

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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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 Residences in Zone D2

				Location ID:	D2-11TH0118		D2-15TH0203E		D2-15TH0206		D2-19TH0109	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	118 11th Street		203E 15th Street		206 15th Street		109 19th Street	
				Field Sample ID:	D2-TW-0008355-24092-N	D2-TW-0008355-24092-N-H	D2-TW-0007488-24092-N	D2-TW-0007488-24092-N-H	D2-TW-0007105-24092-N	D2-TW-0007105-24092-N-H	D2-TW-0008293-24092-N	D2-TW-0008293-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	8.00	ND		ND	ND	4.00	2.00	10.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	250	140		440	330	510	320	370	670
Field Test (pH)	pH	--	--	7.28	7.31		7.19	7.35	7.39	7.48	7.07	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.250	0.270	0.230	0.270	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	24.1	44.3		25.3	39.2	27.8	42.4	26.4	43.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.190	0.270		2.49	0.00	0.460	0.510	0.190	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55100	--		51000	--	53800	--	53500	--
	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	30.1	--		14.1	--	10.5	--	31.1	--
	Lead	15	MCL	0.150	--		ND	--	ND	--	ND	--
	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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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:		D2-11TH0118 Residence 118 11th Street D2-TW-0008355-24092-N 2024-07-09 N (Normal)		D2-15TH0203E Residence 203E 15th Street D2-TW-0007488-24092-N 2024-07-09 N (Normal)		D2-15TH0206 Residence 206 15th Street D2-TW-0007105-24092-N 2024-07-09 N (Normal)		D2-19TH0109 Residence 109 19th Street D2-TW-0008293-24092-N 2024-07-09 N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	ND	--

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				Location ID:	D2-19TH0114		D2-19TH0133		D2-19TH0174		D2-19TH0188	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	114 19th Street		133 19th Street		174 19th Street		188 19th Street	
				Field Sample ID:	D2-TW-0008297-24092-N	D2-TW-0008297-24092-N-H	D2-TW-0007108-24092-N	D2-TW-0007108-24092-N-H	D2-TW-0007444-24092-N	D2-TW-0007444-24092-N-H	D2-TW-0007451-24092-N	D2-TW-0007451-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-10	2024-07-10	2024-07-31	2024-07-31	2024-07-30	2024-07-30
				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	--	--	40.0	2.00		ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	220	530		150	80.0	680	580	350	110
Field Test (pH)	pH	--	--	7.08	6.99		7.05	6.92	7.60	7.35	7.39	8.63
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.270		0.250	0.270	0.250	0.290	0.240	0.280
Field Test (degrees Celcuis)	Temperature	--	--	27.4	46.1		26.2	51.5	25.3	43.7	25.0	37.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.860	0.270		0.390	0.150	0.00420	0.0910	0.140	0.710
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	--		56400	--	55200	--	56200	--
	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	59.4	--		34.2	--	24.6	--	63.4	--
	Lead	15	MCL	ND	--		ND	--	ND	--	ND	--
	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	0.0150	--		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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				Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:		D2-19TH0114 Residence 114 19th Street D2-TW-0008297-24092-N 2024-07-09 N (Normal)		D2-19TH0133 Residence 133 19th Street D2-TW-0007108-24092-N 2024-07-10 N (Normal)		D2-19TH0174 Residence 174 19th Street D2-TW-0007444-24092-N 2024-07-31 N (Normal)		D2-19TH0188 Residence 188 19th Street D2-TW-0007451-24092-N 2024-07-30 N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	ND	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-1ST0108		D2-1ST0124		D2-20TH0100		D2-20TH0105	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	108 1st Street		124 1st Street		100 20th Street		105 20th Street	
				Field Sample ID:	D2-TW-0007730-24092-N-WQI	D2-TW-0007730-24092-N-H-WQI	D2-TW-0007904-24092-N	D2-TW-0007904-24092-N-H	D2-TW-0007908-24092-N	D2-TW-0007908-24092-N-H	D2-TW-0007913-24092-N	D2-TW-0007913-24092-N-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	ND	ND		ND	ND	6.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	200	420		420	180	490	250	540	300
Field Test (pH)	pH	--	--	7.28	7.37		7.10	7.00	7.41	7.37	7.13	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.250	0.270	0.240	0.270	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	24.9	44.6		25.4	53.1	26.4	49.1	27.3	46.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.490	0.520		0.170	0.130	0.440	0.600	0.930	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52800	--		54900	--	52500	--	52600	--
	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	49.4	--		45.1	--	65.5	--	34.4	--
	Lead	15	MCL	0.270	--		0.150	--	0.630	--	ND	--
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	ND	--

