

Summary of Chemistry Results

Zone A2

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 April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-CATA1171	A2-CATA1175	A2-CATA1176		A2-CATA1191	A2-CATA4940	A2-DAUN4880	A2-DAUN4894	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	1171 Catalina Drive	1175 Catalina Drive	1176 Catalina Drive		1191 Catalina Drive	4940 Catalina Lane	4880 Dauntless Drive	4894 Dauntless Drive	
		Field Sample ID:	A2-TW-0001809-24092-N	A2-TW-0001811-24092-N	A2-TW-0001812-24092-N	A2-TW-0001812-24092-N-H	A2-TW-0001817-24092-N	A2-TW-0001823-24092-N	A2-TW-0001834-24092-N	A2-TW-0000384-24092-N	
		Sample Date:	2024-05-13	2024-05-13	2024-06-20	2024-06-20	2024-05-13	2024-05-15	2024-05-13	2024-05-13	
		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
	E. coli	--	--	Absent	Absent	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	700	580	410	710	870	650	610
Field Test (pH)	pH	--	--	7.26	7.31	7.28	7.29	7.35	7.18	7.31	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240	0.260	0.250	0.240	0.230	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.3	24.6	25.0	39.4	24.4	23.8	27.2	25.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.630	0.520	0.750	0.370	0.710	0.260	0.0660	0.480
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51300	52500	60900	--	51300	53100	50000	51300
	Total Organic Carbon	--	--	ND	ND	ND	--	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	25.4	17.5	18.5	--	13.2	14.3	26.1	27.7
	Lead	15	MCL	0.220	0.170	0.180	--	ND	0.130	0.160	0.160
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND

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		Location ID:	A2-CATA1171	A2-CATA1175	A2-CATA1176		A2-CATA1191	A2-CATA4940	A2-DAUN4880	A2-DAUN4894
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	1171 Catalina Drive	1175 Catalina Drive	1176 Catalina Drive		1191 Catalina Drive	4940 Catalina Lane	4880 Dauntless Drive	4894 Dauntless Drive
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		Sample Date:	2024-05-13	2024-05-13	2024-06-20	2024-06-20	2024-05-13	2024-05-15	2024-05-13	2024-05-13
		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	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	--	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	--	ND	ND	ND

