23145-3-N	A2-TW-0001956-23145-N	A2-TW-0001966-23145-N	A2-TW-0001978-23145-N
					2023-07-17	2023-07-10	2023-07-18	2023-08-18	2023-08-18	2023-07-14	2023-07-10	2023-08-18
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-KAME5045	A2-KAME5136	A2-KAME5161	A2-KAME5182		A2-KAME5188	A2-KAME5248	A2-LEXI4604
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					5045 Kamehameha Loop	5136 Kamehameha Loop	5161 Kamehameha Loop	5182 Kamehameha Loop		5188 Kamehameha Loop	5248 Kamehameha Loop	4604 Lexington Boulevard
					A2-TW-0001924-23145-N	A2-TW-0001944-23145-N	A2-TW-0001948-23145-N	A2-TW-0001951-23145-N	A2-TW-0001951-23145-3-N	A2-TW-0001956-23145-N	A2-TW-0001966-23145-N	A2-TW-0001978-23145-N
					2023-07-17	2023-07-10	2023-07-18	2023-08-18	2023-08-18	2023-07-14	2023-07-10	2023-08-18
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.300	ND	ND	0.520	ND	0.310	0.630	0.360	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	0.280	ND	ND	
	Total Trihalomethanes	80	MCL	0.300	ND	ND	0.520	ND	0.590	0.630	0.360	

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		Location ID:	A2-LEXI4678	A2-MARY4701	A2-NEVA4666	A2-NEVA4690	A2-NEVA4692	A2-NEVA4712	A2-OKLA4669	A2-OKLA4671	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4678 Lexington Boulevard	4701 Maryland Street	4666 Nevada Street	4690 Nevada Street	4692 Nevada Street	4712 Nevada Street	4669 Oklahoma Avenue	4671 Oklahoma Avenue	
		Field Sample ID:	A2-TW-0001985-23145-N-T	A2-TW-0001989-23145-N	A2-TW-0001999-23145-N	A2-TW-0002007-23145-N	A2-TW-0002008-23145-N	A2-TW-0002017-23145-N	A2-TW-0002019-23145-N-T	A2-TW-0002020-23145-N	
		Sample Date:	2023-06-27	2023-07-18	2023-07-18	2023-07-19	2023-07-10	2023-07-18	2023-06-27	2023-07-17	
		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	A2-LEXI4678	A2-MARY4701	A2-NEVA4666	A2-NEVA4690	A2-NEVA4692	A2-NEVA4712	A2-OKLA4669	A2-OKLA4671
Field Test (ppb)	Free Chlorine	4000	MCL	500	180	690	620	600	600	480	440
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	61.3	70.1	76.2	ND	ND	66.6	62.9	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	61.3	70.1	76.2	ND	ND	66.6	62.9	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.100	ND
	Arsenic	10	MCL	ND	0.520	ND	0.550	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	1.90	1.90	1.80	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.90	0.820	0.810	0.870	2.00	0.900	1.90	1.10
	Copper	1300	MCL	7.70	12.0	3.70	5.20	8.20	18.3	11.4	12.2
	Lead	15	MCL	0.370	0.500	0.210	0.370	0.500	0.790	0.580	0.580
	Mercury	2	MCL	ND	ND	ND	ND	0.0400	ND	ND	ND
	Selenium	50	MCL	ND	2.70	3.20	2.70	ND	2.60	ND	1.90
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:	A2-LEXI4678	A2-MARY4701	A2-NEVA4666	A2-NEVA4690	A2-NEVA4692	A2-NEVA4712	A2-OKLA4669	A2-OKLA4671
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					4678 Lexington Boulevard	4701 Maryland Street	4666 Nevada Street	4690 Nevada Street	4692 Nevada Street	4712 Nevada Street	4669 Oklahoma Avenue	4671 Oklahoma Avenue
					A2-TW-0001985-23145-N-T	A2-TW-0001989-23145-N	A2-TW-0001999-23145-N	A2-TW-0002007-23145-N	A2-TW-0002008-23145-N	A2-TW-0002017-23145-N	A2-TW-0002019-23145-N-T	A2-TW-0002020-23145-N
					2023-06-27	2023-07-18	2023-07-18	2023-07-19	2023-07-10	2023-07-18	2023-06-27	2023-07-17
					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 Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4678 Lexington Boulevard	4701 Maryland Street	4666 Nevada Street	4690 Nevada Street	4692 Nevada Street	4712 Nevada Street	4669 Oklahoma Avenue	4671 Oklahoma Avenue
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		Sample Date:	2023-06-27	2023-07-18	2023-07-18	2023-07-19	2023-07-10	2023-07-18	2023-06-27	2023-07-17
		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							
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	0.540	ND	ND	0.610	0.540	ND
	Bromoform	--	--	ND	1.40	0.530	ND	1.50	0.830	ND
	Chloroform	--	--	ND	0.320	ND	ND	0.330	ND	ND
	Dibromochloromethane	--	--	ND	1.50	0.500	ND	1.40	1.10	ND
	Total Trihalomethanes	80	MCL	ND	3.76	1.03	ND	3.84	2.47	ND

