

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID:		D1-BENO3328A		D1-BOTH0402		D1-BOTH0414		D1-CHRI0309		D1-CHRI0320	
		Location Type:		Residence		Residence		Residence		Residence		Residence	
		Address:		3328A Benoit Place		402 Bothne Court		414 Bothne Court		309 Christopher Court		320 Christopher Court	
		Field Sample ID:		D1-TW-0000708-24092-N	D1-TW-0000708-24092-3-N	D1-TW-0001008-24092-N	D1-TW-0001019-24092-N	D1-TW-0001019-24092-N-H	D1-TW-0000775-24092-N	D1-TW-0000775-24092-N-H	D1-TW-0000786-24092-N		
		Sample Date:		2024-05-06	2024-05-06	2024-05-06	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07		
		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										
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	--	Absent	--	Absent		
	E. coli	--	--	--	--	--	Absent	--	Absent	--	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	23.0	8.00	ND	ND	ND		
Field Test (ppb)	Free Chlorine	4000	MCL	930	--	620	840	560	110	890	540		
Field Test (pH)	pH	--	--	7.21	--	7.40	7.21	7.46	7.34	7.38	7.31		
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	--	0.250	0.250	0.270	0.250	0.260	--		
Field Test (degrees Celcius)	Temperature	--	--	24.5	--	25.5	25.9	42.8	26.0	35.6	--		
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	--	0.260	0.290	0.400	0.310	0.360	0.350		
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50500	52500	53000	52300	--	48900	--	51300		
	Total Organic Carbon	--	--	ND	ND	ND	ND	--	ND	--	ND		
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--	ND	--	ND		
Metals (ppb)	Copper	1300	MCL	16.6	16.1	38.2	15.7	--	37.1	--	53.4		
	Lead	15	MCL	ND	ND	0.240	ND	--	ND	--	ND		
	Mercury	2	MCL	ND	ND	ND	ND	--	ND	--	ND		
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND		
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND		
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--	ND	--	ND		
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND		
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND		

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		Location ID: D1-BENO3328A		D1-BOTH0402		D1-BOTH0414		D1-CHRI0309		D1-CHRI0320	
		Residence		Residence		Residence		Residence		Residence	
		3328A Benoit Place		402 Bothne Court		414 Bothne Court		309 Christopher Court		320 Christopher Court	
		Field Sample ID:	D1-TW-0000708-24092-N	D1-TW-0000708-24092-3-N	D1-TW-0001008-24092-N	D1-TW-0001019-24092-N	D1-TW-0001019-24092-N-H	D1-TW-0000775-24092-N	D1-TW-0000775-24092-N-H	D1-TW-0000786-24092-N	
		Sample Date:	2024-05-06	2024-05-06	2024-05-06	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07	
		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)	Benzene	5	MCL	ND	ND	ND	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	--	ND	--	ND
	Bromoform	--	--	ND	ND	ND	ND	--	ND	--	ND
	Chloroform	--	--	ND	ND	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	--	ND	--	ND

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID: D1-CHRI0320		D1-CHRI0327			D1-CRUS3347B				D1-DUNL0209
		Residence		Residence			Residence				Residence
		320 Christopher Court		327 Christopher Court			3347B Cruse Place				209 Dunlap Court
		D1-TW-0000786-24092-N-H		D1-TW-0000791-24092-N	D1-TW-0000791-24092-N-H	D1-TW-0000725-24092-N	D1-TW-0000725-24092-N-H	D1-TW-0000725-24092-3-N	D1-TW-0000725-24092-3-N-H	D1-TW-0001072-24092-N	
		2024-06-07		2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-05-06	
		N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	--
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	21.0	ND	ND	ND	ND	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	180	570	400	700	880	--	--	380
Field Test (pH)	pH	--	--	7.40	7.38	7.53	7.40	7.49	--	--	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	--	--	--	0.250	0.260	--	--	0.230
Field Test (degrees Celcius)	Temperature	--	--	--	--	--	24.4	36.0	--	--	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.170	0.240	0.160	0.390	0.240	--	--	0.130
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53300	--	53200	--	51600	--	52500
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	76.4	--	7.80	--	7.60	--	39.4
	Lead	15	MCL	--	ND	--	ND	--	ND	--	0.170
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	0.0150
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-EOUT1005		D1-EOUT1006	D1-EOUT1007		D1-EOUT1009	D1-EOUT1012	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	1005 East Outerbridge Court		1006 East Outerbridge Court	1007 East Outerbridge Court		1009 East Outerbridge Court	1012 East Outerbridge Court	
				Field Sample ID:	D1-TW-0001074-24092-N	D1-TW-0000865-24092-N	D1-TW-0000865-24092-N-H	D1-TW-0000866-24092-N	D1-TW-0000867-24092-N	D1-TW-0000867-24092-N-H	D1-TW-0000869-24092-N	D1-TW-0000872-24092-N
				Sample Date:	2024-05-06	2024-06-07	2024-06-07	2024-04-23	2024-06-07	2024-06-07	2024-04-23	2024-06-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	Absent	--	--	Absent	
	E. coli	--	--	--	Absent	--	--	Absent	--	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	2.00	--	ND	ND	--	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	650	610	690	570	730	650	450	540	
Field Test (pH)	pH	--	--	7.53	7.33	7.39	7.31	7.31	7.35	7.37	7.13	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.240	0.230	--	--	0.220	0.250	
Field Test (degrees Celcius)	Temperature	--	--	24.3	24.7	39.0	24.8	--	--	26.4	26.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	0.190	0.0540	2.55	0.440	1.61	0.00	0.240	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	50600	--	50000	52100	--	50000	53200	
	Total Organic Carbon	--	--	ND	ND	--	ND	ND	--	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	ND	--	ND	ND	
Metals (ppb)	Copper	1300	MCL	17.8	15.7	--	37.3	52.6	--	36.3	30.8	
	Lead	15	MCL	ND	ND	--	1.40	ND	--	0.170	ND	
	Mercury	2	MCL	ND	ND	--	ND	ND	--	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	--	ND	ND	
	Naphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND	