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-DAUN4909	A2-DAUN4921	A2-DAUN4923	A2-DAUN4924	A2-KAME4758	A2-KAME4773		A2-KAME4792
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:	4909 Dauntless Drive	4921 Dauntless Drive	4923 Dauntless Drive	4924 Dauntless Drive	4758 Kamehameha Loop	4773 Kamehameha Loop		4792 Kamehameha Loop
		Field Sample ID:	A2-TW-0001839-24092-N	A2-TW-0001841-24092-N	A2-TW-0000382-24092-N	A2-TW-0001843-24092-N	A2-TW-0001860-24092-N	A2-TW-0001864-24092-N	A2-TW-0001864-24092-N-H	A2-TW-0001867-24092-N
		Sample Date:	2024-05-13	2024-05-13	2024-05-13	2024-05-14	2024-04-26	2024-06-21	2024-06-21	2024-04-26
		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	45.0	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	710	650	520	600	180	200	100
Field Test (pH)	pH	--	--	7.25	7.21	7.27	7.26	7.30	7.32	7.62
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.240	0.230	0.220	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	23.8	23.6	26.9	23.1	25.7	29.7	57.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.00	0.170	6.23	0.450	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	48800	51300	52500	54100	50000	59200	--
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	--
Metals (ppb)	Copper	1300	MCL	70.1	26.6	101	8.50	51.6	35.9	--
	Lead	15	MCL	0.220	ND	0.250	0.150	0.450	ND	--
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
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		Sample Date:	2024-05-13	2024-05-13	2024-05-13	2024-05-14	2024-04-26	2024-06-21	2024-06-21	2024-04-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.340	ND	ND	ND	--	ND
	Bromoform	--	--	0.400	0.700	0.430	ND	ND	--	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	0.480	0.800	0.460	ND	ND	--	ND
	Total Trihalomethanes	80	MCL	0.880	1.84	0.890	ND	ND	--	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-KAME4799	A2-KAME4826	A2-KAME4870	A2-KAME5006	A2-KAME5060		A2-KAME5062	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	4799 Kamehameha Loop	4826 Kamehameha Loop	4870 Kamehameha Loop	5006 Kamehameha Loop	5060 Kamehameha Loop		5062 Kamehameha Loop	
				Field Sample ID:	A2-TW-0001874-24092-N	A2-TW-0001876-24092-N	A2-TW-0001886-24092-N	A2-TW-0001914-24092-N	A2-TW-0001926-24092-N	A2-TW-0001926-24092-N-H	A2-TW-0001927-24092-N	A2-TW-0001927-24092-N-H
				Sample Date:	2024-05-13	2024-05-13	2024-05-13	2024-05-13	2024-06-21	2024-06-21	2024-06-20	2024-06-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--	
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	8.00	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	890	900	970	750	550	310	280	80.0	
Field Test (pH)	pH	--	--	7.27	7.29	7.33	7.40	7.40	7.37	7.20	7.33	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240	0.230	0.240	0.260	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	25.6	24.6	25.4	23.2	25.7	47.3	25.4	48.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	2.85	0.120	0.820	0.160	0.410	0.560	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	51300	52500	50000	63500	--	64600	--	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	32.1	20.8	14.1	21.8	34.0	--	107	--	
	Lead	15	MCL	0.180	0.150	0.190	0.630	ND	--	8.20	--	
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	0.0200	--	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-KAME4799	A2-KAME4826	A2-KAME4870	A2-KAME5006	A2-KAME5060		A2-KAME5062	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	4799 Kamehameha Loop	4826 Kamehameha Loop	4870 Kamehameha Loop	5006 Kamehameha Loop	5060 Kamehameha Loop		5062 Kamehameha Loop	
				Field Sample ID:	A2-TW-0001874-24092-N	A2-TW-0001876-24092-N	A2-TW-0001886-24092-N	A2-TW-0001914-24092-N	A2-TW-0001926-24092-N	A2-TW-0001926-24092-N-H	A2-TW-0001927-24092-N	A2-TW-0001927-24092-N-H
				Sample Date:	2024-05-13	2024-05-13	2024-05-13	2024-05-13	2024-06-21	2024-06-21	2024-06-20	2024-06-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	--	ND	--
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	Bromoform	--	--	0.820	ND	0.350	ND	ND	ND	--	ND	--
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	Dibromochloromethane	--	--	0.290	ND	0.310	ND	ND	ND	--	ND	--
	Total Trihalomethanes	80	MCL	1.11	ND	0.660	ND	ND	ND	--	ND	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-KAME5184		A2-KAME5282		A2-LEXI4616	A2-LEXI4666		A2-LEXI4670
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				Residence		Residence		Residence	Residence		Residence
				5184 Kamehameha Loop		5282 Kamehameha Loop		4616 Lexington Boulevard	4666 Lexington Boulevard		4670 Lexington Boulevard
				A2-TW-0001952-24092-N	A2-TW-0001952-24092-N-H	A2-TW-0001974-24092-N	A2-TW-0001974-24092-N-H	A2-TW-0001980-24092-N	A2-TW-0001982-24092-N	A2-TW-0001982-24092-N-H	A2-TW-0001983-24092-N
				2024-06-20	2024-06-20	2024-06-20	2024-06-20	2024-05-13	2024-06-20	2024-06-20	2024-05-13
				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	--	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	440	120	390	100	730	280	400	650
Field Test (pH)	pH	--	--	7.32	7.55	7.25	7.32	7.30	7.24	7.19	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.240	0.260	0.250	0.250	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	27.0	55.0	31.0	44.6	25.8	25.8	35.8	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.280	1.52	0.930	0.850	0.910	0.500	0.500
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	63500	--	62600	--	53800	60700	--	53800
	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	21.5	--	87.1	--	16.6	34.9	--	20.4
	Lead	15	MCL	0.150	--	0.160	--	0.290	0.670	--	0.340
	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 A2

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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Parts per Thousand (ppth)
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N (Normal) = Full compliance sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID: A2-KAME5184		A2-KAME5282		A2-LEXI4616	A2-LEXI4666		A2-LEXI4670		
		Residence		Residence		Residence	Residence		Residence		
		5184 Kamehameha Loop		5282 Kamehameha Loop		4616 Lexington Boulevard	4666 Lexington Boulevard		4670 Lexington Boulevard		
		A2-TW-0001952-24092-N	A2-TW-0001952-24092-N-H	A2-TW-0001974-24092-N	A2-TW-0001974-24092-N-H	A2-TW-0001980-24092-N	A2-TW-0001982-24092-N	A2-TW-0001982-24092-N-H	A2-TW-0001983-24092-N		
		2024-06-20	2024-06-20	2024-06-20	2024-06-20	2024-05-13	2024-06-20	2024-06-20	2024-05-13		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	--	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	0.270	--	ND
	Bromoform	--	--	ND	--	ND	--	ND	1.10	--	ND
	Chloroform	--	--	ND	--	ND	--	ND	ND	--	ND
	Dibromochloromethane	--	--	ND	--	ND	--	ND	0.860	--	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	2.23	--	ND