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		Location ID:	A2-OKLA4692	A2-OKLA4704	A2-OKLA4710	A2-PRIN4514	A2-PRIN4543	A2-PRIN4552	A2-SARA1029	A2-TOMA4904	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4692 Oklahoma Avenue	4704 Oklahoma Avenue	4710 Oklahoma Avenue	4514 Princeton Place	4543 Princeton Place	4552 Princeton Place	1029 Saratoga Boulevard	4904 Tomahawk Street	
		Field Sample ID:	A2-TW-0002026-23145-N	A2-TW-0002029-23145-N	A2-TW-0002031-23145-N	A2-TW-0002034-23145-N	A2-TW-0002038-23145-N	A2-TW-0002040-23145-N	A2-TW-0002047-23145-N	A2-TW-0002060-23145-N	
		Sample Date:	2023-09-22	2023-07-13	2023-07-10	2023-08-18	2023-09-22	2023-07-10	2023-07-10	2023-08-18	
		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	A2-OKLA4692	A2-OKLA4704	A2-OKLA4710	A2-PRIN4514	A2-PRIN4543	A2-PRIN4552	A2-SARA1029	A2-TOMA4904
Field Test (ppb)	Free Chlorine	4000	MCL	540	530	420	500	550	550	640	410
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	65.5	ND	ND	62.4	84.2	ND	ND	65.6
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	65.5	ND	ND	62.4	84.2	ND	ND	65.6
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	1.80	1.90	1.80	1.80	1.90	2.00	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	0.690	2.00	ND	ND	2.00	1.90	ND
	Copper	1300	MCL	5.00	6.90	62.2	32.8	28.1	17.3	10.8	65.8
	Lead	15	MCL	0.350	0.320	9.70	0.410	0.220	0.800	0.360	0.430
	Mercury	2	MCL	ND	ND	0.0310	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	2.70	ND	1.20	2.00	ND	ND	1.20
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	0.0170	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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Zone A2 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:	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:
				A2-OKLA4692	A2-OKLA4704	A2-OKLA4710	A2-PRIN4514	A2-PRIN4543	A2-PRIN4552	A2-SARA1029	A2-TOMA4904
				Location Type:	Location Type:	Location Type:	Location Type:	Location Type:	Location Type:	Location Type:	Location Type:
				Address:	Address:	Address:	Address:	Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	1,1-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
Zone A2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	A2-OKLA4692	A2-OKLA4704	A2-OKLA4710	A2-PRIN4514	A2-PRIN4543	A2-PRIN4552	A2-SARA1029	A2-TOMA4904
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4692 Oklahoma Avenue	4704 Oklahoma Avenue	4710 Oklahoma Avenue	4514 Princeton Place	4543 Princeton Place	4552 Princeton Place	1029 Saratoga Boulevard	4904 Tomahawk Street
		Field Sample ID:	A2-TW-0002026-23145-N	A2-TW-0002029-23145-N	A2-TW-0002031-23145-N	A2-TW-0002034-23145-N	A2-TW-0002038-23145-N	A2-TW-0002040-23145-N	A2-TW-0002047-23145-N	A2-TW-0002060-23145-N
		Sample Date:	2023-09-22	2023-07-13	2023-07-10	2023-08-18	2023-09-22	2023-07-10	2023-07-10	2023-08-18
		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							
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	0.490	ND	ND	ND	ND
	Bromoform	--	--	ND	0.320	1.40	ND	ND	0.660	0.330
	Chloroform	--	--	ND	ND	0.260	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.470	1.20	ND	ND	0.380	0.300
	Total Trihalomethanes	80	MCL	ND	0.790	3.35	ND	ND	1.04	0.630