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		Location ID:	D1-DUNL0213	D1-EOUT1005		D1-EOUT1006	D1-EOUT1007		D1-EOUT1009	D1-EOUT1012	
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence	
		Address:	213 Dunlap Court	1005 East Outerbridge Court		1006 East Outerbridge Court	1007 East Outerbridge Court		1009 East Outerbridge Court	1012 East Outerbridge Court	
		Field Sample ID:	D1-TW-0001074-24092-N	D1-TW-0000865-24092-N	D1-TW-0000865-24092-N-H	D1-TW-0000866-24092-N	D1-TW-0000867-24092-N	D1-TW-0000867-24092-N-H	D1-TW-0000869-24092-N	D1-TW-0000872-24092-N	
		Sample Date:	2024-05-06	2024-06-07	2024-06-07	2024-04-23	2024-06-07	2024-06-07	2024-04-23	2024-06-10	
		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)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	--	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	ND	--	ND	ND
	Bromoform	--	--	ND	ND	--	ND	ND	--	ND	ND
	Chloroform	--	--	ND	ND	--	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	ND	--	ND	ND

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		Location ID:	D1-EOUT1012	D1-EAEA0700	D1-EAEA0704		D1-GOMB1401		D1-HUTT0914	D1-KAUF1507	
		Location Type:	Residence	Residence	Residence		Residence		Residence	Residence	
		Address:	1012 East Outerbridge Court	700 East Teaff Court	704 East Teaff Court		1401 Gombasy Court		914 Huttenberg Court	1507 Kaufman Court	
		Field Sample ID:	D1-TW-0000872-24092-N-H	D1-TW-0000834-24092-N	D1-TW-0000838-24092-N	D1-TW-0000838-24092-N-H	D1-TW-0000897-24092-N	D1-TW-0000897-24092-N-H	D1-TW-0000806-24092-N	D1-TW-0000941-24092-N	
		Sample Date:	2024-06-10	2024-05-06	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-04-23	2024-04-23	
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	--	--	--
	E. coli	--	--	--	--	Absent	--	Absent	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	--	ND	ND	ND	ND	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	940	420	730	360	610	870	510	420
Field Test (pH)	pH	--	--	7.21	7.25	7.35	7.45	7.39	7.41	7.34	7.40
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	--	--	0.250	0.260	0.220	0.220
Field Test (degrees Celcius)	Temperature	--	--	39.1	25.1	--	--	25.9	33.0	25.1	25.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.140	0.440	0.330	0.240	0.280	0.310	0.350	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	54500	52600	--	51100	--	55000	52500
	Total Organic Carbon	--	--	--	ND	ND	--	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	--	25.0	61.8	--	25.9	--	24.0	31.4
	Lead	15	MCL	--	ND	ND	--	ND	--	ND	0.170
	Mercury	2	MCL	--	ND	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	--	ND	ND	--	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	--	ND	--	ND	ND
	Naphthalene	--	--	--	ND	ND	--	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	--	ND	--	ND	ND