Summary of Chemistry Results

Zone A2

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

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

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-NEVA4674		A2-OKLA4682		A2-OKLA4712		A2-SARA1025
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A2-LEXI4682 Residence 4682 Lexington Boulevard	4674 Nevada Street		4682 Oklahoma Avenue		4712 Oklahoma Avenue		1025 Saratoga Boulevard
				A2-TW-0001986-24092-N	A2-TW-0002001-24092-N	A2-TW-0002001-24092-N-H	A2-TW-0000398-24092-N	A2-TW-0000398-24092-N-H	A2-TW-0002032-24092-N	A2-TW-0002032-24092-N-H	A2-TW-0002046-24092-N
				2024-05-13	2024-06-20	2024-06-20	2024-06-21	2024-06-21	2024-06-21	2024-06-21	2024-04-26
				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	--
Field Test (ppb)	Free Chlorine	4000	MCL	890	540	460	460	270	530	300	30.0
Field Test (pH)	pH	--	--	7.35	7.34	7.31	7.36	7.31	7.31	7.28	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.250	0.270	0.250	0.260	0.250	0.260	0.220
Field Test (degrees Celcius)	Temperature	--	--	24.7	26.8	46.0	24.5	40.7	23.8	41.8	25.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.350	0.830	0.710	0.0390	0.0750	1.17	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	61600	--	57500	--	63000	--	50000
	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	16.7	19.4	--	49.0	--	26.2	--	63.4
	Lead	15	MCL	0.200	0.260	--	0.320	--	0.290	--	0.390
	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 A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:		A2-LEXI4682		A2-NEVA4674		A2-OKLA4682		A2-OKLA4712		A2-SARA1025							
		Location Type:		Residence		Residence		Residence		Residence		Residence							
		Address:		4682 Lexington Boulevard		4674 Nevada Street		4682 Oklahoma Avenue		4712 Oklahoma Avenue		1025 Saratoga Boulevard							
		Field Sample ID:		A2-TW-0001986-24092-N		A2-TW-0002001-24092-N		A2-TW-0002001-24092-N-H		A2-TW-0000398-24092-N		A2-TW-0000398-24092-N-H		A2-TW-0002032-24092-N		A2-TW-0002032-24092-N-H		A2-TW-0002046-24092-N	
		Sample Date:		2024-05-13		2024-06-20		2024-06-20		2024-06-21		2024-06-21		2024-06-21		2024-06-21		2024-04-26	
		Sample Type:		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level																
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND						
	Benzene	5	MCL	ND	ND	--	ND	--	ND	--	ND	--	ND						
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	--	ND	--	ND						
	m,p-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND						
	o-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND						
	Toluene	1000	MCL	ND	ND	--	ND	--	ND	--	ND	--	ND						
	Xylenes, Total	10000	MCL	ND	ND	--	ND	--	ND	--	ND	--	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--	ND	--	ND	--	0.400						
	Bromoform	--	--	ND	ND	--	ND	--	ND	--	ND	--	1.10						
	Chloroform	--	--	ND	ND	--	ND	--	ND	--	ND	--	0.390						
	Dibromochloromethane	--	--	0.280	ND	--	0.350	--	ND	--	ND	--	0.960						
	Total Trihalomethanes	80	MCL	0.280	ND	--	0.350	--	ND	--	ND	--	2.85						

