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 April 2024 - June 2024 from Residences in Zone I1

			Location ID:	I1-BUTT1511	I1-BUTT1513	I1-CONI1749	I1-COWS1614	I1-COWS1632	I1-MADR1835		I1-TAMP1544
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
			Address:	1511 Buttonwood Place	1513 Buttonwood Place	1749 Conifer Place	1614 Cowslip Lane	1632 Cowslip Lane	1835 Madrona Place		1544 Tampa Drive
			Field Sample ID:	I1-TW-0014061-24092-A	I1-TW-0014062-24092-A	I1-TW-0014071-24092-A	I1-TW-0011953-24092-A	I1-TW-0011951-24092-A	I1-TW-0014112-24092-A	I1-TW-0014112-24092-3-A	I1-TW-0014131-24092-A
			Sample Date:	2024-04-24	2024-04-24	2024-05-09	2024-05-09	2024-05-09	2024-04-24	2024-04-24	2024-04-24
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**								
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	910	530	550	630	620	840	--	520
Field Test (pH)	pH	--	--	7.33	7.38	7.35	7.31	7.31	7.35	--	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.250	0.250	0.250	--	0.250
Field Test (degrees Celcuis)	Temperature	--	--	24.2	24.1	24.5	24.1	25.0	24.0	--	24.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.290	0.250	0.300	0.200	0.270	0.0850	--	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	50000	56400	53800	56500	55000	52500	55000
	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	6.80	5.50	6.30	6.20	7.80	6.70	6.60	7.50
	Lead	15	MCL	0.320	0.390	0.420	0.450	0.500	0.350	0.310	0.510
	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

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 April 2024 - June 2024 from Residences in Zone I1

			Location ID:	I1-BUTT1511	I1-BUTT1513	I1-CONI1749	I1-COWS1614	I1-COWS1632	I1-MADR1835		I1-TAMP1544
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
			Address:	1511 Buttonwood Place	1513 Buttonwood Place	1749 Conifer Place	1614 Cowslip Lane	1632 Cowslip Lane	1835 Madrona Place		1544 Tampa Drive
			Field Sample ID:	I1-TW-0014061-24092-A	I1-TW-0014062-24092-A	I1-TW-0014071-24092-A	I1-TW-0011953-24092-A	I1-TW-0011951-24092-A	I1-TW-0014112-24092-A	I1-TW-0014112-24092-3-A	I1-TW-0014131-24092-A
			Sample Date:	2024-04-24	2024-04-24	2024-05-09	2024-05-09	2024-05-09	2024-04-24	2024-04-24	2024-04-24
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**								
Volatile Organic Compounds (ppb)	1,3,5-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	--	--	0.380	0.400	0.610	ND	0.320	0.500	0.480	0.410
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	0.340	0.410	ND	0.250	0.410	0.410	0.350
	Total Trihalomethanes	80	MCL	0.700	0.740	1.02	ND	0.570	0.910	0.890	0.760

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone I1

			Location ID:	I1-TAMP1580		I1-TAMP1630	
			Location Type:	Residence		Residence	
			Address:	1580 Tampa Drive		1630 Tampa Drive	
			Field Sample ID:	I1-TW-0014024-24092-A	I1-TW-0014024-24092-A-H	I1-TW-0014031-24092-A	I1-TW-0014031-24092-3-A
			Sample Date:	2024-06-25	2024-06-25	2024-05-08	2024-05-08
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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	--	--	128	35.0	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	440	410	670	--
Field Test (pH)	pH	--	--	7.31	7.49	7.27	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.260	--
Field Test (degrees Celcuis)	Temperature	--	--	25.1	34.9	25.0	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.430	0.580	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	--	54200	54400
	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	6.60	--	2.50	2.50
	Lead	15	MCL	0.240	--	ND	ND
	Mercury	2	MCL	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND
	Naphthalene	--	--	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	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 April 2024 - June 2024 from Residences in Zone I1

