

Summary of Chemistry Results
Zone I1
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
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID:		I1-BEAR1424		I1-BUTT1503		I1-BUTT1508		I1-CONI1737	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		1424 Bear Circle		1503 Buttonwood Place		1508 Buttonwood Place		1737 Conifer Place	
		Field Sample ID:		I1-TW-0014055-24092 -A	I1-TW-0014055-24092 -A-H	I1-TW-0014056-24092 -A	I1-TW-0014056-24092 -A-H	I1-TW-0014059-24092 -A	I1-TW-0014059-24092 -A-H	I1-TW-0011962-24092 -A	I1-TW-0011962-24092 -A-H
		Sample Date:		2024-08-22	2024-08-22	2024-09-19	2024-09-19	2024-08-22	2024-08-22	2024-08-22	2024-08-22
		Sample Type:		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	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	44.0	73.0	5.00	10.0	10.0	5.00	18.0	76.0
Field Test (ppb)	Free Chlorine	4000	MCL	460	330	390	60.0	460	240	300	130
Field Test (pH)	pH	--	--	7.23	7.16	7.37	7.45	7.22	7.28	7.06	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.290	0.310	0.250	0.270	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	27.3	40.3	28.1	35.2	28.4	41.3	24.8	40.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	2.42	0.00	0.00	0.00	0.390	0.0470
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	63100	--	64700	--	59900	--	63500	--
	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	3.80	--	13.9	--	3.70	--	12.9	--
	Lead	15	MCL	ND	--	0.660	--	ND	--	0.280	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-BEAR1424 Residence 1424 Bear Circle		I1-BUTT1503 Residence 1503 Buttonwood Place		I1-BUTT1508 Residence 1508 Buttonwood Place		I1-CONI1737 Residence 1737 Conifer Place	
				Field Sample ID: Sample Date: Sample Type:	Field Sample ID: Sample Date: Sample Type:	Field Sample ID: Sample Date: Sample Type:	Field Sample ID: Sample Date: Sample Type:	Field Sample ID: Sample Date: Sample Type:	Field Sample ID: Sample Date: Sample Type:		
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	I1-TW-0014055-24092 -A 2024-08-22 N (Normal)	I1-TW-0014055-24092 -A-H 2024-08-22 N (Normal)	I1-TW-0014056-24092 -A 2024-09-19 N (Normal)	I1-TW-0014056-24092 -A-H 2024-09-19 N (Normal)	I1-TW-0014059-24092 -A 2024-08-22 N (Normal)	I1-TW-0014059-24092 -A-H 2024-08-22 N (Normal)	I1-TW-0011962-24092 -A 2024-08-22 N (Normal)	I1-TW-0011962-24092 -A-H 2024-08-22 N (Normal)
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-BEAR1424		I1-BUTT1503		I1-BUTT1508		I1-CONI1737	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: I1-BEAR1424 Location Type: Residence Address: 1424 Bear Circle		Location ID: I1-BUTT1503 Location Type: Residence Address: 1503 Buttonwood Place		Location ID: I1-BUTT1508 Location Type: Residence Address: 1508 Buttonwood Place		Location ID: I1-CONI1737 Location Type: Residence Address: 1737 Conifer Place	
				I1-TW-0014055-24092 -A	I1-TW-0014055-24092 -A-H	I1-TW-0014056-24092 -A	I1-TW-0014056-24092 -A-H	I1-TW-0014059-24092 -A	I1-TW-0014059-24092 -A-H	I1-TW-0011962-24092 -A	I1-TW-0011962-24092 -A-H
				2024-08-22	2024-08-22	2024-09-19	2024-09-19	2024-08-22	2024-08-22	2024-08-22	2024-08-22
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.410	--	0.540	--	0.380	--	0.440	--
	Bromoform	--	--	ND	--	0.650	--	0.470	--	0.520	--
	Chloroform	--	--	0.340	--	0.320	--	0.310	--	0.370	--
	Dibromochloromethane	--	--	ND	--	0.450	--	0.280	--	0.350	--
	Total Trihalomethanes	80	MCL	0.750	--	1.96	--	1.44	--	1.68	--