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-TENN1030		A2-TENN1038		A2-TOMA4906		A2-TOMA4916
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A2-TENN1028 Residence 1028 Tennessee Street	A2-TENN1030 Residence 1030 Tennessee Street		A2-TENN1038 Residence 1038 Tennessee Street		A2-TOMA4906 Residence 4906 Tomahawk Street		A2-TOMA4916 Residence 4916 Tomahawk Street
				A2-TW-0002054-24092-N	A2-TW-0002055-24092-N	A2-TW-0002055-24092-N-H	A2-TW-0000406-24092-N	A2-TW-0000406-24092-N-H	A2-TW-0002062-24092-N	A2-TW-0002062-24092-N-H	A2-TW-0002068-24092-N
				2024-05-13	2024-06-21	2024-06-21	2024-06-20	2024-06-20	2024-06-21	2024-06-21	2024-06-21
				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	--	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	700	540	200	540	730	490	200	610
Field Test (pH)	pH	--	--	7.33	7.35	7.29	7.34	7.39	7.36	7.29	6.67
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.280	0.240	0.260	0.260	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.9	26.4	42.7	29.3	38.4	23.7	39.3	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.650	0.300	0.0590	0.850	0.840	0.0880	0.0640	0.500
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	57400	--	61900	--	58400	--	62900
	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	20.0	55.9	--	31.7	--	109	--	29.3
	Lead	15	MCL	0.170	0.480	--	ND	--	0.380	--	0.220
	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 A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-TENN1030		A2-TENN1038		A2-TOMA4906		A2-TOMA4916
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A2-TENN1028 Residence 1028 Tennessee Street	1030 Tennessee Street		1038 Tennessee Street		4906 Tomahawk Street		4916 Tomahawk Street
				A2-TW-0002054-24092-N	A2-TW-0002055-24092-N	A2-TW-0002055-24092-N-H	A2-TW-0000406-24092-N	A2-TW-0000406-24092-N-H	A2-TW-0002062-24092-N	A2-TW-0002062-24092-N-H	A2-TW-0002068-24092-N
				2024-05-13	2024-06-21	2024-06-21	2024-06-20	2024-06-20	2024-06-21	2024-06-21	2024-06-21
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				ND	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	ND	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	ND	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	--	0.270	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--	0.270	--	ND

Summary of Chemistry Results
Zone A2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-TOMA4916		A2-TOMA4917		A2-VEST5710	A2-WASP4930		A2-WASP4944	A2-WASP4950	
		Location Type:	Residence		Residence		Residence	Residence		Residence	Residence	
		Address:	4916 Tomahawk Street		4917 Tomahawk Street		5710 Vestal Lane	4930 Wasp Boulevard		4944 Wasp Boulevard	4950 Wasp BLVD (Previously a CDH before May 2022)	
		Field Sample ID:	A2-TW-0002068-24092-N-H	A2-TW-0002069-24092-N	A2-TW-0002069-24092-N-H	A2-TW-0002111-24092-N	A2-TW-0002120-24092-N	A2-TW-0002120-24092-N-H	A2-TW-0002122-24092-N	A2-TW-0002124-24092-N		
		Sample Date:	2024-06-21	2024-06-21	2024-06-21	2024-05-13	2024-06-21	2024-06-21	2024-05-13	2024-04-26		
		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	A2-TOMA4916		A2-TOMA4917		A2-VEST5710	A2-WASP4930		A2-WASP4944	A2-WASP4950
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	--	
Field Test (ppb)	Free Chlorine	4000	MCL	220	610	460	540	550	370	610	380	
Field Test (pH)	pH	--	--	7.35	5.32	7.36	7.51	7.15	7.30	7.38	7.29	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.210	0.260	0.250	0.230	0.280	0.250	0.220	
Field Test (degrees Celcius)	Temperature	--	--	42.6	27.2	40.1	29.2	25.6	33.5	27.1	24.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.730	0.190	0.380	0.0480	0.0780	0.630	0.640	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56500	--	51300	59200	--	53800	52500	
	Total Organic Carbon	--	--	--	ND	--	ND	ND	--	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	ND	--	ND	ND	
Metals (ppb)	Copper	1300	MCL	--	23.9	--	27.4	30.3	--	36.9	11.7	
	Lead	15	MCL	--	0.280	--	0.340	0.220	--	0.380	0.320	
	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	--	0.0210	ND	--	ND	ND	
	Naphthalene	--	--	--	ND	--	ND	ND	--	ND	ND	

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-TOMA4916		A2-TOMA4917		A2-VEST5710	A2-WASP4930		A2-WASP4944	A2-WASP4950
		Location Type:	Residence		Residence		Residence	Residence		Residence	Residence
		Address:	4916 Tomahawk Street		4917 Tomahawk Street		5710 Vestal Lane	4930 Wasp Boulevard		4944 Wasp Boulevard	4950 Wasp BLVD (Previously a CDH before May 2022)
		Field Sample ID:	A2-TW-0002068-24092-N-H	A2-TW-0002069-24092-N	A2-TW-0002069-24092-N-H	A2-TW-0002111-24092-N	A2-TW-0002120-24092-N	A2-TW-0002120-24092-N-H	A2-TW-0002122-24092-N	A2-TW-0002124-24092-N	
		Sample Date:	2024-06-21	2024-06-21	2024-06-21	2024-05-13	2024-06-21	2024-06-21	2024-05-13	2024-04-26	
		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)	1,2,4-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	--	0.310	ND	--	ND	ND
	Bromoform	--	--	--	ND	--	0.590	ND	--	ND	ND
	Chloroform	--	--	--	ND	--	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	--	0.630	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	--	1.53	ND	--	ND	ND