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				Location ID:	D2-20TH0106		D2-20TH0121		D2-20TH0164		D2-21ST0107	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	106 20th Street		121 20th Street		164 20th Street		107 21st Street	
				Field Sample ID:	D2-TW-0007914-24092-N	D2-TW-0007914-24092-N-H	D2-TW-0006949-24092-N	D2-TW-0006949-24092-N-H	D2-TW-0007134-24092-N	D2-TW-0007134-24092-N-H	D2-TW-0007191-24092-N	D2-TW-0007191-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-10	2024-07-10	2024-07-09	2024-07-09
				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	--	--	ND	ND		ND	ND	ND	ND	4.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	390	170		380	380	430	70.0	250	50.0
Field Test (pH)	pH	--	--	7.56	7.33		7.64	7.35	7.08	7.04	7.01	6.95
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270		0.210	0.270	0.250	0.280	0.140	0.280
Field Test (degrees Celcuis)	Temperature	--	--	26.0	48.0		27.2	48.0	24.8	42.7	27.1	50.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.450	0.580		0.190	0.250	0.180	0.180	0.400	0.0210
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	--		51200	--	55600	--	52900	--
	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	91.0	--		85.0	--	39.6	--	74.8	--
	Lead	15	MCL	0.470	--		0.160	--	0.130	--	0.550	--
	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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FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID: D2-20TH0106		D2-20TH0121		D2-20TH0164		D2-21ST0107		
				Location Type: Residence		Residence		Residence		Residence		
				Address: 106 20th Street		121 20th Street		164 20th Street		107 21st Street		
				Field Sample ID:	D2-TW-0007914-24092-N	D2-TW-0007914-24092-N-H	D2-TW-0006949-24092-N	D2-TW-0006949-24092-N-H	D2-TW-0007134-24092-N	D2-TW-0007134-24092-N-H	D2-TW-0007191-24092-N	D2-TW-0007191-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-10	2024-07-10	2024-07-09	2024-07-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
		DOH Project Screening Level	Basis of Project Screening Level									
Method Group	Analyte											
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	

Summary of Chemistry Results
Zone D2
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
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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-21ST0113		D2-21ST0123		D2-21ST0134		D2-21ST0138	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	113 21st Street		123 21st Street		134 21st Street		138 21st Street	
				Field Sample ID:	D2-TW-0008009-24092-N	D2-TW-0008009-24092-N-H	D2-TW-0008377-24092-N	D2-TW-0008377-24092-N-H	D2-TW-0007096-24092-N	D2-TW-0007096-24092-N-H	D2-TW-0008094-24092-N	D2-TW-0008094-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	ND	ND		ND	ND	2.00	23.0	10.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510	230		590	50.0	40.0	70.0	270	420
Field Test (pH)	pH	--	--	7.20	7.25		7.09	7.09	7.03	7.01	7.13	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250		0.250	0.270	0.250	0.270	0.260	0.290
Field Test (degrees Celcuis)	Temperature	--	--	26.4	36.0		25.8	48.8	25.5	39.2	27.2	39.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.190	0.230		0.00	0.550	0.00	0.430	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51600	--		53100	--	54300	--	55300	--
	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	21.7	--		42.7	--	84.6	--	58.5	--
	Lead	15	MCL	ND	--		ND	--	ND	--	0.490	--
	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	--	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	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-21ST0113		D2-21ST0123		D2-21ST0134		D2-21ST0138	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	113 21st Street		123 21st Street		134 21st Street		138 21st Street	
				Field Sample ID:	D2-TW-0008009-24092-N	D2-TW-0008009-24092-N-H	D2-TW-0008377-24092-N	D2-TW-0008377-24092-N-H	D2-TW-0007096-24092-N	D2-TW-0007096-24092-N-H	D2-TW-0008094-24092-N	D2-TW-0008094-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--		ND	--	ND	--	0.550	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	--	0.550	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-2ND0122		D2-2ND0203B		D2-4TH0126		D2-4TH0127	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	122 2nd Street		203B 2nd Street		126 4th Street		127 4th Street	
				Field Sample ID:	D2-TW-0008107-24092-N	D2-TW-0008107-24092-N-H	D2-TW-0007560-24092-N	D2-TW-0007560-24092-N-H	D2-TW-0008018-24092-N	D2-TW-0008018-24092-N-H	D2-TW-0008019-24092-N	D2-TW-0008019-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-30	2024-07-30	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	2.00	ND		ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	190	90.0		710	350	340	130	390	180
Field Test (pH)	pH	--	--	7.21	7.12		7.18	7.44	7.17	7.52	7.52	7.45
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.270		0.230	0.300	0.240	0.270	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	21.7	47.8		24.8	43.9	22.9	49.7	26.0	51.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	0.550		0.130	0.780	0.00	0.270	0.410	0.140
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54700	--		58700	--	54000	--	54300	--
	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	24.7	--		14.0	--	36.4	--	83.7	--
	Lead	15	MCL	0.150	--		0.150	--	0.290	--	1.20	--
	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	--