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		Location ID:		I1-EAGL1309		I1-EAGL1320		I1-HUDS1221			
		Location Type:		Residence		Residence		Residence			
		Address:		1309 Eagle Circle		1320 Eagle Circle		1221 Hudson Circle			
		Field Sample ID:		I1-TW-0014086-24092	I1-TW-0014086-24092	I1-TW-0014088-24092	I1-TW-0014088-24092	I1-TW-0014095-24092	I1-TW-0014095-24092	I1-TW-0014095-24092	I1-TW-0014095-24092
				-A	-A-H	-A	-A-H	-A	-A-H	-3-A	-3-A-H
		Sample Date:		2024-09-19	2024-09-19	2024-09-19	2024-09-19	2024-08-22	2024-08-22	2024-08-22	2024-08-22
		Sample Type:		N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	14.0	14.0	1.00	9.00	24.0	7.00	31.0
Field Test (ppb)	Free Chlorine	4000	MCL	590	460	650	630	450	300	--	--
Field Test (pH)	pH	--	--	7.33	7.36	7.44	7.47	7.23	7.23	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.320	0.290	0.280	0.290	0.250	0.270	--	--
Field Test (degrees Celcius)	Temperature	--	--	26.5	38.4	26.0	34.6	26.3	39.6	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.00	0.240	0.140	0.00	0.00	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	68500	--	69300	--	60600	--	59100	--
	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	4.00	--	7.60	--	7.30	--	6.70	--
	Lead	15	MCL	0.240	--	ND	--	0.160	--	0.150	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--

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		Location ID:		I1-EAGL1309		I1-EAGL1320		I1-HUDS1221			
		Location Type:		Residence		Residence		Residence			
		Address:		1309 Eagle Circle		1320 Eagle Circle		1221 Hudson Circle			
		Field Sample ID:		I1-TW-0014086-24092	I1-TW-0014086-24092	I1-TW-0014088-24092	I1-TW-0014088-24092	I1-TW-0014095-24092	I1-TW-0014095-24092	I1-TW-0014095-24092	I1-TW-0014095-24092
				-A	-A-H	-A	-A-H	-A	-A-H	-3-A	-3-A-H
		Sample Date:		2024-09-19	2024-09-19	2024-09-19	2024-09-19	2024-08-22	2024-08-22	2024-08-22	2024-08-22
		Sample Type:		N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.410	--	0.480	--	0.360	--	0.380	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-EAGL1309		I1-EAGL1320		I1-HUDS1221									
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:		
				I1-EAGL1309	Residence	1309 Eagle Circle	I1-TW-0014086-24092 -A	I1-TW-0014086-24092 -A-H	I1-EAGL1320	Residence	1320 Eagle Circle	I1-TW-0014088-24092 -A	I1-TW-0014088-24092 -A-H	I1-TW-0014095-24092 -A	I1-TW-0014095-24092 -A-H	I1-TW-0014095-24092 -3-A	I1-TW-0014095-24092 -3-A-H
							2024-09-19	2024-09-19				2024-09-19	2024-09-19	2024-08-22	2024-08-22	2024-08-22	2024-08-22
							N (Normal)	N (Normal)				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Trihalomethanes (ppb)	Bromoform	--	--	ND	--		0.310	--	0.460	--	0.480	--					
	Chloroform	--	--	0.290	--		0.300	--	0.300	--	0.310	--					
	Dibromochloromethane	--	--	ND	--		ND	--	0.270	--	0.290	--					
	Total Trihalomethanes	80	MCL	0.700	--		1.09	--	1.39	--	1.46	--					