Summary of Chemistry Results
Zone A2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-WASP4956	A2-WASP4964	A2-WASP4984	A2-WEST1003		A2-WEST1013	A2-WEST1020	
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
				Address:	4956 Wasp Boulevard	4964 Wasp Boulevard	4984 Wasp Boulevard	1003 West Virginia Lane		1013 West Virginia Lane	1020 West Virginia Street	
				Field Sample ID:	A2-TW-0002126-24092-N	A2-TW-0000381-24092-N	A2-TW-0002131-24092-N	A2-TW-0000388-24092-N	A2-TW-0000388-24092-N-H	A2-TW-0002134-24092-N	A2-TW-0002135-24092-N	A2-TW-0002135-24092-N-H
				Sample Date:	2024-05-14	2024-05-13	2024-05-13	2024-06-20	2024-06-20	2024-04-26	2024-06-20	2024-06-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	--	--	Absent	--	
	E. coli	--	--	Absent	Absent	Absent	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	2.00	--	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	520	640	720	530	470	520	600	250	
Field Test (pH)	pH	--	--	7.32	7.24	7.36	7.09	7.21	7.19	7.46	7.37	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.260	0.250	0.240	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	26.8	26.2	24.2	24.1	28.8	23.0	25.4	38.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.520	0.00	0.170	0.00	0.0120	0.00	0.640	0.360	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51700	51300	50000	62500	--	50000	59300	--	
	Total Organic Carbon	--	--	ND	ND	ND	ND	--	ND	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	ND	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	ND	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	ND	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--	ND	ND	--	
Metals (ppb)	Copper	1300	MCL	22.5	23.1	14.2	35.5	--	14.9	50.2	--	
	Lead	15	MCL	0.340	0.230	0.190	0.220	--	0.350	0.180	--	
	Mercury	2	MCL	ND	ND	ND	ND	--	ND	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	ND	--	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--	ND	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	ND	--	

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A2-WASP4956	A2-WASP4964	A2-WASP4984	A2-WEST1003		A2-WEST1013	A2-WEST1020	
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
				Address:	4956 Wasp Boulevard	4964 Wasp Boulevard	4984 Wasp Boulevard	1003 West Virginia Lane		1013 West Virginia Lane	1020 West Virginia Street	
				Field Sample ID:	A2-TW-0002126-24092-N	A2-TW-0000381-24092-N	A2-TW-0002131-24092-N	A2-TW-0000388-24092-N	A2-TW-0000388-24092-N-H	A2-TW-0002134-24092-N	A2-TW-0002135-24092-N	A2-TW-0002135-24092-N-H
				Sample Date:	2024-05-14	2024-05-13	2024-05-13	2024-06-20	2024-06-20	2024-04-26	2024-06-20	2024-06-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	ND	--
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	ND	--
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Bromoform	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	--	ND	ND	--
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	--	ND	ND	--

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-WEST1036	A2-YORK4818	
		Location Type:	Residence	Residence	
		Address:	1036 West Virginia Street	4818 Yorktown Boulevard	
		Field Sample ID:	A2-TW-0000395-24092-N	A2-TW-0002165-24092-N	
		Sample Date:	2024-04-26	2024-04-26	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Field Test (ppb)	Free Chlorine	4000	MCL	550	340
Field Test (pH)	pH	--	--	7.28	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.6	22.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.260	0.0160
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	47500	50000
	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	23.2	5.30
	Lead	15	MCL	0.250	ND
	Mercury	2	MCL	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Naphthalene	--	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND
	Benzene	5	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND

Summary of Chemistry Results

Zone A2

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 (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A2

		Location ID:	A2-WEST1036	A2-YORK4818	
		Location Type:	Residence	Residence	
		Address:	1036 West Virginia Street	4818 Yorktown Boulevard	
		Field Sample ID:	A2-TW-0000395-24092-N	A2-TW-0002165-24092-N	
		Sample Date:	2024-04-26	2024-04-26	
		Sample Type:	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
	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 A2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone A2