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		Location ID:	D1-EOUT1012	D1-ETEA0700	D1-ETEA0704		D1-GOMB1401		D1-HUTT0914	D1-KAUF1507	
		Location Type:	Residence	Residence	Residence		Residence		Residence	Residence	
		Address:	1012 East Outerbridge Court	700 East Teaff Court	704 East Teaff Court		1401 Gombasy Court		914 Huttenberg Court	1507 Kaufman Court	
		Field Sample ID:	D1-TW-0000872-24092-N-H	D1-TW-0000834-24092-N	D1-TW-0000838-24092-N	D1-TW-0000838-24092-N-H	D1-TW-0000897-24092-N	D1-TW-0000897-24092-N-H	D1-TW-0000806-24092-N	D1-TW-0000941-24092-N	
		Sample Date:	2024-06-10	2024-05-06	2024-06-07	2024-06-07	2024-06-07	2024-06-07	2024-04-23	2024-04-23	
		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)	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	ND	--	ND	ND
	Benzene	5	MCL	--	ND	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	--	ND	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	ND	--	ND	--	ND	ND
	o-Xylene	--	--	--	ND	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	--	ND	ND	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	--	ND	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	--	ND	--	ND	ND
	Bromoform	--	--	--	ND	ND	--	ND	--	ND	ND
	Chloroform	--	--	--	ND	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	ND	--	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	ND	--	ND	--	ND	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID:	D1-KAUF1510		D1-MACK3311B		D1-MCMU1308	D1-MCMU1317	D1-MEAD1206	D1-POWE3338A	
		Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	
		Address:	1510 Kaufman Court		3311B Mack Place		1308 McMurtry Court	1317 McMurtry Court	1206 Mead Place	3338A Powell Loop	
		Field Sample ID:	D1-TW-0000944-24092-N	D1-TW-0000944-24092-N-H	D1-TW-0008522-24092-N	D1-TW-0008522-24092-N-H	D1-TW-0000916-24092-N	D1-TW-0000925-24092-N	D1-TW-0000895-24092-N	D1-TW-0001116-24092-N	
		Sample Date:	2024-06-07	2024-06-07	2024-06-26	2024-06-26	2024-05-07	2024-05-07	2024-04-23	2024-06-07	
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	--	--	--	Absent
	E. coli	--	--	Absent	--	Absent	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	--	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	910	530	500	490	880	350	690
Field Test (pH)	pH	--	--	7.34	7.45	7.22	7.10	7.43	7.41	7.27	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.240	0.260	0.280	0.230	0.200	0.240	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.9	35.3	27.9	45.4	26.1	24.0	24.4	23.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.0000280	0.820	0.410	0.00	256	0.690	0.150
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51300	--	51900	--	52800	53600	60000	52200
	Total Organic Carbon	--	--	ND	--	ND	--	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	28.2	--	14.7	--	25.8	48.0	35.0	11.2
	Lead	15	MCL	ND	--	0.140	--	ND	ND	0.460	ND
	Mercury	2	MCL	ND	--	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID: D1-KAUF1510		D1-MACK3311B		D1-MCMU1308	D1-MCMU1317	D1-MEAD1206	D1-POWE3338A
		Residence		Residence		Residence	Residence	Residence	Residence
		Address: 1510 Kaufman Court		3311B Mack Place		1308 McMurtry Court	1317 McMurtry Court	1206 Mead Place	3338A Powell Loop
		Field Sample ID: D1-TW-0000944-24092-N	D1-TW-0000944-24092-N-H	D1-TW-0008522-24092-N	D1-TW-0008522-24092-N-H	D1-TW-0000916-24092-N	D1-TW-0000925-24092-N	D1-TW-0000895-24092-N	D1-TW-0001116-24092-N
		Sample Date: 2024-06-07	2024-06-07	2024-06-26	2024-06-26	2024-05-07	2024-05-07	2024-04-23	2024-06-07
		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)	Benzene	5	MCL	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	0.280
	Chloroform	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	0.280