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		Location ID:	A2-TOMA4912	A2-TOMA4944	A2-TOMA4960	A2-TOMA4974	A2-VEST5692	A2-VEST5706	A2-WASP4912	A2-WASP4916	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4912 Tomahawk Street	4944 Tomahawk Street	4960 Tomahawk Street	4974 Tomahawk Street	5692 Vestal Lane	5706 Vestal Lane	4912 Wasp Boulevard	4916 Wasp Boulevard	
		Field Sample ID:	A2-TW-0002066-23145-N	A2-TW-0002084-23145-N	A2-TW-0002094-23145-N	A2-TW-0002100-23145-N	A2-TW-0002105-23145-N	A2-TW-0002110-23145-N	A2-TW-0002115-23145-N	A2-TW-0002116-23145-N	
		Sample Date:	2023-07-10	2023-07-17	2023-07-17	2023-07-14	2023-09-22	2023-07-10	2023-09-22	2023-07-14	
		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	700	570	570	540	650	560	540	590
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	52.1	69.3	ND	72.5	ND	60.3	74.8
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	52.1	69.3	ND	72.5	ND	60.3	74.8
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	0.600	ND	ND	ND
	Barium	2000	MCL	1.90	2.20	2.30	2.00	1.90	1.90	1.90	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.80	1.20	1.20	0.840	ND	1.90	ND	0.770
	Copper	1300	MCL	137	40.4	21.8	46.5	6.00	5.70	34.4	43.9
	Lead	15	MCL	0.550	0.580	0.630	0.400	0.270	0.430	0.310	0.680
	Mercury	2	MCL	0.0380	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	2.20	2.00	2.90	3.00	ND	1.90	2.90
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 A2 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-TOMA4912	A2-TOMA4944	A2-TOMA4960	A2-TOMA4974	A2-VEST5692	A2-VEST5706	A2-WASP4912	A2-WASP4916
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4912 Tomahawk Street	4944 Tomahawk Street	4960 Tomahawk Street	4974 Tomahawk Street	5692 Vestal Lane	5706 Vestal Lane	4912 Wasp Boulevard	4916 Wasp Boulevard
				Field Sample ID:	A2-TW-0002066-23145-N	A2-TW-0002084-23145-N	A2-TW-0002094-23145-N	A2-TW-0002100-23145-N	A2-TW-0002105-23145-N	A2-TW-0002110-23145-N	A2-TW-0002115-23145-N	A2-TW-0002116-23145-N
				Sample Date:	2023-07-10	2023-07-17	2023-07-17	2023-07-14	2023-09-22	2023-07-10	2023-09-22	2023-07-14
				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:	A2-TOMA4912	A2-TOMA4944	A2-TOMA4960	A2-TOMA4974	A2-VEST5692	A2-VEST5706	A2-WASP4912	A2-WASP4916
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4912 Tomahawk Street	4944 Tomahawk Street	4960 Tomahawk Street	4974 Tomahawk Street	5692 Vestal Lane	5706 Vestal Lane	4912 Wasp Boulevard	4916 Wasp Boulevard
		Field Sample ID:	A2-TW-0002066-23145-N	A2-TW-0002084-23145-N	A2-TW-0002094-23145-N	A2-TW-0002100-23145-N	A2-TW-0002105-23145-N	A2-TW-0002110-23145-N	A2-TW-0002115-23145-N	A2-TW-0002116-23145-N
		Sample Date:	2023-07-10	2023-07-17	2023-07-17	2023-07-14	2023-09-22	2023-07-10	2023-09-22	2023-07-14
		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	--	--	0.750	ND	0.730	ND	ND	0.590	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.480	ND	0.600	ND	ND	0.410	ND
	Total Trihalomethanes	80	MCL	1.23	ND	1.33	ND	ND	1.00	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-WASP4976	A2-WEST1027	A2-WEST1039	A2-WILD5952	A2-WILD5954	A2-YORK4770	A2-YORK4808	A2-YORK4812
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4976 Wasp Boulevard	1027 West Virginia Street	1039 West Virginia Street	5952 Wildcat Lane	5954 Wildcat Lane	4770 Yorktown Boulevard	4808 Yorktown Boulevard	4812 Yorktown Boulevard
				Field Sample ID:	A2-TW-0002129-23145-N	A2-TW-0002138-23145-N	A2-TW-0002145-23145-N	A2-TW-0002150-23145-N	A2-TW-0002151-23145-N	A2-TW-0002156-23145-N	A2-TW-0002163-23145-N	A2-TW-0002164-23145-N
				Sample Date:	2023-07-10	2023-07-13	2023-07-13	2023-09-22	2023-07-17	2023-07-10	2023-07-17	2023-07-17
				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	210	530	540	60.0	550	610	510	170	
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	72.5	58.6	ND	51.4	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	72.5	58.6	ND	51.4	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	1.80	2.00	1.80	2.00	2.10	1.90	1.80	ND	ND
	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	1.80	0.800	0.760	ND	1.20	2.00	1.20	1.20	1.20
	Copper	1300	MCL	17.0	7.80	5.10	20.0	37.3	16.0	31.2	2.10	2.10
	Lead	15	MCL	0.420	0.450	0.360	0.210	0.440	0.490	0.380	ND	ND
	Mercury	2	MCL	0.0450	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	3.00	2.70	2.00	1.90	ND	2.20	0.570	0.570
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0720	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-WASP4976	A2-WEST1027	A2-WEST1039	A2-WILD5952	A2-WILD5954	A2-YORK4770	A2-YORK4808	A2-YORK4812
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4976 Wasp Boulevard	1027 West Virginia Street	1039 West Virginia Street	5952 Wildcat Lane	5954 Wildcat Lane	4770 Yorktown Boulevard	4808 Yorktown Boulevard	4812 Yorktown Boulevard
				Field Sample ID:	A2-TW-0002129-23145-N	A2-TW-0002138-23145-N	A2-TW-0002145-23145-N	A2-TW-0002150-23145-N	A2-TW-0002151-23145-N	A2-TW-0002156-23145-N	A2-TW-0002163-23145-N	A2-TW-0002164-23145-N
				Sample Date:	2023-07-10	2023-07-13	2023-07-13	2023-09-22	2023-07-17	2023-07-10	2023-07-17	2023-07-17
				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