				Location ID: A2-BLDG0570 Location Type: Child Development Center Address: Building 570,CHILD DEVELOPMENT CENTER								
				Field Sample ID:	A2-TW-0014310-24092-N-1	A2-TW-0014310-24092-N-2	A2-TW-0014310-24122-N-1	A2-TW-0014310-24122-3-N-1	A2-TW-0014310-24122-N-2	A2-TW-0014310-24153-N-1	A2-TW-0014310-24153-N-1-H	A2-TW-0014310-24153-N-2
				Sample Date:	2024-04-05	2024-04-05	2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04	2024-06-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	--	Absent	--	Absent
	E. coli	--	--	--	--	--	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	390	680	290	--	740	590	640	520	
Field Test (pH)	pH	--	--	7.37	7.38	7.32	--	7.37	7.34	7.28	7.23	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.200	--	0.240	0.240	0.260	0.240	
Field Test (degrees Celcius)	Temperature	--	--	22.3	27.7	24.5	--	23.8	24.4	40.7	26.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.110	0.110	1.28	--	0.290	0.360	0.250	0.590	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	50000	55000	51300	50000	53000	--	59100	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	--	ND	
Metals (ppb)	Beryllium	4	MCL	--	--	--	--	--	ND	--	ND	
	Copper	1300	MCL	18.7	32.4	12.0	11.4	23.7	16.6	--	37.4	
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND	

Summary of Chemistry Results

Zone A2

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 April 2024 - June 2024 from Child Development Centers in Zone A2

				Location ID: A2-BLDG0570 Location Type: Child Development Center Address: Building 570,CHILD DEVELOPMENT CENTER								
				Field Sample ID:	A2-TW-0014310-24092-N-1	A2-TW-0014310-24092-N-2	A2-TW-0014310-24122-N-1	A2-TW-0014310-24122-3-N-1	A2-TW-0014310-24122-N-2	A2-TW-0014310-24153-N-1	A2-TW-0014310-24153-N-1-H	A2-TW-0014310-24153-N-2
				Sample Date:	2024-04-05	2024-04-05	2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04	2024-06-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	--	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	--	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	--	--	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	--	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	--	--	ND

Summary of Chemistry Results

Zone A2

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Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone A2

		Location ID:	A2-BLDG0570	
		Location Type:	Child Development Center	
		Address:	Building 570,CHILD DEVELOPMENT CENTER	
		Field Sample ID:	A2-TW-0014310-24153-N-2-H	
		Sample Date:	2024-06-17	
		Sample Type:	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	300
Field Test (pH)	pH	--	--	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.260
Field Test (degrees Celcuis)	Temperature	--	--	41.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.410

Summary of Chemistry Results

Zone A2

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		A2-HYD214				A2-HYD39			A2-HYD5-25		
		Hydrant				Hydrant			Hydrant		
		FH 214				FH 39			FH 5-25		
		A2-DL-0017662-24092	A2-DL-0017662-24122	A2-DL-0017662-24153	A2-DL-0017662-24153	A2-DL-0017663-24092	A2-DL-0017663-24122	A2-DL-0017663-24153	A2-DL-0017659-24092		
		-N	-N	-N	-3-N	-N	-N	-N	-N		
		2024-04-16	2024-05-14	2024-06-20	2024-06-20	2024-04-16	2024-05-14	2024-06-20	2024-04-16		
		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	Absent	--	Absent	Absent	--
	E. coli	--	--	--	Absent	Absent	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	2.00	ND	ND	--	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	350	560	240	--	530	710	470	440
Field Test (pH)	pH	--	--	--	7.44	7.38	--	7.35	7.33	7.22	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.250	0.250	--	0.220	0.250	0.250	0.220
Field Test (degrees Celcius)	Temperature	--	--	--	26.5	27.9	--	26.3	25.2	24.8	27.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.390	0.680	--	0.000670	0.270	0.480	0.220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	54000	61500	60500	55000	52100	56400	55000
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	ND	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A2