Summary of Chemistry Results
Zone D2
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 Residences in Zone D2

				Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:		D2-2ND0122 Residence 122 2nd Street D2-TW-0008107-24092-N 2024-07-09 N (Normal)		D2-2ND0203B Residence 203B 2nd Street D2-TW-0007560-24092-N 2024-07-30 N (Normal)		D2-4TH0126 Residence 126 4th Street D2-TW-0008018-24092-N 2024-07-09 N (Normal)		D2-4TH0127 Residence 127 4th Street D2-TW-0008019-24092-N 2024-07-09 N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-5TH0101		D2-6TH0113		D2-6TH0121		D2-APOL0924	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	101 5th Street		113 6th Street		121 6th Street		924 Apollo Avenue	
				Field Sample ID:	D2-TW-0007057-24092-N	D2-TW-0007057-24092-N-H	D2-TW-0007600-24092-N	D2-TW-0007600-24092-N-H	D2-TW-0007603-24092-N	D2-TW-0007603-24092-N-H	D2-TW-0007213-24092-N	D2-TW-0007213-24092-N-H
				Sample Date:	2024-07-09	2024-07-09	2024-07-11	2024-07-11	2024-07-09	2024-07-09	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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		4.00	ND	ND	ND	4.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	440	780		540	330	170	160	550	60.0
Field Test (pH)	pH	--	--	7.11	7.27		7.19	7.26	7.18	7.41	7.30	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270		0.260	0.280	0.240	0.270	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	24.2	45.5		24.3	46.8	25.9	52.8	26.4	45.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	1.32		0.240	0.730	0.210	0.0310	0.240	0.0920
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52000	--		55900	--	52500	--	51500	--
	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	36.0	--		8.80	--	6.20	--	17.4	--
	Lead	15	MCL	ND	--		0.290	--	0.160	--	0.210	--
	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	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID: D2-5TH0101		D2-6TH0113		D2-6TH0121		D2-APOL0924	
				Location Type: Residence		Residence		Residence		Residence	
				Address: 101 5th Street		113 6th Street		121 6th Street		924 Apollo Avenue	
				Field Sample ID: D2-TW-0007057-24092-N D2-TW-0007057-24092-N-H		D2-TW-0007600-24092-N D2-TW-0007600-24092-N-H		D2-TW-0007603-24092-N D2-TW-0007603-24092-N-H		D2-TW-0007213-24092-N D2-TW-0007213-24092-N-H	
				Sample Date: 2024-07-09 2024-07-09		2024-07-11 2024-07-11		2024-07-09 2024-07-09		2024-07-10 2024-07-10	
				Sample Type: N (Normal) N (Normal)		N (Normal) N (Normal)		N (Normal) N (Normal)		N (Normal) N (Normal)	
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-CHAL2402B		D2-CHAL2402C		D2-CHAL2405C		D2-CHAL2415A	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2402B Challenger Loop		2402C Challenger Loop		2405C Challenger Loop		2415A Challenger Loop	
				Field Sample ID:	D2-TW-0007218-24092-N	D2-TW-0007218-24092-N-H	D2-TW-0008122-24092-N	D2-TW-0008122-24092-N-H	D2-TW-0008124-24092-N	D2-TW-0008124-24092-N-H	D2-TW-0007799-24092-N	D2-TW-0007799-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-30	2024-07-30	2024-07-30	2024-07-30
				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	--	--	ND	ND		ND	738	ND	ND	ND	97.0
Field Test (ppb)	Free Chlorine	4000	MCL	100	100		420	20.0	590	350	400	470
Field Test (pH)	pH	--	--	7.20	7.46		7.19	8.55	7.17	7.17	7.19	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.210	0.270		0.230	0.270	0.240	0.260	0.240	0.260
Field Test (degrees Celcuis)	Temperature	--	--	24.8	40.4		23.8	41.3	23.9	40.8	25.1	43.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.520	0.0360		0.260	0.410	0.200	0.00620	0.00	0.0110
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56000	--		55200	--	56300	--	53400	--
	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	35.4	--		40.0	--	ND	--	23.3	--
	Lead	15	MCL	0.190	--		ND	--	0.420	--	0.600	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	0.0210	--
	Naphthalene	--	--	ND	--		ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-CHAL2402B		D2-CHAL2402C		D2-CHAL2405C		D2-CHAL2415A	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2402B Challenger Loop		2402C Challenger Loop		2405C Challenger Loop		2415A Challenger Loop	
				Field Sample ID:	D2-TW-0007218-24092-N	D2-TW-0007218-24092-N-H	D2-TW-0008122-24092-N	D2-TW-0008122-24092-N-H	D2-TW-0008124-24092-N	D2-TW-0008124-24092-N-H	D2-TW-0007799-24092-N	D2-TW-0007799-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-30	2024-07-30	2024-07-30	2024-07-30
				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	--	1.40	--
	Bromoform	--	--	ND	--		ND	--	ND	--	2.20	--
	Chloroform	--	--	ND	--		ND	--	ND	--	1.20	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	2.80	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	--	7.60	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-CHAL2417B		D2-CHAL2424D		D2-FOXB1118		D2-FOXB1204	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2417B Challenger Loop		2424D Challenger Loop		1118 Fox Boulevard		1204 Fox Boulevard	
				Field Sample ID:	D2-TW-0008207-24092-N	D2-TW-0008207-24092-N-H	D2-TW-0008337-24092-N	D2-TW-0008337-24092-N-H	D2-TW-0008470-24092-N	D2-TW-0008470-24092-N-H	D2-TW-0008476-24092-N	D2-TW-0008476-24092-N-H
				Sample Date:	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	2.00	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	120	160	780	400	410	90.0	410	810	
Field Test (pH)	pH	--	--	7.58	7.68	7.06	7.31	7.23	7.70	7.11	7.22	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.240	0.270	0.250	0.260	
Field Test (degrees Celcuis)	Temperature	--	--	22.9	36.0	26.6	41.4	26.9	47.8	24.4	40.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0390	0.500	0.00480	0.00	0.230	0.440	0.00	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57800	--	58400	--	53400	--	51600	--	
	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	88.5	--	17.6	--	45.1	--	4.10	--	
	Lead	15	MCL	0.300	--	ND	--	ND	--	ND	--	
	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	--	0.0160	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	