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

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

		Location ID:	A2-WASP4976	A2-WEST1027	A2-WEST1039	A2-WILD5952	A2-WILD5954	A2-YORK4770	A2-YORK4808	A2-YORK4812
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4976 Wasp Boulevard	1027 West Virginia Street	1039 West Virginia Street	5952 Wildcat Lane	5954 Wildcat Lane	4770 Yorktown Boulevard	4808 Yorktown Boulevard	4812 Yorktown Boulevard
		Field Sample ID:	A2-TW-0002129-23145-N	A2-TW-0002138-23145-N	A2-TW-0002145-23145-N	A2-TW-0002150-23145-N	A2-TW-0002151-23145-N	A2-TW-0002156-23145-N	A2-TW-0002163-23145-N	A2-TW-0002164-23145-N
		Sample Date:	2023-07-10	2023-07-13	2023-07-13	2023-09-22	2023-07-17	2023-07-10	2023-07-17	2023-07-17
		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							
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	--	--	0.500	0.330	0.380	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.350	0.440	0.430	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.850	0.770	0.810	ND	ND	ND	ND

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

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

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All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	A2-YORK4852
Location Type:	Residence
Address:	4852 Yorktown Boulevard
Field Sample ID:	A2-TW-0002172-23145-N
Sample Date:	2023-07-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	700
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	82.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	82.9
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	0.540
	Barium	2000	MCL	1.80
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	0.910
	Copper	1300	MCL	18.4
	Lead	15	MCL	0.180
	Mercury	2	MCL	ND
	Selenium	50	MCL	3.10
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND

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

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

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EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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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:	A2-YORK4852
Location Type:	Residence
Address:	4852 Yorktown Boulevard
Field Sample ID:	A2-TW-0002172- 23145-N
Sample Date:	2023-07-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	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	--	--	ND
	Chloroacetic acid	--	--	ND

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

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

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

Location ID:	A2-YORK4852
Location Type:	Residence
Address:	4852 Yorktown Boulevard
Field Sample ID:	A2-TW-0002172-23145-N
Sample Date:	2023-07-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND
	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	ND
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	ND