			Location ID:	I1-TAMP1580		I1-TAMP1630	
			Location Type:	Residence		Residence	
			Address:	1580 Tampa Drive		1630 Tampa Drive	
			Field Sample ID:	I1-TW-0014024-24092-A	I1-TW-0014024-24092-A-H	I1-TW-0014031-24092-A	I1-TW-0014031-24092-3-A
			Sample Date:	2024-06-25	2024-06-25	2024-05-08	2024-05-08
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**				
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND
	o-Xylene	--	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND
	Bromoform	--	--	ND	--	ND	ND
	Chloroform	--	--	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	ND

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Drinking Water Samples Collected in April 2024 - June 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-0011966-24092-A-1	I1-TW-0011966-24092-A-2	I1-TW-0011966-24092-A-3	I1-TW-0011966-24092-A-4	I1-TW-0011966-24092-A-5	I1-TW-0011966-24122-A-1	I1-TW-0011966-24122-A-2	I1-TW-0011966-24122-A-3
			Sample Date:	2024-04-05	2024-04-05	2024-04-05	2024-04-05	2024-04-05	2024-05-01	2024-05-01	2024-05-01
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**								
Field Test (ppb)	Free Chlorine	4000	MCL	270	270	280	300	280	270	410	340
Field Test (pH)	pH	--	--	7.90	7.95	8.02	8.01	7.94	7.99	8.04	8.04
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.280	0.280	0.280	0.280	0.270	0.270	0.270
Field Test (degrees Celcuis)	Temperature	--	--	25.4	24.3	23.9	24.4	24.0	27.9	25.8	25.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	0.0780	0.100	0.110	0.130	0.410	0.370	0.290
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	55000	55000	62500	52500	50000	50000	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
Metals (ppb)	Copper	1300	MCL	10.1	28.8	31.3	34.1	28.2	12.3	19.1	20.7
	Lead	15	MCL	ND	ND	ND	ND	ND	0.190	ND	ND
	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

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Drinking Water Samples Collected in April 2024 - June 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-0011966-24092-A-1	I1-TW-0011966-24092-A-2	I1-TW-0011966-24092-A-3	I1-TW-0011966-24092-A-4	I1-TW-0011966-24092-A-5	I1-TW-0011966-24122-A-1	I1-TW-0011966-24122-A-2	I1-TW-0011966-24122-A-3
			Sample Date:	2024-04-05	2024-04-05	2024-04-05	2024-04-05	2024-04-05	2024-05-01	2024-05-01	2024-05-01
			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)	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	--	--	0.680	0.670	0.680	0.650	0.700	0.580	0.590	0.620
	Bromoform	--	--	5.10	4.30	4.50	4.10	4.50	4.40	4.20	4.60
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	2.60	2.50	2.50	2.40	2.50	2.30	2.30	2.40
	Total Trihalomethanes	80	MCL	8.38	7.47	7.68	7.15	7.70	7.28	7.09	7.62

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Drinking Water Samples Collected in April 2024 - June 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-0011966-24122-A-4	I1-TW-0011966-24122-A-5	I1-TW-0011966-24153-A-1	I1-TW-0011966-24153-A-1-H	I1-TW-0011966-24153-A-2	I1-TW-0011966-24153-3-A-2	I1-TW-0011966-24153-A-3	I1-TW-0011966-24153-A-4		
			Sample Date:	2024-05-01	2024-05-01	2024-06-05	2024-06-05	2024-06-05	2024-06-05	2024-06-05	2024-06-05		
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**										
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	Absent	Absent	Absent		
	E. coli	--	--	--	--	Absent	--	Absent	Absent	Absent	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND	ND	ND	ND	ND		
Field Test (ppb)	Free Chlorine	4000	MCL	490	380	60.0	490	320	--	270	270		
Field Test (pH)	pH	--	--	8.00	8.04	8.15	8.09	8.03	--	8.01	8.01		
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.240	0.250	0.240	--	0.240	0.240		
Field Test (degrees Celcuis)	Temperature	--	--	26.7	26.0	28.2	39.8	26.2	--	26.2	26.5		
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.280	0.330	0.0640	0.360	0.210	--	0.00900	0.00570		
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	50000	66300	--	63800	66400	62600	60900		
	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	20.5	14.3	21.8	--	32.4	32.2	38.3	33.7		
	Lead	15	MCL	ND	ND	0.300	--	ND	ND	0.280	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		