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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-CHAL2417B		D2-CHAL2424D		D2-FOXB1118		D2-FOXB1204	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2417B Challenger Loop		2424D Challenger Loop		1118 Fox Boulevard		1204 Fox Boulevard	
				Field Sample ID:	D2-TW-0008207-24092-N	D2-TW-0008207-24092-N-H	D2-TW-0008337-24092-N	D2-TW-0008337-24092-N-H	D2-TW-0008470-24092-N	D2-TW-0008470-24092-N-H	D2-TW-0008476-24092-N	D2-TW-0008476-24092-N-H
				Sample Date:	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-09	2024-07-09	2024-07-09	2024-07-09
				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	--	--	2.70	--	ND	--	ND	--	ND	--	
	Bromoform	--	--	6.30	--	ND	--	0.320	--	ND	--	
	Chloroform	--	--	2.70	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	4.70	--	ND	--	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	16.4	--	ND	--	0.320	--	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 from Residences in Zone D2

				Location ID:	D2-FOXB1405		D2-FOXB1505		D2-FOXB1603		D2-FOXB1707	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1405 Fox Boulevard		1505 Fox Boulevard		1603 Fox Boulevard		1707 Fox Boulevard	
				Field Sample ID:	D2-TW-0007857-24092-N	D2-TW-0007857-24092-N-H	D2-TW-0007860-24092-N	D2-TW-0007860-24092-N-H	D2-TW-0007862-24092-N	D2-TW-0007862-24092-N-H	D2-TW-0007869-24092-N	D2-TW-0007869-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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	6.00	10.0
Field Test (ppb)	Free Chlorine	4000	MCL	620	80.0		390	170	450	410	440	370
Field Test (pH)	pH	--	--	7.05	6.90		7.21	7.22	7.09	6.99	7.18	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270		0.240	0.270	0.230	0.260	0.250	0.260
Field Test (degrees Celcuis)	Temperature	--	--	28.2	42.6		26.0	46.4	23.5	50.4	25.8	44.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.260	0.660		0.00	0.00	0.170	0.0240	0.00390	0.0810
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54600	--		53700	--	53400	--	53900	--
	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	7.40	--		10.9	--	6.60	--	20.8	--
	Lead	15	MCL	ND	--		ND	--	ND	--	ND	--
	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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				Location ID:	D2-FOXB1405		D2-FOXB1505		D2-FOXB1603		D2-FOXB1707	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1405 Fox Boulevard		1505 Fox Boulevard		1603 Fox Boulevard		1707 Fox Boulevard	
				Field Sample ID:	D2-TW-0007857-24092-N	D2-TW-0007857-24092-N-H	D2-TW-0007860-24092-N	D2-TW-0007860-24092-N-H	D2-TW-0007862-24092-N	D2-TW-0007862-24092-N-H	D2-TW-0007869-24092-N	D2-TW-0007869-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--		ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	--	ND	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-FOXB1804		D2-FOXB1819		D2-FOXB1913		D2-FOXB2017	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1804 Fox Boulevard		1819 Fox Boulevard		1913 Fox Boulevard		2017 Fox Boulevard	
				Field Sample ID:	D2-TW-0007881-24092-N	D2-TW-0007881-24092-N-H	D2-TW-0007223-24092-N	D2-TW-0007223-24092-N-H	D2-TW-0007437-24092-N	D2-TW-0007437-24092-N-H	D2-TW-0007044-24092-N	D2-TW-0007044-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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	8.00	77.0	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	250	270		360	130	550	20.0	790	30.0
Field Test (pH)	pH	--	--	7.32	7.74		7.31	7.38	7.19	7.56	7.38	7.40
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280		0.250	0.260	0.240	0.280	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	25.4	43.9		24.8	38.2	24.3	47.4	26.2	47.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00		0.0270	0.0420	0.00	0.00	0.00	0.00820
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53600	--		52400	--	53600	--	53100	--
	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	41.5	--		41.8	--	37.4	--	118	--
	Lead	15	MCL	ND	--		ND	--	ND	--	0.220	--
	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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N (Normal) = Full compliance sample
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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-FOXB1804		D2-FOXB1819		D2-FOXB1913		D2-FOXB2017	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1804 Fox Boulevard		1819 Fox Boulevard		1913 Fox Boulevard		2017 Fox Boulevard	
				Field Sample ID:	D2-TW-0007881-24092-N	D2-TW-0007881-24092-N-H	D2-TW-0007223-24092-N	D2-TW-0007223-24092-N-H	D2-TW-0007437-24092-N	D2-TW-0007437-24092-N-H	D2-TW-0007044-24092-N	D2-TW-0007044-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--		ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