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

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone A2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	A2-BLDG0570	
Location Type:	Child Development Center	
Address:	Building 570,CHILD DEVELOPMENT CENTER	
Field Sample ID:	A2-TW-0014310-23145-N-1	A2-TW-0014310-23145-N-2
Sample Date:	2023-09-22	2023-09-22
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	300-560	300-560
Field Test (ppb)	Free Chlorine	4000	MCL	300-560	300-560
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	87.6	73.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	87.6	73.0
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	1.90	1.90
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	ND	ND
	Copper	1300	MCL	21.9	18.8
	Lead	15	MCL	ND	ND
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	2.00	1.90
	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

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

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone A2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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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:	A2-BLDG0570	
Location Type:	Child Development Center	
Address:	Building 570,CHILD DEVELOPMENT CENTER	
Field Sample ID:	A2-TW-0014310-23145-N-1	A2-TW-0014310-23145-N-2
Sample Date:	2023-09-22	2023-09-22
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	
Vinyl chloride	2	MCL	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	

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

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone A2

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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:	A2-BLDG0570	
Location Type:	Child Development Center	
Address:	Building 570,CHILD DEVELOPMENT CENTER	
Field Sample ID:	A2-TW-0014310-23145-N-1	A2-TW-0014310-23145-N-2
Sample Date:	2023-09-22	2023-09-22
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	ND	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND

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

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone A2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location Information		
				Location ID	Location Type	Address
				A2-BLDG0075	A2-BLDG0087	A2-BLDG089A
				Non-Residence	Non-Residence	Non-Residence
				Building 75,NEX AND FACSFAC, 75 Liscomb Bay St	Building 87,NMCI BUILDING	Building 89A,FORD ISLAND CONFERENCE CTR, 89 Hornet Ave
				A2-TW-0014272-23145-N	A2-TW-0014278-23145-N-T	A2-TW-0014328-23145-N-T
				2023-10-19	2023-06-27	2023-06-27
				N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	650	30.0	430
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	55.9	63.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	55.9	63.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	2.50
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	ND	2.00	2.00
	Copper	1300	MCL	29.3	47.8	52.3
	Lead	15	MCL	ND	0.350	0.140
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	1.10	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND
	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
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND

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

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone A2

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location		
				Location ID:	Location Type:	Address:
				A2-BLDG0075	A2-BLDG0087	A2-BLDG089A
				Non-Residence	Non-Residence	Non-Residence
				Building 75,NEX AND FACSFAC, 75 Liscomb Bay St	Building 87,NMCI BUILDING	Building 89A,FORD ISLAND CONFERENCE CTR, 89 Hornet Ave
				A2-TW-0014272-23145-N	A2-TW-0014278-23145-N-T	A2-TW-0014328-23145-N-T
				2023-10-19	2023-06-27	2023-06-27
				N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	

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

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone A2

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EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:	A2-BLDG0075	A2-BLDG0087	A2-BLDG089A	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	
		Address:	Building 75,NEX AND FACSFAC, 75 Liscomb Bay St	Building 87,NMCI BUILDING	Building 89A,FORD ISLAND CONFERENCE CTR, 89 Hornet Ave	
		Field Sample ID:	A2-TW-0014272-23145-N	A2-TW-0014278-23145-N-T	A2-TW-0014328-23145-N-T	
		Sample Date:	2023-10-19	2023-06-27	2023-06-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	ND	1.40	0.950
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.530	0.520
	Total Trihalomethanes	80	MCL	ND	1.93	1.47

