

Summary of Chemistry Results
Zone H1
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 from Residences in Zone H1

		Location ID:		H1-AMAD3353		H1-BAMB3605		H1-BAMB3649		H1-CALA3016	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		3353 Ama Drive		3605 Bamboo Lane		3649 Bamboo Lane		3016 Calamondin Way	
		Field Sample ID:		H1-TW-0012393-24092-A	H1-TW-0012393-24092-A-H	H1-TW-0013235-24092-A	H1-TW-0013235-24092-A-H	H1-TW-0013259-24092-A	H1-TW-0013259-24092-A-H	H1-TW-0013341-24092-3-A	H1-TW-0013341-24092-3-A-H
		Sample Date:		2024-07-16	2024-07-16	2024-07-31	2024-07-31	2024-07-17	2024-07-17	2024-07-31	2024-07-31
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	660	400	700	330	620	490	--	--
Field Test (pH)	pH	--	--	6.80	6.82	6.99	7.05	6.90	7.03	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.240	0.260	--	--
Field Test (degrees Celcius)	Temperature	--	--	25.2	45.9	26.5	47.9	24.9	44.5	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.310	0.0780	0.00	0.00	0.00	0.00	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54400	--	53900	--	56200	--	55000	--
	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	9.00	--	6.50	--	7.30	--	7.20	--
	Lead	15	MCL	0.770	--	0.150	--	0.470	--	0.520	--
	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	--	ND	--
	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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Zone H1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone H1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-AMAD3353		Location ID: H1-BAMB3605		Location ID: H1-BAMB3649		Location ID: H1-CALA3016	
				Location Type: Residence	Address: 3353 Ama Drive	Location Type: Residence	Address: 3605 Bamboo Lane	Location Type: Residence	Address: 3649 Bamboo Lane	Location Type: Residence	Address: 3016 Calamondin Way
				Field Sample ID: H1-TW-0012393-24092-A	Field Sample ID: H1-TW-0012393-24092-A-H	Field Sample ID: H1-TW-0013235-24092-A	Field Sample ID: H1-TW-0013235-24092-A-H	Field Sample ID: H1-TW-0013259-24092-A	Field Sample ID: H1-TW-0013259-24092-A-H	Field Sample ID: H1-TW-0013341-24092-3-A	Field Sample ID: H1-TW-0013341-24092-3-A-H
				Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-31	Sample Date: 2024-07-31	Sample Date: 2024-07-17	Sample Date: 2024-07-17	Sample Date: 2024-07-31	Sample Date: 2024-07-31
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)
Volatile Organic Compounds (ppb)	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	--	0.370	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	0.340	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	0.710	--	ND	--	ND	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H1-CALA3016		H1-CALA3107		H1-CALA3119		H1-CASS3231	
				Residence	Residence	Residence	Residence	Residence	Residence		
				3016 Calamondin Way		3107 Calamondin Way		3119 Calamondin Way		3231 Cassia Lane	
				H1-TW-0013341-24092-A	H1-TW-0013341-24092-A-H	H1-TW-0012689-24092-A	H1-TW-0012689-24092-A-H	H1-TW-0012695-24092-A	H1-TW-0012695-24092-A-H	H1-TW-0012714-24092-A	H1-TW-0012714-24092-A-H
				2024-07-31	2024-07-31	2024-07-31	2024-07-31	2024-07-16	2024-07-16	2024-07-31	2024-07-31
				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	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	650	490	550	380	620	450	560	250
Field Test (pH)	pH	--	--	6.86	6.89	6.96	6.99	6.88	7.11	6.82	6.94
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.250	0.290	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.1	45.9	24.6	51.9	25.2	48.0	25.0	41.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.390	0.650	0.00	0.0300	0.180	0.290	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	--	54100	--	53700	--	56600	--
	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	7.50	--	6.20	--	11.5	--	9.80	--
	Lead	15	MCL	0.510	--	0.690	--	0.330	--	0.560	--
	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	0.0160	--	ND	--	ND	--	0.0170	--
	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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		Location ID:		H1-CALA3016		H1-CALA3107		H1-CALA3119		H1-CASS3231	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		3016 Calamondin Way		3107 Calamondin Way		3119 Calamondin Way		3231 Cassia Lane	
		Field Sample ID:		H1-TW-0013341-24092-A	H1-TW-0013341-24092-A-H	H1-TW-0012689-24092-A	H1-TW-0012689-24092-A-H	H1-TW-0012695-24092-A	H1-TW-0012695-24092-A-H	H1-TW-0012714-24092-A	H1-TW-0012714-24092-A-H
		Sample Date:		2024-07-31	2024-07-31	2024-07-31	2024-07-31	2024-07-16	2024-07-16	2024-07-31	2024-07-31
		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	--	--	0.470	--	ND	--	ND	--	0.480	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.320	--	ND	--	ND	--	0.280	--
	Total Trihalomethanes	80	MCL	0.790	--	ND	--	ND	--	0.760	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone H1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-FLAM2523		Location ID: H1-GOLD6036		Location ID: H1-GUAV3821		Location ID: H1-KOBA4415	
				Location Type: Residence	Address: 2523 Flame Lane	Location Type: Residence	Address: 6036 Gold Lane	Location Type: Residence	Address: 3821 Guava Lane	Location Type: Residence	Address: 4415 Kobashigawa Street
				Field Sample ID: H1-TW-0012361-24092-A	Field Sample ID: H1-TW-0012361-24092-A-H	Field Sample ID: H1-TW-0012845-24092-A	Field Sample ID: H1-TW-0012845-24092-A-H	Field Sample ID: H1-TW-0012362-24092-A	Field Sample ID: H1-TW-0012362-24092-A-H	Field Sample ID: H1-TW-0013000-24092-A	Field Sample ID: H1-TW-0013000-24092-A-H
				Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-16	Sample Date: 2024-07-31	Sample Date: 2024-07-31
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	45.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	330	800	750	440	570	840	610	390
Field Test (pH)	pH	--	--	6.93	6.82	6.88	6.95	6.92	6.91	7.05	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.250	0.270	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	27.8	42.4	25.8	40.8	26.0	44.2	25.8	44.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.780	0.270	0.150	0.00	0.350	0.0580	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58000	--	55400	--	55300	--	56300	--
	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	9.10	--	8.40	--	15.6	--	10.2	--
	Lead	15	MCL	0.240	--	0.180	--	0.410	--	0.620	--
	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	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--