		Location ID:	D2-HONU0115		D2-JULI0013		D2-KAWE0671			
		Location Type:	Residence		Residence		Residence			
		Address:	115 Honu Alley		13 Julian Avenue		671 Kawehiwehi Street			
		Field Sample ID:	D2-TW-0008139-24092-N	D2-TW-0008139-24092-N-H	D2-TW-0008051-24092-N	D2-TW-0008051-24092-N-H	D2-TW-0008419-24092-N	D2-TW-0008419-24092-3-N	D2-TW-0008419-24092-N-H	D2-TW-0008419-24092-3-N-H
		Sample Date:	2024-07-11	2024-07-11	2024-07-09	2024-07-09	2024-07-10	2024-07-10	2024-07-10	2024-07-10
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	Absent	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	2.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	430	100	570	180	560	--	120
Field Test (pH)	pH	--	--	7.43	7.74	7.51	7.35	7.18	--	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.220	0.270	0.240	--	0.270
Field Test (degrees Celcuis)	Temperature	--	--	26.6	48.2	24.1	45.3	24.4	--	49.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.330	0.130	0.220	0.230	0.0500	--	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56600	--	53600	--	53800	53100	--
	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	14.7	--	90.5	--	5.80	5.20	--
	Lead	15	MCL	0.260	--	0.180	--	0.130	ND	--
	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	--	0.0150	--	0.0150	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	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-HONU0115		D2-JULI0013		D2-KAWE0671			
				Location Type:	Residence		Residence		Residence			
				Address:	115 Honu Alley		13 Julian Avenue		671 Kawehiwehi Street			
				Field Sample ID:	D2-TW-0008139-24092-N	D2-TW-0008139-24092-N-H	D2-TW-0008051-24092-N	D2-TW-0008051-24092-N-H	D2-TW-0008419-24092-N	D2-TW-0008419-24092-3-N	D2-TW-0008419-24092-N-H	D2-TW-0008419-24092-3-N-H
				Sample Date:	2024-07-11	2024-07-11	2024-07-09	2024-07-09	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	ND	--	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	ND	--	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	ND	--	--
	o-Xylene	--	--	ND	--		ND	--	ND	ND	--	--
	Toluene	1000	MCL	ND	--		ND	--	ND	ND	--	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	ND	--	--
	Bromoform	--	--	ND	--		ND	--	ND	ND	--	--
	Chloroform	--	--	ND	--		ND	--	ND	ND	--	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	ND	--	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-KULE0604		D2-LEWA0378		D2-MERC0228		D2-MERC0233	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	604 Kulekia Alley		378 Lewahana Loop		228 Mercury Street		233 Mercury Street	
				Field Sample ID:	D2-TW-0007792-24092-N	D2-TW-0007792-24092-N-H	D2-TW-0007404-24092-N	D2-TW-0007404-24092-N-H	D2-TW-0007301-24092-N	D2-TW-0007301-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-29	2024-07-29	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				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	12.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	840	50.0		660	450	450	150	--	--
Field Test (pH)	pH	--	--	7.31	7.41		7.10	7.10	7.25	7.38	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.280		0.250	0.270	0.240	0.250	--	--
Field Test (degrees Celcuis)	Temperature	--	--	23.2	55.5		26.9	43.8	24.2	44.0	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.120		0.920	0.450	0.00	0.0560	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53800	--		56600	--	53800	--	53800	--
	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	2.90	--		23.1	--	9.50	--	5.30	--
	Lead	15	MCL	ND	--		0.140	--	0.150	--	ND	--
	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	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-KULE0604		D2-LEWA0378		D2-MERC0228		D2-MERC0233	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	604 Kulekia Alley		378 Lewahana Loop		228 Mercury Street		233 Mercury Street	
				Field Sample ID:	D2-TW-0007792-24092-N	D2-TW-0007792-24092-N-H	D2-TW-0007404-24092-N	D2-TW-0007404-24092-N-H	D2-TW-0007301-24092-N	D2-TW-0007301-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-29	2024-07-29	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				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									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--		ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	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 from Residences in Zone D2