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

Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone A2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		Location ID:		A2-HYD214		A2-HYD39	A2-HYD5-25	A2-HYD543	A2-HYD6-2	A2-HYD7-13	
		Location Type:		Hydrant		Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:		FH 214		FH 39	FH 5-25	FH ID: 3-1	FH 6-2	FH 7-13	
		Field Sample ID:		A2-DL-0017662-23145	A2-DL-0017662-23145	A2-DL-0017663-23145	A2-DL-0017659-23145	A2-DL-0000507-23145	A2-DL-0017660-23145	A2-DL-0017655-23145	A2-DL-0017655-23145
				-N	-3-N	-N-T	-N	-N	-N	-N	-3-N
		Sample Date:		2023-10-19	2023-10-19	2023-07-10	2023-10-19	2023-10-19	2023-10-19	2023-10-19	2023-10-19
		Sample Type:		N (Normal)	FD (Field Duplicate)	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	510	510	530	440	470	510	510	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	220	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.5	ND	ND	ND	63.6	ND	50.9	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	63.5	ND	ND	ND	63.6	ND	50.9	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	3.70	3.50	2.10	1.90	2.00	2.00	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	2.00	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.70	ND	1.60	1.10	1.90	1.10	1.20
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.0120	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
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		Location ID: A2-HYD214		A2-HYD39		A2-HYD5-25		A2-HYD543		A2-HYD6-2		A2-HYD7-13					
		Location Type: Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant					
		Address: FH 214		FH 39		FH 5-25		FH ID: 3-1		FH 6-2		FH 7-13					
		Field Sample ID: A2-DL-0017662-23145		A2-DL-0017662-23145		A2-DL-0017663-23145		A2-DL-0017659-23145		A2-DL-0000507-23145		A2-DL-0017660-23145		A2-DL-0017655-23145		A2-DL-0017655-23145	
		-N		-3-N		-N-T		-N		-N		-N		-N		-3-N	
		Sample Date: 2023-10-19		2023-10-19		2023-07-10		2023-10-19		2023-10-19		2023-10-19		2023-10-19		2023-10-19	
		Sample Type: N (Normal)		FD (Field Duplicate)		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-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			
Chloroacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Dibromoacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Dichloroacetic acid		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				
Trichloroacetic acid		--	--	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				

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-HYD214		A2-HYD39	A2-HYD5-25	A2-HYD543	A2-HYD6-2	A2-HYD7-13	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				A2-DL-0017662-23145 -N	A2-DL-0017662-23145 -3-N	A2-DL-0017663-23145 -N-T	A2-DL-0017659-23145 -N	A2-DL-0000507-23145 -N	A2-DL-0017660-23145 -N	A2-DL-0017655-23145 -N	A2-DL-0017655-23145 -3-N
				2023-10-19	2023-10-19	2023-07-10	2023-10-19	2023-10-19	2023-10-19	2023-10-19	2023-10-19
				N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.740	0.710	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.90	2.00	ND	0.270	0.280	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.90	1.70	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	4.54	4.41	ND	0.270	0.280	ND	ND	ND

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		Location ID:	A2-HYD7-4	A2-HYD812	A2-HYD84	A2-HYDZ-16	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH 7-4	FH 812	FH 84	FH Z-16	
		Field Sample ID:	A2-DL-0017658-23145 -N	A2-DL-0017661-23145 -N	A2-DL-0017657-23145 -N	A2-DL-0017656-23145 -N	
		Sample Date:	2023-10-19	2023-10-19	2023-10-19	2023-10-19	
		Sample Type:	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	380	620	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	81.4	ND	56.8	58.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	81.4	ND	56.8	58.9
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	2.10	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND
	Mercury	2	MCL	ND	0.0310	ND	ND
	Selenium	50	MCL	1.30	1.40	1.30	1.20
	Thallium	2	MCL	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	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
	Naphthalene	17	EAL	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND

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		Location ID:	A2-HYD7-4	A2-HYD812	A2-HYD84	A2-HYDZ-16	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH 7-4	FH 812	FH 84	FH Z-16	
		Field Sample ID:	A2-DL-0017658-23145 -N	A2-DL-0017661-23145 -N	A2-DL-0017657-23145 -N	A2-DL-0017656-23145 -N	
		Sample Date:	2023-10-19	2023-10-19	2023-10-19	2023-10-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
Chloroacetic acid		--	--	ND	ND	ND	ND
Dibromoacetic acid		--	--	ND	ND	ND	ND
Dichloroacetic acid		--	--	ND	ND	ND	ND
Trichloroacetic acid		--	--	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	ND	ND	ND	ND

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		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH 7-4	FH 812	FH 84	FH Z-16	
		Field Sample ID:	A2-DL-0017658-23145 -N	A2-DL-0017661-23145 -N	A2-DL-0017657-23145 -N	A2-DL-0017656-23145 -N	
		Sample Date:	2023-10-19	2023-10-19	2023-10-19	2023-10-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.680
	Bromoform	--	--	0.370	0.570	ND	2.40
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.410	ND	1.70
	Total Trihalomethanes	80	MCL	0.370	0.980	ND	4.78