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-HUDS1225		I1-HUDS1254		I1-HUDS1258			
				Residence	Residence	Residence		Residence		Residence	
				1225 Hudson Circle		1254 Hudson Way		1258 Hudson Way			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				I1-TW-0014096-24092 -A	I1-TW-0014096-24092 -A-H	I1-TW-0014097-24092 -A	I1-TW-0014097-24092 -A-H	I1-TW-0014098-24092 -A	I1-TW-0014098-24092 -A-H	I1-TW-0014098-24092 -3-A	I1-TW-0014098-24092 -3-A-H
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-09-20	2024-09-20	2024-08-30	2024-08-30	2024-09-20	2024-09-20	2024-09-20	2024-09-20
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00	ND	24.0	7.00	27.0	186	35.0	173
Field Test (ppb)	Free Chlorine	4000	MCL	570	120	450	240	560	420	--	--
Field Test (pH)	pH	--	--	7.33	7.27	7.25	7.44	7.31	7.30	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	0.260	0.270	0.270	0.280	--	--
Field Test (degrees Celcius)	Temperature	--	--	29.5	44.2	25.6	40.0	28.6	37.6	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.770	0.370	0.00	0.00	0.810	0.200	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65300	--	60400	--	64600	--	67100	--
	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	2.60	--	9.30	--	7.60	--	6.10	--
	Lead	15	MCL	0.140	--	0.190	--	0.320	--	0.300	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID: I1-HUDS1225		I1-HUDS1254		I1-HUDS1258					
		Residence		Residence		Residence					
		1225 Hudson Circle		1254 Hudson Way		1258 Hudson Way					
		Field Sample ID: I1-TW-0014096-24092	I1-TW-0014096-24092	I1-TW-0014097-24092	I1-TW-0014097-24092	I1-TW-0014098-24092	I1-TW-0014098-24092	I1-TW-0014098-24092	I1-TW-0014098-24092		
		-A	-A-H	-A	-A-H	-A	-A-H	-3-A	-3-A-H		
		Sample Date: 2024-09-20	2024-09-20	2024-08-30	2024-08-30	2024-09-20	2024-09-20	2024-09-20	2024-09-20		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.450	--	0.460	--	0.510	--	0.520	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-HUDS1225		I1-HUDS1254		I1-HUDS1258											
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date						
				11-TW-0014096-24092 -A	2024-09-20	11-TW-0014096-24092 -A-H	2024-09-20	11-TW-0014097-24092 -A	2024-08-30	11-TW-0014097-24092 -A-H	2024-08-30	11-TW-0014098-24092 -A	2024-09-20	11-TW-0014098-24092 -A-H	2024-09-20	11-TW-0014098-24092 -3-A	2024-09-20	11-TW-0014098-24092 -3-A-H	2024-09-20
				N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		FD (Field Duplicate)	
Trihalomethanes (ppb)	Bromoform	--	--	0.420	--	0.620	--	0.680	--	0.580	--	--	0.580	--	--	--	--	--	--
	Chloroform	--	--	0.280	--	0.360	--	0.310	--	0.320	--	--	0.320	--	--	--	--	--	--
	Dibromochloromethane	--	--	0.290	--	0.360	--	0.360	--	0.370	--	--	0.370	--	--	--	--	--	--
	Total Trihalomethanes	80	MCL	1.44	--	1.80	--	1.86	--	1.79	--	--	1.79	--	--	--	--	--	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID: I1-HUDS1273		I1-LAUR1900		I1-SWEE1703		I1-TAMP1555			
		Residence		Residence		Residence		Residence			
		1273 Hudson Way		1900 Laurel Place		1703 Sweetgum Place		1555 Tampa Drive			
		Field Sample ID: I1-TW-0014103-24092	I1-TW-0014103-24092	I1-TW-0014104-24092	I1-TW-0014104-24092	I1-TW-0014122-24092	I1-TW-0014122-24092	I1-TW-0014133-24092	I1-TW-0014133-24092		
		-A	-A-H	-A	-A-H	-A	-A-H	-A	-A-H		
		Sample Date: 2024-08-22	2024-08-22	2024-09-19	2024-09-19	2024-08-30	2024-08-30	2024-09-20	2024-09-20		
		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	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	18.0	48.0	4.00	ND	17.0	8.00	1.00	22.0
Field Test (ppb)	Free Chlorine	4000	MCL	390	170	560	300	380	260	280	330
Field Test (pH)	pH	--	--	7.20	7.29	7.25	7.44	7.26	7.30	7.38	7.45
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.300	0.290	0.260	0.270	0.270	0.280
Field Test (degrees Celcius)	Temperature	--	--	24.3	42.4	28.1	35.7	24.6	33.4	26.9	35.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	3.60	0.840	0.00	0.00	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	60000	--	69400	--	62700	--	65800	--
	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	7.20	--	11.7	--	7.00	--	6.50	--
	Lead	15	MCL	0.190	--	0.620	--	0.220	--	0.190	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID: I1-HUDS1273		I1-LAUR1900		I1-SWEE1703		I1-TAMP1555	
		Residence		Residence		Residence		Residence	
		1273 Hudson Way		1900 Laurel Place		1703 Sweetgum Place		1555 Tampa Drive	
		Field Sample ID: I1-TW-0014103-24092	I1-TW-0014103-24092	I1-TW-0014104-24092	I1-TW-0014104-24092	I1-TW-0014122-24092	I1-TW-0014122-24092	I1-TW-0014133-24092	I1-TW-0014133-24092
		-A	-A-H	-A	-A-H	-A	-A-H	-A	-A-H
		Sample Date: 2024-08-22	2024-08-22	2024-09-19	2024-09-19	2024-08-30	2024-08-30	2024-09-20	2024-09-20
		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						
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.430	--	0.630	--	0.590	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-HUDS1273		I1-LAUR1900		I1-SWEE1703		I1-TAMP1555	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: I1-HUDS1273 Location Type: Residence Address: 1273 Hudson Way		Location ID: I1-LAUR1900 Location Type: Residence Address: 1900 Laurel Place		Location ID: I1-SWEE1703 Location Type: Residence Address: 1703 Sweetgum Place		Location ID: I1-TAMP1555 Location Type: Residence Address: 1555 Tampa Drive	
				I1-TW-0014103-24092 -A	I1-TW-0014103-24092 -A-H	I1-TW-0014104-24092 -A	I1-TW-0014104-24092 -A-H	I1-TW-0014122-24092 -A	I1-TW-0014122-24092 -A-H	I1-TW-0014133-24092 -A	I1-TW-0014133-24092 -A-H
				2024-08-22	2024-08-22	2024-09-19	2024-09-19	2024-08-30	2024-08-30	2024-09-20	2024-09-20
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	0.680	--	1.20	--	1.10	--	0.640	--
	Chloroform	--	--	0.310	--	0.360	--	0.390	--	0.340	--
	Dibromochloromethane	--	--	0.410	--	0.820	--	0.680	--	0.400	--
	Total Trihalomethanes	80	MCL	1.83	--	3.01	--	2.76	--	1.95	--