				Location ID:	D2-MERC0233		D2-SIGN0103A				D2-SIGN0302A	
				Location Type:	Residence		Residence				Residence	
				Address:	233 Mercury Street		103A Signer Boulevard				302A Signer Boulevard	
				Field Sample ID:	D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007930-24092-N	D2-TW-0007930-24092-3-N	D2-TW-0007930-24092-N-H	D2-TW-0007930-24092-3-N-H	D2-TW-0006966-24092-N	D2-TW-0006966-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-30	2024-07-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--
	E. coli	--	--	Absent	--		Absent	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND		4.00	2.00	4.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	460	120		490	--	430	--	650	150
Field Test (pH)	pH	--	--	7.17	7.22		7.28	--	7.40	--	7.42	7.59
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270		0.240	--	0.260	--	0.240	0.270
Field Test (degrees Celcuis)	Temperature	--	--	24.9	43.6		24.5	--	41.7	--	25.7	37.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.0970		0.0930	--	0.330	--	0.150	0.00400
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52700	--		53500	54500	--	--	58100	--
	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	7.40	--		5.20	5.30	--	--	39.0	--
	Lead	15	MCL	ND	--		ND	ND	--	--	ND	--
	Mercury	2	MCL	ND	--		ND	ND	--	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	ND	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	ND	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	ND	--	--	0.0250	--
	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	--

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-MERC0233		D2-SIGN0103A				D2-SIGN0302A	
				Location Type:	Residence		Residence				Residence	
				Address:	233 Mercury Street		103A Signer Boulevard				302A Signer Boulevard	
				Field Sample ID:	D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007930-24092-N	D2-TW-0007930-24092-3-N	D2-TW-0007930-24092-N-H	D2-TW-0007930-24092-3-N-H	D2-TW-0006966-24092-N	D2-TW-0006966-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-30	2024-07-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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)	Benzene	5	MCL	ND	--	ND	ND	--	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	ND	--	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	ND	--	--	ND	--	
	o-Xylene	--	--	ND	--	ND	ND	--	--	ND	--	
	Toluene	1000	MCL	ND	--	ND	ND	--	--	ND	--	
	Xylenes, Total	10000	MCL	ND	--	ND	ND	--	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	--	--	ND	--	
	Bromoform	--	--	ND	--	ND	ND	--	--	ND	--	
	Chloroform	--	--	ND	--	ND	ND	--	--	ND	--	
	Dibromochloromethane	--	--	ND	--	ND	ND	--	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	--	ND	ND	--	--	ND	--	

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Drinking Water Samples Collected in July 2024 from Residences in Zone D2

				Location ID:	D2-SIGN0304B		D2-SIGN0304F		D2-TINK0111		D2-TINK1703	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	304B Signer Boulevard		304F Signer Boulevard		111 Tinker Drive		1703 Tinker Avenue	
				Field Sample ID:	D2-TW-0006975-24092-N	D2-TW-0006975-24092-N-H	D2-TW-0006979-24092-N	D2-TW-0006979-24092-N-H	D2-TW-0008247-24092-N	D2-TW-0008247-24092-N-H	D2-TW-0008266-24092-N	D2-TW-0008266-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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	4.00	ND	6.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	390	390		460	600	400	50.0	400	30.0
Field Test (pH)	pH	--	--	7.38	7.44		7.06	7.26	7.21	7.22	7.21	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270		0.240	0.270	0.240	0.260	0.240	0.250
Field Test (degrees Celcuis)	Temperature	--	--	23.5	41.2		23.0	41.0	23.7	43.4	26.0	49.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00		0.100	0.980	0.00	0.880	0.0170	0.110
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54200	--		53300	--	53600	--	52900	--
	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	34.7	--		17.8	--	39.3	--	22.5	--
	Lead	15	MCL	ND	--		ND	--	ND	--	ND	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	0.0320	--
	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	--