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-SING0101		D1-SING0107	D1-SING0121	D1-SING0122	D1-SING0126		
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	101 Singleton Court		107 Singleton Court	121 Singleton Court	122 Singleton Court	126 Singleton Court		
				Field Sample ID:	D1-TW-0001039-24092-N	D1-TW-0001039-24092-N-H	D1-TW-0001045-24092-N	D1-TW-0001059-24092-N	D1-TW-0001060-24092-N	D1-TW-0001064-24092-N	D1-TW-0001064-24092-N-H	
				Sample Date:	2024-06-07	2024-06-07	2024-06-07	2024-05-07	2024-04-23	2024-05-08	2024-06-07	2024-06-07
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	--	Absent	--	
	E. coli	--	--	--	Absent	--	--	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	--	--	--	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	700	620	420	610	430	710	930	450	
Field Test (pH)	pH	--	--	7.48	7.26	7.37	7.35	7.27	7.34	7.39	7.43	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	--	--	0.240	0.230	0.230	0.230	0.240	
Field Test (degrees Celcius)	Temperature	--	--	27.2	--	--	24.3	26.1	25.4	28.0	39.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0420	0.450	0.690	0.620	0.500	0.210	0.0440	0.0580	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	49700	--	51800	50000	49400	52500	--	
	Total Organic Carbon	--	--	--	ND	--	ND	ND	ND	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	ND	ND	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	ND	ND	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	ND	ND	ND	--	
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	ND	ND	ND	--	
Metals (ppb)	Copper	1300	MCL	--	51.1	--	23.7	45.2	28.1	41.5	--	
	Lead	15	MCL	--	ND	--	ND	ND	ND	ND	--	
	Mercury	2	MCL	--	ND	--	ND	ND	ND	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	ND	ND	ND	--	
	2-Methylnaphthalene	--	--	--	ND	--	ND	ND	ND	ND	--	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	ND	ND	ND	--	
	Naphthalene	--	--	--	ND	--	ND	ND	ND	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	ND	--	
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	ND	--	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-SING0101		D1-SING0107	D1-SING0121	D1-SING0122	D1-SING0126		
				Location Type:	Residence		Residence	Residence	Residence	Residence		
				Address:	101 Singleton Court		107 Singleton Court	121 Singleton Court	122 Singleton Court	126 Singleton Court		
				Field Sample ID:	D1-TW-0001116-24092-N-H	D1-TW-0001039-24092-N	D1-TW-0001039-24092-N-H	D1-TW-0001045-24092-N	D1-TW-0001059-24092-N	D1-TW-0001060-24092-N	D1-TW-0001064-24092-N	D1-TW-0001064-24092-N-H
				Sample Date:	2024-06-07	2024-06-07	2024-06-07	2024-05-07	2024-04-23	2024-05-08	2024-06-07	2024-06-07
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	ND	ND	ND	--	
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	ND	ND	--	
	m,p-Xylene	--	--	--	ND	--	ND	ND	ND	ND	--	
	o-Xylene	--	--	--	ND	--	ND	ND	ND	ND	--	
	Toluene	1000	MCL	--	ND	--	ND	ND	ND	ND	--	
	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	ND	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	ND	ND	ND	--	
	Bromoform	--	--	--	0.370	--	ND	ND	ND	ND	--	
	Chloroform	--	--	--	ND	--	ND	ND	ND	ND	--	
	Dibromochloromethane	--	--	--	ND	--	ND	ND	ND	ND	--	
	Total Trihalomethanes	80	MCL	--	0.370	--	ND	ND	ND	ND	--	

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Thousand (ppth)
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID:	D1-SMIT3342B		D1-SMIT3344A		D1-TAUS1603	D1-VALD3305D	D1-WAGO1705	D1-WAGO1706	
		Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	
		Address:	3342B Smith Circle		3344A Smith Circle		1603 Taussig Court	3305D Valdez Place	1705 Wagoner Court	1706 Wagoner Court	
		Field Sample ID:	D1-TW-0000755-24092-N	D1-TW-0000755-24092-N-H	D1-TW-0000764-24092-N	D1-TW-0000764-24092-3-N	D1-TW-0000959-24092-N	D1-TW-0001183-24092-N	D1-TW-0000971-24092-N	D1-TW-0000972-24092-N	
		Sample Date:	2024-06-07	2024-06-07	2024-05-07	2024-05-07	2024-05-07	2024-05-07	2024-05-07	2024-04-23	
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	--	--	--	--
	E. coli	--	--	Absent	--	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	550	600	670	--	830	670	590	450
Field Test (pH)	pH	--	--	7.34	7.40	7.54	--	7.37	7.40	7.44	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.250	--	0.240	0.230	0.240	0.230
Field Test (degrees Celcius)	Temperature	--	--	26.8	46.0	25.8	--	25.6	24.7	25.3	24.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.54	1.27	0.400	--	0.190	0.00200	0.140	0.000310
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52400	--	53300	53200	53100	52800	53600	50000
	Total Organic Carbon	--	--	ND	--	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	7.60	--	12.6	12.9	35.8	16.5	25.1	17.2
	Lead	15	MCL	ND	--	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID: D1-SMIT3342B		D1-SMIT3344A		D1-TAUS1603	D1-VALD3305D	D1-WAGO1705	D1-WAGO1706
		Residence		Residence		Residence	Residence	Residence	Residence
		3342B Smith Circle		3344A Smith Circle		1603 Taussig Court	3305D Valdez Place	1705 Wagoner Court	1706 Wagoner Court
		Field Sample ID: D1-TW-0000755-24092-N	D1-TW-0000755-24092-N-H	D1-TW-0000764-24092-N	D1-TW-0000764-24092-3-N	D1-TW-0000959-24092-N	D1-TW-0001183-24092-N	D1-TW-0000971-24092-N	D1-TW-0000972-24092-N
		Sample Date: 2024-06-07	2024-06-07	2024-05-07	2024-05-07	2024-05-07	2024-05-07	2024-05-07	2024-04-23
		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)	Benzene	5	MCL	ND	--	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	0.260	ND
	Bromoform	--	--	ND	--	ND	ND	0.830	ND
	Chloroform	--	--	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	ND	0.680	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	ND	1.77	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-WAGO1715		D1-WAGO1716	D1-WOUT1115	D1-WTEA0810	D1-WTEA0811	D1-WTEA0815	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	1715 Wagoner Court		1716 Wagoner Court	1115 West Outerbridge Court	810 West Teaff Court	811 West Teaff Court	815 West Teaff Court	
				Field Sample ID:	D1-TW-0000976-24092-N	D1-TW-0000981-24092-N	D1-TW-0000981-24092-N-H	D1-TW-0000982-24092-N	D1-TW-0000889-24092-N	D1-TW-0000852-24092-N	D1-TW-0000853-24092-N	D1-TW-0000857-24092-N
				Sample Date:	2024-04-23	2024-06-07	2024-06-07	2024-05-06	2024-04-23	2024-05-07	2024-05-07	2024-05-07
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	--	--	--	--
	E. coli	--	--	--	Absent	--	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	--	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	350	760	570	620	350	350	590	650	
Field Test (pH)	pH	--	--	7.28	7.28	7.36	7.35	7.29	7.33	7.35	7.29	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	--	--	0.230	0.240	0.220	0.220	0.240	
Field Test (degrees Celcius)	Temperature	--	--	25.9	--	--	25.9	27.9	24.6	22.8	25.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.640	0.00	0.300	0.360	0.580	0.210	0.110	0.160	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	52800	--	54000	50000	53100	51900	52500	
	Total Organic Carbon	--	--	ND	ND	--	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	36.3	59.4	--	20.0	27.6	57.2	38.2	18.6	
	Lead	15	MCL	ND	ND	--	0.200	ND	0.510	ND	ND	
	Mercury	2	MCL	ND	ND	--	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D1