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID:		I1-TAMP1558		I1-TAMP1568		I1-TAMP1572		I1-TAMP1592	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		1558 Tampa Drive		1568 Tampa Drive		1572 Tampa Drive		1592 Tampa Drive	
		Field Sample ID:		I1-TW-0011956-24092	I1-TW-0011956-24092	I1-TW-0014020-24092	I1-TW-0014020-24092	I1-TW-0014021-24092	I1-TW-0014021-24092	I1-TW-0014026-24092	I1-TW-0014026-24092
				-A	-A-H	-A	-A-H	-A	-A-H	-A	-A-H
		Sample Date:		2024-09-19	2024-09-19	2024-09-20	2024-09-20	2024-09-20	2024-09-20	2024-09-20	2024-09-20
		Sample Type:		N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	14.0	49.0	12.0	72.0	150	190	5.00	20.0
Field Test (ppb)	Free Chlorine	4000	MCL	620	380	570	200	560	480	320	350
Field Test (pH)	pH	--	--	7.23	7.35	7.37	7.37	8.01	7.39	7.39	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.290	0.260	0.270	0.420	0.300	0.280	0.280
Field Test (degrees Celcius)	Temperature	--	--	28.0	37.2	27.2	35.2	25.4	38.7	25.9	34.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.270	0.120	0.00	0.00	0.130	0.170	0.540	0.730
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	69300	--	64100	--	63700	--	67200	--
	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	7.90	--	4.00	--	12.1	--	10.1	--
	Lead	15	MCL	0.170	--	0.470	--	0.800	--	0.250	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-TAMP1558		I1-TAMP1568		I1-TAMP1572		I1-TAMP1592													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--												
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--												
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--												
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--												
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--												
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--												
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--												
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--												
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--												
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--												
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--													
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--													
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.520	--	0.600	--	0.520	--	0.620	--												

Summary of Chemistry Results

Zone I1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-TAMP1558		I1-TAMP1568		I1-TAMP1572		I1-TAMP1592	
				Residence	Residence	Residence	Residence	Residence	Residence		
				1558 Tampa Drive	1558 Tampa Drive	1568 Tampa Drive	1568 Tampa Drive	1572 Tampa Drive	1572 Tampa Drive	1592 Tampa Drive	1592 Tampa Drive
				Field Sample ID: I1-TW-0011956-24092 -A	I1-TW-0011956-24092 -A-H	I1-TW-0014020-24092 -A	I1-TW-0014020-24092 -A-H	I1-TW-0014021-24092 -A	I1-TW-0014021-24092 -A-H	I1-TW-0014026-24092 -A	I1-TW-0014026-24092 -A-H
				Sample Date: 2024-09-19	2024-09-19	2024-09-20	2024-09-20	2024-09-20	2024-09-20	2024-09-20	2024-09-20
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	0.550	--	0.770	--	0.690	--	1.10	--
	Chloroform	--	--	0.320	--	0.330	--	0.310	--	0.350	--
	Dibromochloromethane	--	--	0.360	--	0.560	--	0.460	--	0.650	--
	Total Trihalomethanes	80	MCL	1.75	--	2.26	--	1.98	--	2.72	--

Summary of Chemistry Results
Zone I1
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 July 2024 - September 2024 from Residences in Zone I1