Summary of Chemistry Results
Zone D2
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 from Residences in Zone D2

				Location ID:	D2-SIGN0304B		D2-SIGN0304F		D2-TINK0111		D2-TINK1703	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	304B Signer Boulevard		304F Signer Boulevard		111 Tinker Drive		1703 Tinker Avenue	
				Field Sample ID:	D2-TW-0006975-24092-N	D2-TW-0006975-24092-N-H	D2-TW-0006979-24092-N	D2-TW-0006979-24092-N-H	D2-TW-0008247-24092-N	D2-TW-0008247-24092-N-H	D2-TW-0008266-24092-N	D2-TW-0008266-24092-N-H
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--		ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--		ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

Drinking Water Samples Collected in July 2024 from Schools in Zone D2

				Location ID:	D2-BLDG641H					
				Location Type:	School					
				Address:	HICKAM ELEM - P1, Building 641H					
				Field Sample ID:	D2-TW-0015498-24183-N-2	D2-TW-0015498-24183-N-2-H	D2-TW-0015498-24183-N-1	D2-TW-0015498-24183-N-3	D2-TW-0015498-24183-N-4	D2-TW-0015498-24183-N-5
				Sample Date:	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)
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	4.00	231	17.0	
Field Test (ppb)	Free Chlorine	4000	MCL	500	340	480	100	100	40.0	
Field Test (pH)	pH	--	--	7.34	7.34	7.31	7.43	7.34	7.33	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.250	0.250	0.250	
Field Test (degrees Celcuis)	Temperature	--	--	30.8	41.4	30.0	27.8	25.3	29.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.620	1.40	0.720	0.560	0.430	0.450	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52600	--	53700	54200	55400	53100	
	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	28.9	--	165	102	177	374	
	Lead	15	MCL	0.130	--	0.220	1.40	ND	ND	
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	

Summary of Chemistry Results
Zone D2
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 from Schools in Zone D2

				Location ID:	D2-BLDG641H					
				Location Type:	School					
				Address:	HICKAM ELEM - P1, Building 641H					
				Field Sample ID:	D2-TW-0015498-24183-N-2	D2-TW-0015498-24183-N-2-H	D2-TW-0015498-24183-N-1	D2-TW-0015498-24183-N-3	D2-TW-0015498-24183-N-4	D2-TW-0015498-24183-N-5
				Sample Date:	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	0.270	ND	ND	ND
	Bromoform	--	--	ND	--	ND	1.90	ND	1.30	1.30
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	0.820	ND	0.460	0.460
	Total Trihalomethanes	80	MCL	ND	--	ND	2.99	ND	1.76	1.76

Summary of Chemistry Results
Zone D2
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 D2

				Location ID:	D2-BLDG623H		
				Location Type:	Child Development Center		
				Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER		
				Field Sample ID:	D2-TW-0015492-24183-N-2	D2-TW-0015492-24183-N-2-H	D2-TW-0015492-24183-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	
	E. coli	--	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	550	440	470	
Field Test (pH)	pH	--	--	7.30	7.36	7.39	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	
Field Test (degrees Celcuis)	Temperature	--	--	25.1	49.8	25.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.420	0.260	0.0460	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53700	--	51400	
	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	5.70	--	18.1	
	Lead	15	MCL	ND	--	ND	
	Mercury	2	MCL	0.0370	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = 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 July 2024 from Child Development Centers in Zone D2

				Location ID:	D2-BLDG623H		
				Location Type:	Child Development Center		
				Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER		
				Field Sample ID:	D2-TW-0015492-24183-N-2	D2-TW-0015492-24183-N-2-H	D2-TW-0015492-24183-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02
				Sample Type:	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
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	--	--	ND	--		ND
	Bromoform	--	--	ND	--		ND
	Chloroform	--	--	ND	--		ND
	Dibromochloromethane	--	--	ND	--		ND
	Total Trihalomethanes	80	MCL	ND	--		ND

Summary of Chemistry Results
Zone D2
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 Hydrants in Zone D2