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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FD (Field Duplicate) = Extra sample taken for quality control
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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		A2-HYD214				A2-HYD39			A2-HYD5-25
		Hydrant				Hydrant			Hydrant
		FH 214				FH 39			FH 5-25
		A2-DL-0017662-24092	A2-DL-0017662-24122	A2-DL-0017662-24153	A2-DL-0017662-24153	A2-DL-0017663-24092	A2-DL-0017663-24122	A2-DL-0017663-24153	A2-DL-0017659-24092
		-N	-N	-N	-3-N	-N	-N	-N	-N
		2024-04-16	2024-05-14	2024-06-20	2024-06-20	2024-04-16	2024-05-14	2024-06-20	2024-04-16
		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.870	0.520	0.450	0.430	ND	ND
	Bromoform	--	--	3.00	1.60	1.20	1.10	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	2.40	1.40	1.10	1.00	ND	ND
	Total Trihalomethanes	80	MCL	6.27	3.52	2.75	2.53	ND	ND

Summary of Chemistry Results

Zone A2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		Location ID: A2-HYD5-25		A2-HYD543			A2-HYD6-2				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: FH 5-25		FH ID: 3-1			FH 6-2				
		Field Sample ID: A2-DL-0017659-24122	A2-DL-0017659-24153	A2-DL-0000507-24092	A2-DL-0000507-24122	A2-DL-0000507-24153	A2-DL-0017660-24092	A2-DL-0017660-24122	A2-DL-0017660-24153		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-05-14	2024-06-20	2024-04-16	2024-05-14	2024-06-20	2024-04-16	2024-05-14	2024-06-20		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	2.00	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	630	350	440	510	520	520	630	560
Field Test (pH)	pH	--	--	7.30	7.33	7.50	7.39	7.23	7.38	7.35	7.26
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.220	0.250	0.240	0.220	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.3	29.2	26.6	27.1	24.5	24.5	24.1	25.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.520	1.45	0.0530	0.510	0.140	0.00	0.450	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52700	58500	50000	52600	57200	50000	52200	57200
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0130	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A2

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 April 2024 - June 2024 from Hydrants in Zone A2

		Location ID: A2-HYD5-25		A2-HYD543			A2-HYD6-2		
		Location Type: Hydrant		Hydrant			Hydrant		
		Address: FH 5-25		FH ID: 3-1			FH 6-2		
		Field Sample ID: A2-DL-0017659-24122	A2-DL-0017659-24153	A2-DL-0000507-24092	A2-DL-0000507-24122	A2-DL-0000507-24153	A2-DL-0017660-24092	A2-DL-0017660-24122	A2-DL-0017660-24153
		-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-05-14	2024-06-20	2024-04-16	2024-05-14	2024-06-20	2024-04-16	2024-05-14	2024-06-20
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.370	0.410	ND	ND
	Bromoform	--	--	ND	0.310	1.30	1.30	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.10	1.10	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.310	2.77	2.81	ND	ND

Summary of Chemistry Results

Zone A2

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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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 April 2024 - June 2024 from Hydrants in Zone A2

		Location ID: A2-HYD7-13			Location ID: A2-HYD7-4			Location ID: A2-HYD812			
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant			
		Address: FH 7-13			Address: FH 7-4			Address: FH 812			
		Field Sample ID: A2-DL-0017655-24092	Field Sample ID: A2-DL-0017655-24122	Field Sample ID: A2-DL-0017655-24153	Field Sample ID: A2-DL-0017658-24092	Field Sample ID: A2-DL-0017658-24092	Field Sample ID: A2-DL-0017658-24122	Field Sample ID: A2-DL-0017658-24153	Field Sample ID: A2-DL-0017661-24092		
		-N	-N	-N	-N	-3-N	-N	-N	-N		
		Sample Date: 2024-04-16	Sample Date: 2024-05-14	Sample Date: 2024-06-17	Sample Date: 2024-04-26	Sample Date: 2024-04-26	Sample Date: 2024-05-14	Sample Date: 2024-06-20	Sample Date: 2024-04-26		
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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	--
Field Test (ppb)	Free Chlorine	4000	MCL	490	620	450	500	--	610	540	350
Field Test (pH)	pH	--	--	7.38	7.40	7.09	7.32	--	7.31	7.26	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.250	0.240	0.240	--	0.250	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.3	25.8	26.9	22.7	--	23.3	27.6	27.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0160	0.270	1.37	0.00	--	0.190	0.470	0.0460
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	52200	64000	52500	47500	51100	62100	55000
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0180	ND	ND	ND	0.0220	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		Location ID: A2-HYD7-13			Location ID: A2-HYD7-4			Location ID: A2-HYD812	
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant	
		Address: FH 7-13			Address: FH 7-4			Address: FH 812	
		Field Sample ID: A2-DL-0017655-24092	Field Sample ID: A2-DL-0017655-24122	Field Sample ID: A2-DL-0017655-24153	Field Sample ID: A2-DL-0017658-24092	Field Sample ID: A2-DL-0017658-24092	Field Sample ID: A2-DL-0017658-24122	Field Sample ID: A2-DL-0017658-24153	Field Sample ID: A2-DL-0017661-24092
		-N	-N	-N	-N	-3-N	-N	-N	-N
		Sample Date: 2024-04-16	Sample Date: 2024-05-14	Sample Date: 2024-06-17	Sample Date: 2024-04-26	Sample Date: 2024-04-26	Sample Date: 2024-05-14	Sample Date: 2024-06-20	Sample Date: 2024-04-26
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	0.960
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	0.600
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	1.56