		Location ID:		I1-TAMP1596		I1-TAMP1608		I1-TAMP1612		I1-TAMP1664	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		1596 Tampa Drive		1608 Tampa Drive		1612 Tampa Drive		1664 Tampa Drive	
		Field Sample ID:		I1-TW-0014027-24092	I1-TW-0014027-24092	I1-TW-0014029-24092	I1-TW-0014029-24092	I1-TW-0014030-24092	I1-TW-0014030-24092	I1-TW-0014033-24092	I1-TW-0014033-24092
				-A	-A-H	-A	-A-H	-A	-A-H	-A	-A-H
		Sample Date:		2024-09-20	2024-09-20	2024-07-17	2024-07-17	2024-09-20	2024-09-20	2024-09-24	2024-09-24
		Sample Type:		N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	36.0	21.0	ND	ND	27.0	10.0	82.0	225
Field Test (ppb)	Free Chlorine	4000	MCL	580	270	670	300	640	520	670	590
Field Test (pH)	pH	--	--	7.40	7.34	7.24	7.31	7.38	7.57	7.36	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.280	0.270	0.280	0.310	0.310	0.280	0.280
Field Test (degrees Celcius)	Temperature	--	--	27.9	38.2	28.8	43.6	23.8	37.6	27.6	37.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.67	0.00	0.260	0.630	0.00	0.220	0.130	0.890
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65400	--	61400	--	69900	--	65700	--
	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	8.40	--	9.50	--	5.10	--	11.6	--
	Lead	15	MCL	0.460	--	0.540	--	0.620	--	0.270	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	--	--	ND	--	ND	--
	Anthracene	--	--	ND	--	--	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	--	--	ND	--	ND	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-TAMP1596		I1-TAMP1608		I1-TAMP1612		I1-TAMP1664	
				Location ID: I1-TW-0014027-24092	Location ID: I1-TW-0014027-24092	Location ID: I1-TW-0014029-24092	Location ID: I1-TW-0014029-24092	Location ID: I1-TW-0014030-24092	Location ID: I1-TW-0014030-24092	Location ID: I1-TW-0014033-24092	Location ID: I1-TW-0014033-24092
				Residence							
				1596 Tampa Drive	1596 Tampa Drive	1608 Tampa Drive	1608 Tampa Drive	1612 Tampa Drive	1612 Tampa Drive	1664 Tampa Drive	1664 Tampa Drive
				Field Sample ID: I1-TW-0014027-24092	Field Sample ID: I1-TW-0014027-24092	Field Sample ID: I1-TW-0014029-24092	Field Sample ID: I1-TW-0014029-24092	Field Sample ID: I1-TW-0014030-24092	Field Sample ID: I1-TW-0014030-24092	Field Sample ID: I1-TW-0014033-24092	Field Sample ID: I1-TW-0014033-24092
				-A	-A-H	-A	-A-H	-A	-A-H	-A	-A-H
				Sample Date: 2024-09-20	Sample Date: 2024-09-20	Sample Date: 2024-07-17	Sample Date: 2024-07-17	Sample Date: 2024-09-20	Sample Date: 2024-09-20	Sample Date: 2024-09-24	Sample Date: 2024-09-24
				Sample Type: N (Normal)							
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	--	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	--	--	ND	--	ND	--
	Chrysene	--	--	ND	--	--	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	--	--	ND	--	ND	--
	Fluorene	--	--	ND	--	--	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	--	--	ND	--	ND	--
	Pyrene	--	--	ND	--	--	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	--	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	--	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	--	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	--	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	--	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.590	--	0.330	--	0.480	--	0.420	--

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	I1-TAMP1596		I1-TAMP1608		I1-TAMP1612		I1-TAMP1664	
				Residence	Residence	Residence	Residence	Residence	Residence		
				1596 Tampa Drive		1608 Tampa Drive		1612 Tampa Drive		1664 Tampa Drive	
				Field Sample ID:	Field Sample ID:						
				Sample Date:	Sample Date:						
				Sample Type:	Sample Type:						
				I1-TW-0014027-24092 -A	I1-TW-0014027-24092 -A-H	I1-TW-0014029-24092 -A	I1-TW-0014029-24092 -A-H	I1-TW-0014030-24092 -A	I1-TW-0014030-24092 -A-H	I1-TW-0014033-24092 -A	I1-TW-0014033-24092 -A-H
				2024-09-20	2024-09-20	2024-07-17	2024-07-17	2024-09-20	2024-09-20	2024-09-24	2024-09-24
				N (Normal)	N (Normal)						
Trihalomethanes (ppb)	Bromoform	--	--	0.780	--	0.470	--	0.330	--	ND	--
	Chloroform	--	--	0.340	--	0.350	--	0.310	--	0.380	--
	Dibromochloromethane	--	--	0.490	--	0.380	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	2.20	--	1.53	--	1.12	--	0.800	--