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		Location ID: H1-FLAM2523		H1-GOLD6036		H1-GUAV3821		H1-KOBA4415			
		Residence		Residence		Residence		Residence			
		2523 Flame Lane		6036 Gold Lane		3821 Guava Lane		4415 Kobashigawa Street			
		Field Sample ID:	H1-TW-0012361-24092-A	H1-TW-0012361-24092-A-H	H1-TW-0012845-24092-A	H1-TW-0012845-24092-A-H	H1-TW-0012362-24092-A	H1-TW-0012362-24092-A-H	H1-TW-0013000-24092-A	H1-TW-0013000-24092-A-H	
		Sample Date:	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-31	2024-07-31	
		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	--
	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	--	--	0.550	--	ND	--	ND	--	0.570	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.410	--	ND	--	0.270	--	0.410	--
	Total Trihalomethanes	80	MCL	0.960	--	ND	--	0.270	--	0.980	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone H1

		Location ID:		H1-POME2328	
		Location Type:		Residence	
		Address:		2328 Pomelaiki Street	
		Field Sample ID:		H1-TW-0013462-24092-A	H1-TW-0013462-24092-A-H
		Sample Date:		2024-07-16	2024-07-16
		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	--
	E. coli	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	1020	560
Field Test (pH)	pH	--	--	6.93	6.85
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	25.0	41.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0830	0.0850
	General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56600
	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	6.00	--
	Lead	15	MCL	0.180	--
	Mercury	2	MCL	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--
	Naphthalene	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--

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		Location ID:	H1-POME2328		
		Location Type:	Residence		
		Address:	2328 Pomelaiki Street		
		Field Sample ID:	H1-TW-0013462-24092-A	H1-TW-0013462-24092-A-H	
		Sample Date:	2024-07-16	2024-07-16	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	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	--	--	ND	--
	Bromoform	--	--	ND	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--

Summary of Chemistry Results
Zone H1
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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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone H1

		Location ID:		H1-BLDG1782			H1-BLDG1783			H1-BLDG1795	
		Location Type:		Child Development Center			Child Development Center			Child Development Center	
		Address:		Building 1782,CYS / Army Community Center			Building 1783,CDC - Under 6 years			Building 1795,Youth Activities Center	
		Field Sample ID:		H1-TW-0017683-24183-A-1	H1-TW-0017683-24183-A-1-H	H1-TW-0017683-24183-A-2	H1-TW-0017684-24183-A-1	H1-TW-0017684-24183-A-1-H	H1-TW-0017684-24183-A-2	H1-TW-0017687-24183-A-1	H1-TW-0017687-24183-A-1-H
		Sample Date:		2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03
		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	--
	E. coli	--	--	Absent	--	Absent	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	610	500	790	580	70.0	550	420	430
Field Test (pH)	pH	--	--	6.83	6.85	6.93	7.17	7.12	7.04	7.12	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.250	0.300	0.270	0.270	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.3	55.1	27.4	23.7	29.7	23.0	27.5	35.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.100	0.00	0.00870	0.0270	0.00	0.150	0.510
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53800	--	54100	52800	--	54500	54100	--
	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	45.8	--	37.9	32.8	--	40.0	141	--
	Lead	15	MCL	0.380	--	0.460	0.460	--	0.480	0.250	--
	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	0.0150	--	ND	ND	--	ND	ND	--