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			Location ID:	I1-ALAK1265							
			Location Type:	School							
			Address:	Red Hill Elementary School, 1265 Ala Kula Place							
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			Sample Date:	2024-05-01	2024-05-01	2024-06-05	2024-06-05	2024-06-05	2024-06-05	2024-06-05	2024-06-05
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**								
Volatile Organic Compounds (ppb)	1,2,4-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
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.660	0.630	1.30	--	1.20	1.20	1.20	1.20
	Bromoform	--	--	4.70	4.40	14.7	--	6.20	6.00	6.30	6.10
	Chloroform	--	--	ND	ND	0.300	--	0.260	0.270	0.260	0.270
	Dibromochloromethane	--	--	2.60	2.40	5.20	--	4.10	4.00	4.20	4.10
	Total Trihalomethanes	80	MCL	7.96	7.43	21.5	--	11.8	11.5	12.0	11.7

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

Notes:
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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 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-0011966-24153-A-5
Sample Date:	2024-06-05
Sample Type:	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	--	--	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	400
Field Test (pH)	pH	--	--	8.01
Field Test (ms/cm)	Specific Conductivity	--	--	0.240
Field Test (degrees Celcuis)	Temperature	--	--	26.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	62900
	Total Organic Carbon	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND
Metals (ppb)	Copper	1300	MCL	26.3
	Lead	15	MCL	ND
	Mercury	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND
	2-Methylnaphthalene	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Naphthalene	--	--	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)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 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-0011966-24153-A-5
Sample Date:	2024-06-05
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
	1,3,5-Trimethylbenzene	--	--	ND
	Benzene	5	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	o-Xylene	--	--	ND
	Toluene	1000	MCL	ND
	Xylenes, Total	10000	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.30
	Bromoform	--	--	6.80
	Chloroform	--	--	0.280
	Dibromochloromethane	--	--	4.50
	Total Trihalomethanes	80	MCL	12.9

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)
§ - 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 I1

			Location ID:	I1-HYD1324A			
			Location Type:	Hydrant			
			Address:	HYD-1324A			
			Field Sample ID:	I1-DL-0000642-24092-A	I1-DL-0000642-24122-A	I1-DL-0000642-24153-A	I1-DL-0000642-24153-3-A
			Sample Date:	2024-04-25	2024-05-08	2024-06-25	2024-06-25
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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	350	330	550	--
Field Test (pH)	pH	--	--	7.46	7.41	7.48	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.280	--
Field Test (degrees Celcuis)	Temperature	--	--	28.3	29.2	30.2	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	1.23	0.440	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	60600	58900	57900
	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
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	ND
	Naphthalene	--	--	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	ND
	Benzene	5	MCL	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 Thousand (ppth)
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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 Hydrants in Zone I1

			Location ID:	I1-HYD1324A			
			Location Type:	Hydrant			
			Address:	HYD-1324A			
			Field Sample ID:	I1-DL-0000642-24092-A	I1-DL-0000642-24122-A	I1-DL-0000642-24153-A	I1-DL-0000642-24153-3-A
			Sample Date:	2024-04-25	2024-05-08	2024-06-25	2024-06-25
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	**Analyte**	**DOH Project Screening Level**	**Basis of Project Screening Level**				
Volatile Organic Compounds (ppb)	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	--	--	0.590	0.650	0.870	0.870
	Bromoform	--	--	3.60	5.40	3.20	3.10
	Chloroform	--	--	0.280	0.310	0.490	0.470
	Dibromochloromethane	--	--	1.80	2.30	2.10	2.10
	Total Trihalomethanes	80	MCL	6.27	8.66	6.66	6.54