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID:		I1-TAMP1668				I1-TAMP1697	
		Location Type:		Residence				Residence	
		Address:		1668 Tampa Drive				1697 Tampa Drive	
		Field Sample ID:	I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014040-24092	I1-TW-0014040-24092	
			-A	-A-H	-3-A	-3-A-H	-A	-A-H	
		Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-09-24	2024-09-24	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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	ND	8.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	340	280	--	--	690	260
Field Test (pH)	pH	--	--	7.21	7.40	--	--	7.37	7.48
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.290	--	--	0.280	0.300
Field Test (degrees Celcius)	Temperature	--	--	26.4	40.4	--	--	27.4	51.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.240	--	--	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	63800	--	63600	--	68000	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	8.60	--	8.50	--	5.40	--
	Lead	15	MCL	0.240	--	0.230	--	0.140	--
	Mercury	2	MCL	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	--	--	ND	--
	Anthracene	--	--	--	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

		Location ID: I1-TAMP1668				Location ID: I1-TAMP1697	
		Location Type: Residence				Location Type: Residence	
		Address: 1668 Tampa Drive				Address: 1697 Tampa Drive	
		Field Sample ID: I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014034-24092	I1-TW-0014040-24092	I1-TW-0014040-24092
		-A	-A-H	-3-A	-3-A-H	-A	-A-H
		Sample Date: 2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-09-24	2024-09-24
		Sample Type: N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--
	Chrysene	--	--	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--
	Fluorene	--	--	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--
	Naphthalene	--	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	ND	--
	Pyrene	--	--	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--
	Cumene	--	--	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--
	o-Xylene	--	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	ND	--
Toluene	1000	MCL	ND	--	ND	--	
Xylenes, Total	10000	MCL	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	0.450	--

Summary of Chemistry Results

Zone I1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone I1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: I1-TAMP1668				Location ID: I1-TAMP1697	
				Location Type: Residence				Location Type: Residence	
				Address: 1668 Tampa Drive				Address: 1697 Tampa Drive	
				Field Sample ID: I1-TW-0014034-24092	Field Sample ID: I1-TW-0014040-24092	Field Sample ID: I1-TW-0014040-24092			
				-A	-A-H	-3-A	-3-A-H	-A	-A-H
				Sample Date: 2024-07-17	Sample Date: 2024-07-17	Sample Date: 2024-07-17	Sample Date: 2024-07-17	Sample Date: 2024-09-24	Sample Date: 2024-09-24
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	0.410	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.860	--

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone I1

				I1-ALAK1265 School Red Hill Elementary School, 1265 Ala Kula Place								
				Field Sample ID:	I1-TW-0011966-24183 -A-1	I1-TW-0011966-24183 -A-1-H	I1-TW-0011966-24183 -A-2	I1-TW-0011966-24183 -A-3	I1-TW-0011966-24183 -A-4	I1-TW-0011966-24183 -A-5	I1-TW-0011966-24214 -A-1	I1-TW-0011966-24214 -A-3
				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-05	2024-08-05
				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	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	21.0	8.00	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	100	130	60.0	280	100	90.0	530	180	
Field Test (pH)	pH	--	--	8.27	8.15	7.78	7.80	7.75	7.66	7.80	7.69	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.260	0.250	0.260	0.270	0.260	0.250	
Field Test (degrees Celcius)	Temperature	--	--	28.3	40.3	27.5	27.3	25.5	24.2	28.8	26.9	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.470	0.410	0.310	0.160	0.00	0.350	0.820	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	61800	--	58700	56000	60100	60300	64600	59500	
	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	33.5	--	35.0	10.8	58.4	61.9	7.80	25.0	
	Lead	15	MCL	0.190	--	ND	ND	0.190	ND	ND	0.130	
	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	0.0200	ND	ND	ND	ND	
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
Zone I1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone I1