Summary of Chemistry Results

Zone H1

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone H1

		Location ID:		H1-BLDG1782			H1-BLDG1783			H1-BLDG1795	
		Location Type:		Child Development Center			Child Development Center			Child Development Center	
		Address:		Building 1782,CYS / Army Community Center			Building 1783,CDC - Under 6 years			Building 1795,Youth Activities Center	
		Field Sample ID:		H1-TW-0017683-24183-A-1	H1-TW-0017683-24183-A-1-H	H1-TW-0017683-24183-A-2	H1-TW-0017684-24183-A-1	H1-TW-0017684-24183-A-1-H	H1-TW-0017684-24183-A-2	H1-TW-0017687-24183-A-1	H1-TW-0017687-24183-A-1-H
		Sample Date:		2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03
		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)	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	--
	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	0.270	--
	Bromoform	--	--	0.360	--	ND	ND	--	ND	0.910	--
	Chloroform	--	--	ND	--	ND	ND	--	ND	ND	--
	Dibromochloromethane	--	--	0.260	--	ND	ND	--	ND	0.630	--
	Total Trihalomethanes	80	MCL	0.620	--	ND	ND	--	ND	1.81	--

Summary of Chemistry Results
Zone H1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone H1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-BLDG1795		Location ID: H1-BLDG1875		
				Location Type: Child Development Center		Location Type: Child Development Center		
				Address: Building 1795, Youth Activities Center		Address: Building 1875, Private/Organizational Club		
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				H1-TW-0017687-24183-A-2	H1-TW-0017687-24183-A-2-H	H1-TW-0017689-24183-A-1	H1-TW-0017689-24183-A-1-H	H1-TW-0017689-24183-A-2
				Sample Date: 2024-07-03	Sample Date: 2024-07-03	Sample Date: 2024-07-03	Sample Date: 2024-07-03	Sample Date: 2024-07-03
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	38.0	120	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	630	650	170	80.0	560
Field Test (pH)	pH	--	--	7.04	7.05	7.37	8.21	7.47
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.300	0.320	0.300
Field Test (degrees Celcius)	Temperature	--	--	24.8	34.2	26.5	39.1	27.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0310	0.160	0.150	0.270	0.180
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	--	56300	--	55000
	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	142	--	122	--	46.9
	Lead	15	MCL	0.420	--	0.290	--	0.540
	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

Summary of Chemistry Results

Zone H1

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone H1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-BLDG1795		Location ID: H1-BLDG1875			
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
				Location Type: Child Development Center		Location Type: Child Development Center			
				Address: Building 1795, Youth Activities Center		Address: Building 1875, Private/Organizational Club			
				H1-TW-0017687-24183-A-2	2024-07-03	N (Normal)	H1-TW-0017689-24183-A-1	2024-07-03	N (Normal)
				H1-TW-0017687-24183-A-2-H	2024-07-03	N (Normal)	H1-TW-0017689-24183-A-1-H	2024-07-03	N (Normal)
							H1-TW-0017689-24183-A-2	2024-07-03	N (Normal)
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	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	
	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	--	0.380	--	0.380	
	Bromoform	--	--	ND	--	0.890	--	1.10	
	Chloroform	--	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	ND	--	0.850	--	0.910	
	Total Trihalomethanes	80	MCL	ND	--	2.12	--	2.39	

Summary of Chemistry Results
Zone H1
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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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Hydrants in Zone H1

		Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		Field Sample ID:	H1-DL-0017756-24183 -A	H1-DL-0017754-24183 -A	H1-DL-0017755-24183 -A	
		Sample Date:	2024-07-16	2024-07-16	2024-07-16	
		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	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	600	630	630
Field Test (pH)	pH	--	--	6.80	7.00	6.81
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.8	28.1	25.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.960	0.520	0.970
	General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55700	55300
	Total Organic Carbon	--	--	500	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	63.5	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	63.5	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
	Benzene	5	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND

Summary of Chemistry Results

Zone H1

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 from Hydrants in Zone H1

		Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		Field Sample ID:	H1-DL-0017756-24183 -A	H1-DL-0017754-24183 -A	H1-DL-0017755-24183 -A	
		Sample Date:	2024-07-16	2024-07-16	2024-07-16	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	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	--	--	0.400	0.540	ND
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.360	ND
	Total Trihalomethanes	80	MCL	0.400	0.900	ND