		Location ID:	D1-WAGO1710	D1-WAGO1715		D1-WAGO1716	D1-WOUT1115	D1-WTEA0810	D1-WTEA0811	D1-WTEA0815
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	1710 Wagoner Court	1715 Wagoner Court		1716 Wagoner Court	1115 West Outerbridge Court	810 West Teaff Court	811 West Teaff Court	815 West Teaff Court
		Field Sample ID:	D1-TW-0000976-24092-N	D1-TW-0000981-24092-N	D1-TW-0000981-24092-N-H	D1-TW-0000982-24092-N	D1-TW-0000889-24092-N	D1-TW-0000852-24092-N	D1-TW-0000853-24092-N	D1-TW-0000857-24092-N
		Sample Date:	2024-04-23	2024-06-07	2024-06-07	2024-05-06	2024-04-23	2024-05-07	2024-05-07	2024-05-07
		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)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	ND	ND	ND
	Bromoform	--	--	ND	0.310	--	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.320	--	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.630	--	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

				Location ID: D1-BLDGD1-22								
				Location Type: School								
				Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24092-N-1	D1-TW-0015098-24092-N-2	D1-TW-0015098-24092-N-3	D1-TW-0015098-24092-N-4	D1-TW-0015098-24092-N-5	D1-TW-0015098-24122-N-1	D1-TW-0015098-24122-N-2	D1-TW-0015098-24122-3-N-2
				Sample Date:	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-05-06	2024-05-06	2024-05-06
				Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	230	320	560	280	510	620	110	--	
Field Test (pH)	pH	--	--	7.24	7.31	7.27	7.25	7.32	7.34	7.34	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.240	0.240	0.240	0.250	0.230	--	
Field Test (degrees Celcius)	Temperature	--	--	30.3	22.6	24.9	25.7	24.9	30.9	24.1	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	0.0180	0.260	0.0560	0.110	0.130	0.00	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	57500	47500	50000	60000	51500	51000	50500	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	101	101	28.5	115	21.1	94.5	182	177	
	Lead	15	MCL	ND	0.310	ND	0.140	0.130	ND	0.360	0.330	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

				Location ID: D1-BLDGD1-22 Location Type: School Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24092-N-1	D1-TW-0015098-24092-N-2	D1-TW-0015098-24092-N-3	D1-TW-0015098-24092-N-4	D1-TW-0015098-24092-N-5	D1-TW-0015098-24122-N-1	D1-TW-0015098-24122-N-2	D1-TW-0015098-24122-3-N-2
				Sample Date:	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-05-06	2024-05-06	2024-05-06
				Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	0.300	ND	ND	0.630	0.730	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.320	0.330	
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.300	ND	ND	0.950	1.06	