				I1-ALAK1265								
				School								
				Red Hill Elementary School, 1265 Ala Kula Place								
				Field Sample ID:	I1-TW-0011966-24183	I1-TW-0011966-24183	I1-TW-0011966-24183	I1-TW-0011966-24183	I1-TW-0011966-24183	I1-TW-0011966-24183	I1-TW-0011966-24214	I1-TW-0011966-24214
					-A-1	-A-1-H	-A-2	-A-3	-A-4	-A-5	-A-1	-A-3
				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-05	2024-08-05
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND						
	1,3,5-Trimethylbenzene	--	--	ND	--	ND						
	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	--	--	0.640	--	0.680	0.690	0.730	0.650	0.760	0.710	
	Bromoform	--	--	6.90	--	4.30	4.20	4.80	4.90	4.00	3.50	
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	2.40	--	2.40	2.50	2.70	2.30	2.40	2.20	
	Total Trihalomethanes	80	MCL	9.94	--	7.38	7.39	8.23	7.85	7.16	6.41	

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone I1

		Location ID: I1-ALAK1265									
		Location Type: School									
		Address: Red Hill Elementary School, 1265 Ala Kula Place									
		Field Sample ID:		I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245
				-A-1-H	-A-2	-A-4	-A-5	-A-1	-A-1-H	-A-2	-A-3
		Sample Date:		2024-08-05	2024-08-05	2024-08-05	2024-08-05	2024-09-04	2024-09-04	2024-09-04	2024-09-04
		Sample Type:		N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	Absent	Absent	--	Absent	Absent
	E. coli	--	--	--	Absent	Absent	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	32.0	11.0	259	116
Field Test (ppb)	Free Chlorine	4000	MCL	190	360	200	470	270	80.0	240	200
Field Test (pH)	pH	--	--	7.92	7.75	7.74	7.66	8.05	8.16	8.09	8.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.260	0.260	0.280	0.280	0.280	0.280
Field Test (degrees Celcius)	Temperature	--	--	38.1	27.8	27.0	28.0	29.8	37.8	27.9	28.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.220	0.150	0.0830	0.790	1.38	1.68	0.200	0.470
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	65000	60900	63400	70000	--	64500	67200
	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	--	20.0	43.3	20.1	8.10	--	15.6	9.00
	Lead	15	MCL	--	ND	ND	ND	0.140	--	ND	0.170
	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
	Acenaphthylene	--	--	--	--	--	--	ND	--	ND	ND
	Anthracene	--	--	--	--	--	--	ND	--	ND	ND

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone I1

				Location ID: I1-ALAK1265 Location Type: School Address: Red Hill Elementary School, 1265 Ala Kula Place								
				Field Sample ID:	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245
					-A-1-H	-A-2	-A-4	-A-5	-A-1	-A-1-H	-A-2	-A-3
				Sample Date:	2024-08-05	2024-08-05	2024-08-05	2024-08-05	2024-09-04	2024-09-04	2024-09-04	2024-09-04
				Sample Type:	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	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	ND	--	ND	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	ND	--	ND	ND
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	ND	--	ND	ND
	Chrysene	--	--	--	--	--	--	--	ND	--	ND	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	ND	--	ND	ND
	Fluorene	--	--	--	--	--	--	--	ND	--	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	ND	--	ND	ND
	Naphthalene	--	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	ND	--	ND	ND
	Pyrene	--	--	--	--	--	--	--	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
	Benzene	5	MCL	--	ND	ND	ND	ND	ND	--	ND	ND
	Cumene	--	--	--	--	--	--	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	--	ND	ND	ND	ND	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	ND	ND	ND	ND	--	ND	ND
	n-Butylbenzene	--	--	--	--	--	--	--	ND	--	ND	ND
	n-Propylbenzene	--	--	--	--	--	--	--	ND	--	ND	ND
	o-Xylene	--	--	--	ND	ND	ND	ND	ND	--	ND	ND
sec-Butylbenzene	--	--	--	--	--	--	--	ND	--	ND	ND	

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		Location ID: I1-ALAK1265									
		Location Type: School									
		Address: Red Hill Elementary School, 1265 Ala Kula Place									
		Field Sample ID:	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24214	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245	I1-TW-0011966-24245
			-A-1-H	-A-2	-A-4	-A-5	-A-1	-A-1-H	-A-2	-A-3	
		Sample Date:	2024-08-05	2024-08-05	2024-08-05	2024-08-05	2024-09-04	2024-09-04	2024-09-04	2024-09-04	2024-09-04
		Sample Type:	N (Normal)	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)	tert-Butylbenzene	--	--	--	--	--	--	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	--	--	--	0.860	0.840	0.830	1.00	--	1.00	1.00
	Bromoform	--	--	--	3.90	3.60	3.50	12.3	--	11.6	11.6
	Chloroform	--	--	--	ND	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	2.70	2.60	2.40	4.70	--	4.50	4.50
	Total Trihalomethanes	80	MCL	--	7.46	7.04	6.73	18.0	--	17.1	17.1