				Location ID:	D2-HYD0079	D2-HYD0498	D2-HYD1599	D2-HYD1610	D2-HYD236	D2-HYD321	D2-HYD365	D2-HYD420
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH:519	FH:509	FH:429	FH:074	FH:236 (Possibly HYD263, HYD-2154)	FH:321	FH:365	FH:420
				Field Sample ID:	D2-DL-0017714-24183 -N	D2-DL-0017715-24183 -N	D2-DL-0000574-24183 -N	D2-DL-0000583-24183 -N	D2-DL-0017711-24183 -N	D2-DL-0017709-24183 -N	D2-DL-0017717-24183 -N	D2-DL-0017707-24183 -N
				Sample Date:	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-09	2024-07-25
				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	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	470	410	190	530	470	350	90.0	580	
Field Test (pH)	pH	--	--	7.28	7.29	7.21	7.10	7.22	7.19	7.26	7.09	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240	0.240	0.250	0.250	0.250	0.250	
Field Test (degrees Celcuis)	Temperature	--	--	30.1	26.2	30.8	27.4	25.6	25.3	30.2	27.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.390	0.230	0.840	0.920	0.850	0.490	0.180	0.850	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	54200	53100	52700	52700	53900	54800	57700	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D2
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 from Hydrants in Zone D2

				Location ID:	D2-HYD0079	D2-HYD0498	D2-HYD1599	D2-HYD1610	D2-HYD236	D2-HYD321	D2-HYD365	D2-HYD420
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH:519	FH:509	FH:429	FH:074	FH:236 (Possibly HYD263, HYD-2154)	FH:321	FH:365	FH:420
				Field Sample ID:	D2-DL-0017714-24183 -N	D2-DL-0017715-24183 -N	D2-DL-0000574-24183 -N	D2-DL-0000583-24183 -N	D2-DL-0017711-24183 -N	D2-DL-0017709-24183 -N	D2-DL-0017717-24183 -N	D2-DL-0017707-24183 -N
				Sample Date:	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-09	2024-07-25
				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)	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.290	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	2.40	ND	ND	0.430	5.00	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.10	ND	ND	0.300	1.10	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	3.79	ND	ND	0.730	6.10	ND	ND

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Parts per Million (ppm)
Parts per Thousand (ppth)
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-- = No Information Available
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone D2

		Location ID:	D2-HYD56	D2-HYD79	D2-HYD84
		Location Type:	Hydrant	Hydrant	Hydrant
		Address:	FH:056	FH:079	FH:084
		Field Sample ID:	D2-DL-0017708-24183 -N	D2-DL-0017712-24183 -N	D2-DL-0017713-24183 -N
		Sample Date:	2024-07-25	2024-07-25	2024-07-09
		Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent
	E. coli	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	880	680
Field Test (pH)	pH	--	--	7.08	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240
Field Test (degrees Celcuis)	Temperature	--	--	24.7	25.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.810	0.500
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57400	57500
	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
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0130
	Naphthalene	--	--	ND	0.270
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

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

Drinking Water Samples Collected in July 2024 from Hydrants in Zone D2

				Location ID:	D2-HYD56	D2-HYD79	D2-HYD84
				Location Type:	Hydrant	Hydrant	Hydrant
				Address:	FH:056	FH:079	FH:084
				Field Sample ID:	D2-DL-0017708-24183 -N	D2-DL-0017712-24183 -N	D2-DL-0017713-24183 -N
				Sample Date:	2024-07-25	2024-07-25	2024-07-09
				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	--	--	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	ND	ND	

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Other Buildings in Zone D2

				Location ID:	D2-BLDG554H		D2-BLDG559H
				Location Type:	Medical Building		Medical Building
				Address:	Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd		Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle
				Field Sample ID:	D2-TW-0015474-24183-N	D2-TW-0015474-24183-N-H	D2-TW-0015476-24183-N
				Sample Date:	2024-07-05	2024-07-05	2024-07-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	
	E. coli	--	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	190	1300	280	
Field Test (pH)	pH	--	--	7.36	7.81	7.36	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.260	
Field Test (degrees Celcuis)	Temperature	--	--	19.8	39.7	22.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.0810	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	--	55500	
	Total Organic Carbon	--	--	ND	--	200	
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	125	--	79.0	
	Lead	15	MCL	1.20	--	0.130	
	Mercury	2	MCL	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

Drinking Water Samples Collected in July 2024 from Other Buildings in Zone D2

				Location ID:	D2-BLDG554H		D2-BLDG559H
				Location Type:	Medical Building		Medical Building
				Address:	Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd		Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle
				Field Sample ID:	D2-TW-0015474-24183-N	D2-TW-0015474-24183-N-H	D2-TW-0015476-24183-N
				Sample Date:	2024-07-05	2024-07-05	2024-07-05
				Sample Type:	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
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	--	--	ND	--		0.730
	Bromoform	--	--	1.40	--		0.970
	Chloroform	--	--	ND	--		0.670
	Dibromochloromethane	--	--	0.500	--		1.40
	Total Trihalomethanes	80	MCL	1.90	--		3.77