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

		Location ID: D1-BLDGD1-22									
		Location Type: School									
		Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22									
		Field Sample ID:		D1-TW-0015098-24122-N-3	D1-TW-0015098-24122-N-4	D1-TW-0015098-24122-N-5	D1-TW-0015098-24122-3-N-1	D1-TW-0015098-24153-N-1	D1-TW-0015098-24153-N-2	D1-TW-0015098-24153-N-2-H	D1-TW-0015098-24153-N-5
		Sample Date:		2024-05-06	2024-05-06	2024-05-06	2024-05-06	2024-06-03	2024-06-03	2024-06-03	2024-06-03
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	Absent	Absent	--	Absent
	E. coli	--	--	--	--	--	--	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	ND	ND	6.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	270	540	--	280	120	250	140
Field Test (pH)	pH	--	--	7.38	7.41	7.50	--	7.32	7.36	7.67	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.250	0.250	--	--	--	--	--
Field Test (degrees Celcius)	Temperature	--	--	25.0	27.7	25.2	--	--	--	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0720	0.160	0.130	--	0.210	4.75	1.40	1.70
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53500	52000	54500	51500	53800	54100	--	53300
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	19.6	119	20.2	94.3	159	191	--	107
	Lead	15	MCL	ND	0.170	ND	ND	0.160	0.510	--	0.560
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.0260	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

				Location ID: D1-BLDGD1-22 Location Type: School Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24122-N-3	D1-TW-0015098-24122-N-4	D1-TW-0015098-24122-N-5	D1-TW-0015098-24122-3-N-1	D1-TW-0015098-24153-N-1	D1-TW-0015098-24153-N-2	D1-TW-0015098-24153-N-2-H	D1-TW-0015098-24153-N-5
				Sample Date:	2024-05-06	2024-05-06	2024-05-06	2024-05-06	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				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-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	Benzene	5	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
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	Bromoform	--	--	ND	0.650	ND	ND	0.690	1.10	--	0.560	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Dibromochloromethane	--	--	ND	0.500	ND	ND	0.540	0.550	--	0.410	
	Total Trihalomethanes	80	MCL	ND	1.15	ND	ND	1.23	1.65	--	0.970	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

		Location ID: D1-BLDGD1-22				
		Location Type: School				
		Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22				
		Field Sample ID:		D1-TW-0015098-24153-N-3	D1-TW-0015098-24153-N-3-H	D1-TW-0015098-24153-N-4
		Sample Date:		2024-06-03	2024-06-03	2024-06-03
		Sample Type:		N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent
	E. coli	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	0.00	10.0	290
Field Test (pH)	pH	--	--	7.54	7.59	7.79
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0350	4.79	1.50
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52300	--	53200
	Total Organic Carbon	--	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	44.1	--	185
	Lead	15	MCL	0.300	--	0.260
	Mercury	2	MCL	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND
	Naphthalene	--	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND

**Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D1

		Location ID:	D1-BLDGD1-22			
		Location Type:	School			
		Address:	PEARL HARBOR KAI ELEMENTARY, Building D1-22			
		Field Sample ID:	D1-TW-0015098-24153-N-3	D1-TW-0015098-24153-N-3-H	D1-TW-0015098-24153-N-4	
		Sample Date:	2024-06-03	2024-06-03	2024-06-03	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND
	o-Xylene	--	--	ND	--	ND
	Toluene	1000	MCL	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND
	Bromoform	--	--	0.910	--	0.700
	Chloroform	--	--	ND	--	ND
	Dibromochloromethane	--	--	0.570	--	0.610
	Total Trihalomethanes	80	MCL	1.48	--	1.31

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D1

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24092-N-1	D1-TW-0015067-24092-N-2	D1-TW-0015067-24122-N-1	D1-TW-0015067-24122-N-2	D1-TW-0015067-24153-N-1	D1-TW-0015067-24153-N-1-H	D1-TW-0015067-24153-N-2	D1-TW-0015067-24153-N-2-H
				Sample Date:	2024-04-16	2024-04-16	2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	--	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	310	290	590	380	560	580	150	400	
Field Test (pH)	pH	--	--	7.27	7.29	7.23	7.20	7.35	7.43	7.45	7.46	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	0.240	0.240	0.270	0.280	0.260	0.280	
Field Test (degrees Celcius)	Temperature	--	--	26.2	26.4	26.3	24.9	28.9	40.5	29.3	40.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.520	0.310	0.310	0.460	0.390	0.270	0.320	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	55000	45000	45000	52200	--	52700	--	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	8.00	12.4	8.30	14.3	7.70	--	15.3	--	
	Lead	15	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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EAL = DOH Environmental Action Level
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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D1