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		Location ID:	I1-ALAK1265		
		Location Type:	School		
		Address:	Red Hill Elementary School, 1265 Ala Kula Place		
		Field Sample ID:	I1-TW-0011966-24245 -A-4	I1-TW-0011966-24245 -A-5	
		Sample Date:	2024-09-04	2024-09-04	
		Sample Type:	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	--	--	42.0	37.0
Field Test (ppb)	Free Chlorine	4000	MCL	260	290
Field Test (pH)	pH	--	--	8.19	8.04
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270
Field Test (degrees Celcius)	Temperature	--	--	29.4	26.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.840	0.600
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	66200	67300
	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	10.9	8.30
	Lead	15	MCL	ND	ND
	Mercury	2	MCL	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND
	Acenaphthylene	--	--	ND	ND
	Anthracene	--	--	ND	ND

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		Location ID:	I1-ALAK1265		
		Location Type:	School		
		Address:	Red Hill Elementary School, 1265 Ala Kula Place		
		Field Sample ID:	I1-TW-0011966-24245 -A-4	I1-TW-0011966-24245 -A-5	
		Sample Date:	2024-09-04	2024-09-04	
		Sample Type:	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
	Benzo(b)fluoranthene	--	--	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND
	Chrysene	--	--	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND
	Fluorene	--	--	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND
	Naphthalene	--	--	ND	ND
	Phenanthrene	--	--	ND	ND
	Pyrene	--	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND
	Benzene	5	MCL	ND	ND
	Cumene	--	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	n-Butylbenzene	--	--	ND	ND
	n-Propylbenzene	--	--	ND	ND
	o-Xylene	--	--	ND	ND
	sec-Butylbenzene	--	--	ND	ND

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		Location ID:		I1-ALAK1265	
		Location Type:		School	
		Address:		Red Hill Elementary School, 1265 Ala Kula Place	
		Field Sample ID:		I1-TW-0011966-24245	I1-TW-0011966-24245
				-A-4	-A-5
		Sample Date:		2024-09-04	2024-09-04
		Sample Type:		N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	ND	ND
	Toluene	1000	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.970	1.00
	Bromoform	--	--	11.3	11.4
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	4.50	4.60
	Total Trihalomethanes	80	MCL	16.8	17.0

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone I1

		Location ID: I1-HYD1324A				
		Location Type: Hydrant				
		Address: HYD-1324A				
		Field Sample ID: I1-DL-0000642-24183-A	I1-DL-0000642-24214-A	I1-DL-0000642-24245-A		
		Sample Date: 2024-07-26	2024-08-22	2024-09-24		
		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	Absent
	E. coli	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	8.00	14.0
Field Test (ppb)	Free Chlorine	4000	MCL	410	100	150
Field Test (pH)	pH	--	--	7.43	7.43	7.58
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	31.5	33.2	30.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.980	1.82	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65100	70700	67800
	Total Organic Carbon	--	--	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND
	Acenaphthylene	--	--	--	ND	ND
	Anthracene	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND
	Chrysene	--	--	--	ND	ND

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		Location ID: I1-HYD1324A				
		Location Type: Hydrant				
		Address: HYD-1324A				
		Field Sample ID: I1-DL-0000642-24183-A	I1-DL-0000642-24214-A	I1-DL-0000642-24245-A		
		Sample Date: 2024-07-26	2024-08-22	2024-09-24		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND
	Fluorene	--	--	--	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND
	Naphthalene	--	--	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND
	Pyrene	--	--	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND
	Benzene	5	MCL	ND	ND	ND
	Cumene	--	--	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND
	n-Propylbenzene	--	--	--	ND	ND
	o-Xylene	--	--	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND
	tert-Butylbenzene	--	--	--	ND	ND
	Toluene	1000	MCL	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.630	0.940	0.920
	Bromoform	--	--	2.00	6.80	8.10

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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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone I1

		Location ID: I1-HYD1324A				
		Location Type: Hydrant				
		Address: HYD-1324A				
		Field Sample ID: 11-DL-0000642-24183-A	11-DL-0000642-24214-A	11-DL-0000642-24245-A		
		Sample Date: 2024-07-26	2024-08-22	2024-09-24		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Trihalomethanes (ppb)	Chloroform	--	--	0.310	0.460	0.500
	Dibromochloromethane	--	--	1.40	2.40	2.00
	Total Trihalomethanes	80	MCL	4.34	10.6	11.5