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		Location ID:		A2-HYD812		A2-HYD84			A2-HYDZ-16		
		Location Type:		Hydrant		Hydrant			Hydrant		
		Address:		FH 812		FH 84			FH Z-16		
		Field Sample ID:		A2-DL-0017661-24122	A2-DL-0017661-24153	A2-DL-0017657-24092	A2-DL-0017657-24122	A2-DL-0017657-24153	A2-DL-0017656-24092	A2-DL-0017656-24122	A2-DL-0017656-24122
				-N	-N	-N	-N	-N	-N	-N	-3-N
		Sample Date:		2024-05-14	2024-06-20	2024-04-26	2024-05-14	2024-06-20	2024-04-26	2024-05-14	2024-05-14
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	2.00	ND	--	48.0	65.0
Field Test (ppb)	Free Chlorine	4000	MCL	640	430	510	650	600	200	270	--
Field Test (pH)	pH	--	--	7.38	7.22	7.30	7.30	7.38	7.30	7.27	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.230	0.230	0.210	0.240	0.240	--
Field Test (degrees Celcius)	Temperature	--	--	27.5	30.1	23.4	25.3	28.0	26.4	26.6	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.290	0.820	0.00	17.1	0.130	0.00	0.220	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	57600	48800	51900	61400	55000	53300	54300
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.0210	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-HYD812		A2-HYD84			A2-HYDZ-16										
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date						
				A2-DL-0017661-24122 -N	2024-05-14	A2-DL-0017661-24153 -N	2024-06-20	A2-DL-0017657-24092 -N	2024-04-26	A2-DL-0017657-24122 -N	2024-05-14	A2-DL-0017657-24153 -N	2024-06-20	A2-DL-0017656-24092 -N	2024-04-26	A2-DL-0017656-24122 -N	2024-05-14	A2-DL-0017656-24122 -3-N	2024-05-14
					N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.270	0.310	0.320	0.270	0.310	0.320
	Bromoform	--	--	0.830	0.490	ND	ND	ND	ND	ND	ND	ND	ND	1.70	2.30	2.30	1.70	2.30	2.30
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.610	0.380	ND	ND	ND	ND	ND	ND	ND	ND	0.840	1.10	1.10	0.840	1.10	1.10
	Total Trihalomethanes	80	MCL	1.44	0.870	ND	ND	ND	ND	ND	ND	ND	ND	2.81	3.71	3.72	2.81	3.71	3.72

Summary of Chemistry Results

Zone A2

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

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

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A2

		Location ID:	A2-HYDZ-16	
		Location Type:	Hydrant	
		Address:	FH Z-16	
		Field Sample ID:	A2-DL-0017656-24153 -N	
		Sample Date:	2024-06-20	
		Sample Type:	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Bacterial Test (in 100 mL)	Coliform	--	--	Absent
	E. coli	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	400
Field Test (pH)	pH	--	--	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.240
Field Test (degrees Celcius)	Temperature	--	--	28.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600
	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
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
	1,2-Dibromoethane (EDB)	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	ND
	Benzene	5	MCL	ND

Summary of Chemistry Results

Zone A2

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

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		Location ID:	A2-HYDZ-16
		Location Type:	Hydrant
		Address:	FH Z-16
		Field Sample ID:	A2-DL-0017656-24153 -N
		Sample Date:	2024-06-20
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL
	m,p-Xylene	--	--
	o-Xylene	--	--
	Toluene	1000	MCL
	Xylenes, Total	10000	MCL
Trihalomethanes (ppb)	Bromodichloromethane	--	--
	Bromoform	--	--
	Chloroform	--	--
	Dibromochloromethane	--	--
	Total Trihalomethanes	80	MCL