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24092-N-1	D1-TW-0015067-24092-N-2	D1-TW-0015067-24122-N-1	D1-TW-0015067-24122-N-2	D1-TW-0015067-24153-N-1	D1-TW-0015067-24153-N-1-H	D1-TW-0015067-24153-N-2	D1-TW-0015067-24153-N-2-H
				Sample Date:	2024-04-16	2024-04-16	2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	--	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Bromoform	--	--	0.360	0.350	0.330	0.330	ND	--	ND	--	
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Dibromochloromethane	--	--	0.260	ND	ND	ND	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	0.620	0.350	0.330	0.330	ND	--	ND	--	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D1

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24092-N-1	D1-TW-0015074-24092-N-2	D1-TW-0015074-24122-N-1	D1-TW-0015074-24122-N-2	D1-TW-0015074-24153-N-1	D1-TW-0015074-24153-N-1-H	D1-TW-0015074-24153-N-2	D1-TW-0015074-24153-N-2-H
				Sample Date:	2024-04-10	2024-04-10	2024-05-06	2024-05-06	2024-06-04	2024-06-04	2024-06-04	2024-06-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	--	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	520	280	590	180	610	600	130	
Field Test (pH)	pH	--	--	7.32	7.31	7.34	7.37	7.39	7.37	7.40	7.40	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.230	0.230	0.220	0.220	0.220	0.240	
Field Test (degrees Celcius)	Temperature	--	--	23.7	23.7	23.9	23.0	25.1	23.0	22.8	38.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	0.0120	0.300	0.00	0.00	0.00	0.00	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	50000	52500	52500	50900	--	52700	--	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	51.7	60.7	40.7	58.8	47.3	--	65.8	--	
	Lead	15	MCL	0.250	ND	0.210	0.130	0.250	--	ND	--	
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D1

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24092-N-1	D1-TW-0015074-24092-N-2	D1-TW-0015074-24122-N-1	D1-TW-0015074-24122-N-2	D1-TW-0015074-24153-N-1	D1-TW-0015074-24153-N-1-H	D1-TW-0015074-24153-N-2	D1-TW-0015074-24153-N-2-H
				Sample Date:	2024-04-10	2024-04-10	2024-05-06	2024-05-06	2024-06-04	2024-06-04	2024-06-04	2024-06-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	--	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Bromoform	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	--	ND	--	

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		Location ID: D1-HYD2237			D1-HYD714			D1-HYD731			
		Location Type: Hydrant			Hydrant			Hydrant			
		Address: FH ID: 436			FH ID: 714			FH ID: 731			
		Field Sample ID: D1-DL-0017564-24092	D1-DL-0017564-24122	D1-DL-0017564-24153	D1-DL-0017563-24092	D1-DL-0017563-24092	D1-DL-0017563-24122	D1-DL-0017563-24153	D1-DL-0017561-24092		
		-N	-N	-N	-N	-3-N	-N	-N	-N		
		Sample Date: 2024-04-16	2024-05-07	2024-06-26	2024-04-16	2024-04-16	2024-05-07	2024-06-26	2024-04-16		
		Sample Type: N (Normal)	N (Normal)	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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	--	Absent	--	
	E. coli	--	--	--	--	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	--	--	ND	--	
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	20.0	510	500	--	660	300	490
Field Test (pH)	pH	--	--	--	9.16	8.93	--	--	7.39	7.77	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.270	0.280	--	--	0.250	0.230	0.240
Field Test (degrees Celcius)	Temperature	--	--	--	30.4	31.1	--	--	23.7	25.0	25.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.360	0.580	--	--	0.130	0.190	0.560
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	95000	67400	61100	55000	55000	50000	50700	55000
	Total Organic Carbon	--	--	ND	ND	400	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone D1

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		Location ID: D1-HYD2237			Location ID: D1-HYD714			Location ID: D1-HYD731	
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant	
		Address: FH ID: 436			Address: FH ID: 714			Address: FH ID: 731	
		Field Sample ID: D1-DL-0017564-24092	Field Sample ID: D1-DL-0017564-24122	Field Sample ID: D1-DL-0017564-24153	Field Sample ID: D1-DL-0017563-24092	Field Sample ID: D1-DL-0017563-24092	Field Sample ID: D1-DL-0017563-24122	Field Sample ID: D1-DL-0017563-24153	Field Sample ID: D1-DL-0017561-24092
		-N	-N	-N	-N	-3-N	-N	-N	-N
		Sample Date: 2024-04-16	Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-04-16	Sample Date: 2024-04-16	Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-04-16
		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	0.270	0.270	ND	ND	ND
	Bromoform	--	--	3.90	4.20	3.30	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.840	0.930	0.830	ND	ND	ND
	Total Trihalomethanes	80	MCL	5.00	5.40	4.40	ND	ND	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		Location ID: D1-HYD731			D1-HYD748			D1-HYD771			
		Location Type: Hydrant			Hydrant			Hydrant			
		Address: FH ID: 731			FH ID: 748			FH ID: 771			
		Field Sample ID: D1-DL-0017561-24122	D1-DL-0017561-24153	D1-DL-0017561-24153	D1-DL-0017565-24092	D1-DL-0017565-24122	D1-DL-0017565-24122	D1-DL-0017565-24153	D1-DL-0017562-24092		
		-N	-N	-3-N	-N	-N	-3-N	-N	-N		
		Sample Date: 2024-05-07	2024-06-26	2024-06-26	2024-04-16	2024-05-07	2024-05-07	2024-06-26	2024-04-23		
		Sample Type: N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	--	--	Absent	--	
	E. coli	--	--	--	Absent	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	--	--	ND	--	
Field Test (ppb)	Free Chlorine	4000	MCL	620	340	--	420	720	--	510	300
Field Test (pH)	pH	--	--	7.34	7.27	--	7.30	7.39	--	7.23	7.45
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	--	0.230	0.230	--	0.260	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.0	29.3	--	25.5	25.3	--	26.3	26.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.450	--	0.460	0.230	--	0.440	0.390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	51400	50900	50000	52300	51800	50500	52500
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	0.0130	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	ND	--	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	ND	--	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		Location ID: D1-HYD731			Location ID: D1-HYD748			Location ID: D1-HYD771	
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant	
		Address: FH ID: 731			Address: FH ID: 748			Address: FH ID: 771	
		Field Sample ID: D1-DL-0017561-24122	Field Sample ID: D1-DL-0017561-24153	Field Sample ID: D1-DL-0017561-24153	Field Sample ID: D1-DL-0017565-24092	Field Sample ID: D1-DL-0017565-24122	Field Sample ID: D1-DL-0017565-24122	Field Sample ID: D1-DL-0017565-24153	Field Sample ID: D1-DL-0017562-24092
		-N	-N	-3-N	-N	-N	-3-N	-N	-N
		Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-06-26	Sample Date: 2024-04-16	Sample Date: 2024-05-07	Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-04-23
		Sample Type: N (Normal)	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.570
	Bromoform	--	--	ND	ND	ND	ND	ND	2.00
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.60
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	4.17

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		D1-HYD771					D1-HYD835				
		Hydrant					Hydrant				
		FH ID: 771					FH ID: 768				
		Field Sample ID:	D1-DL-0017562-24092	D1-DL-0017562-24122	D1-DL-0017562-24122	D1-DL-0017562-24153	D1-DL-0017562-24153	D1-DL-0000548-24092	D1-DL-0000548-24122	D1-DL-0000548-24153	
		Sample Date:	-3-N	-N	-3-N	-N	-3-N	-N	-N	-N	
		Sample Type:	2024-04-23	2024-05-07	2024-05-07	2024-06-26	2024-06-26	2024-04-23	2024-05-07	2024-06-26	
			FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	Absent	--	--	Absent
	E. coli	--	--	--	--	--	Absent	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	ND	ND	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	--	370	--	250	--	470	620	480
Field Test (pH)	pH	--	--	--	7.49	--	7.48	--	7.34	7.37	7.14
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.230	--	0.260	--	0.240	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	--	27.5	--	28.7	--	23.7	25.5	27.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.520	--	0.750	--	0.690	0.300	6.53
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	55000	52800	54300	53700	52500	49600	51300
	Total Organic Carbon	--	--	ND	ND	ND	ND	200	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	ND	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	ND	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D1

		Location ID: D1-HYD771					Location ID: D1-HYD835				
		Location Type: Hydrant					Location Type: Hydrant				
		Address: FH ID: 771					Address: FH ID: 768				
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
		D1-DL-0017562-24092 -3-N	D1-DL-0017562-24122 -N	D1-DL-0017562-24122 -3-N	D1-DL-0017562-24153 -N	D1-DL-0017562-24153 -3-N	D1-DL-0000548-24092 -N	D1-DL-0000548-24122 -N	D1-DL-0000548-24153 -N	D1-DL-0000548-24153 -N	D1-DL-0000548-24153 -N
		Sample Date: 2024-04-23	Sample Date: 2024-05-07	Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-06-26	Sample Date: 2024-04-23	Sample Date: 2024-05-07	Sample Date: 2024-06-26	Sample Date: 2024-06-26	Sample Date: 2024-06-26
		Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.600	0.630	0.640	0.610	0.650	ND	ND	ND
	Bromoform	--	--	2.10	2.00	2.00	2.10	2.20	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.60	1.70	1.70	1.60	1.80	ND	ND	ND
	Total Trihalomethanes	80	MCL	4.30	4.33	4.34	4.31	4.65	ND	ND	ND