

Summary of Chemistry Results

Zone A1

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
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-ALOH1636	A1-AUST0211	A1-AUST0215		A1-AUST0223		A1-AUST0227	A1-AUST0233	
		Location Type:	Residence	Residence	Residence		Residence		Residence	Residence	
		Address:	1636 Aloha Avenue	211 Austin Court	215 Austin Court		223 Austin Court		227 Austin Court	233 Austin Court	
		Field Sample ID:	A1-TW-0001592-24092-N	A1-TW-0000450-24092-N	A1-TW-0001610-24092-N	A1-TW-0001610-24092-N-H	A1-TW-0001614-24092-N	A1-TW-0001614-24092-N-H	A1-TW-0001616-24092-N	A1-TW-0001618-24092-N	
		Sample Date:	2024-05-06	2024-05-15	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-15	2024-05-30	
		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	Absent
	E. coli	--	--	--	Absent	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	460	170	600	360	250	410	520	360
Field Test (pH)	pH	--	--	7.38	7.38	7.37	7.88	7.24	7.41	7.35	7.24
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.260	0.270	0.300	0.250	0.270	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	23.5	26.2	25.1	43.9	23.0	40.3	26.3	26.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.220	0.610	0.530	0.200	0.230	0.00	0.0640	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51500	53700	52300	--	52900	--	49700	54500
	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	22.8	15.2	16.2	--	21.3	--	14.1	20.3
	Lead	15	MCL	ND	0.130	ND	--	0.500	--	ND	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
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	--	ND	ND

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-AUST0211	A1-AUST0215		A1-AUST0223		A1-AUST0227	A1-AUST0233	
				Location Type:	Residence	Residence	Residence		Residence		Residence	Residence
				Address:	1636 Aloha Avenue	211 Austin Court	215 Austin Court		223 Austin Court		227 Austin Court	233 Austin Court
				Field Sample ID:	A1-TW-0001592-24092-N	A1-TW-0000450-24092-N	A1-TW-0001610-24092-N	A1-TW-0001610-24092-N-H	A1-TW-0001614-24092-N	A1-TW-0001614-24092-N-H	A1-TW-0001616-24092-N	A1-TW-0001618-24092-N
				Sample Date:	2024-05-06	2024-05-15	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-15	2024-05-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	--	0.320	0.310	
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	--	0.280	--	0.300	0.290	
	Total Trihalomethanes	80	MCL	ND	ND	ND	--	0.280	--	0.620	0.600	

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-AUST0233	A1-CORA1703	A1-CORA1707	A1-CURT0115	A1-CURT0119		A1-CURT0127	A1-CURT0155	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	233 Austin Court	1703 Coral Avenue	1707 Coral Avenue	115 Curtis Court	119 Curtis Court		127 Curtis Court	155 Curtis Court	
		Field Sample ID:	A1-TW-0001618-24092-N-H	A1-TW-0001624-24092-N	A1-TW-0001626-24092-N	A1-TW-0001266-24092-N	A1-TW-0001268-24092-N	A1-TW-0001268-24092-N-H	A1-TW-0001272-24092-N	A1-TW-0001309-24092-N	
		Sample Date:	2024-05-30	2024-04-26	2024-04-26	2024-05-15	2024-05-30	2024-05-30	2024-04-26	2024-05-14	
		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
	E. coli	--	--	--	--	--	Absent	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	ND	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	560	610	590	360	530	30.0	290	270
Field Test (pH)	pH	--	--	7.27	7.36	7.39	7.17	7.45	7.51	7.44	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.260	0.240	0.260	0.300	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	34.4	28.6	25.3	23.1	23.9	55.4	26.7	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.130	0.520	0.00	0.140	0.410	0.310	0.370
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51300	52500	52000	51500	--	48800	55700
	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	--	86.9	118	19.7	14.9	--	14.3	27.2
	Lead	15	MCL	--	0.150	1.60	ND	ND	--	ND	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
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	ND	--	ND	ND

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		Sample Date:	2024-05-30	2024-04-26	2024-04-26	2024-05-15	2024-05-30	2024-05-30	2024-04-26	2024-05-14	
		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	--	--	--	0.340	1.30	ND	ND	--	ND	0.370
	Chloroform	--	--	--	ND	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	0.370	ND	ND	--	ND	0.340
	Total Trihalomethanes	80	MCL	--	0.340	1.67	ND	ND	--	ND	0.710

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		Location ID:		A1-CURT0157		A1-CURT0159		A1-ETCE0255		A1-ETCE0263	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		157 Curtis Court		159 Curtis Court		255 Etccl Court		263 Etccl Court	
		Field Sample ID:		A1-TW-0001310-24092-N	A1-TW-0001310-24092-N-H	A1-TW-0001311-24092-N	A1-TW-0001311-24092-N-H	A1-TW-0001231-24092-N	A1-TW-0001231-24092-N-H	A1-TW-0001235-24092-N	A1-TW-0001235-24092-N-H
		Sample Date:		2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30
		Sample Type:		N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	4.00	ND	ND	28.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	460	250	560	330	630	500	670	620
Field Test (pH)	pH	--	--	7.19	7.65	7.44	7.60	7.40	7.44	7.23	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.240	0.260	0.240	0.260	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	24.1	39.7	24.6	42.9	25.5	49.1	25.7	52.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.640	0.170	0.290	0.480	0.600	0.620	0.110	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52200	--	50500	--	52900	--	52200	--
	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	17.9	--	22.3	--	26.8	--	15.7	--
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-CURT0157		A1-CURT0159		A1-ETCE0255		A1-ETCE0263													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
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	--	0.300	--	ND	--												
Chloroform		--	--	ND	--	ND	--	ND	--	ND	--												
Dibromochloromethane		--	--	ND	--	ND	--	0.270	--	0.260	--												
Total Trihalomethanes		80	MCL	ND	--	ND	--	0.570	--	0.260	--												

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		Location ID:	A1-ETCE0265	A1-KIRK2204					A1-KIRK2222		A1-KIRK2357
		Location Type:	Residence	Residence					Residence		Residence
		Address:	265 Etccl Court	2204 Kirkbride Avenue					2222 Kirkbride Avenue		2357 Kirkbride Avenue
		Field Sample ID:	A1-TW-0000436-24092-N	A1-TW-0001633-24092-N	A1-TW-0001633-24092-N-H	A1-TW-0001633-24092-3-N	A1-TW-0001633-24092-3-N-H	A1-TW-0001640-24092-N	A1-TW-0001640-24092-N-H	A1-TW-0001649-24092-N	
		Sample Date:	2024-05-15	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	2.00	21.0	ND	ND	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	120	360	360	--	--	790	360	590
Field Test (pH)	pH	--	--	7.36	7.33	7.48	--	--	7.40	8.07	7.13
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.270	0.290	--	--	0.270	0.220	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.8	28.1	45.0	--	--	27.3	43.3	24.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0170	0.400	0.430	--	--	0.110	17.0	0.0690
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51700	51400	--	51300	--	51200	--	51800
	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	21.7	13.2	--	18.7	--	32.8	--	36.1
	Lead	15	MCL	ND	ND	--	ND	--	ND	--	1.20
	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
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A1

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 Residences in Zone A1

				Location ID: A1-ETCE0265	A1-KIRK2204					A1-KIRK2222		A1-KIRK2357
				Location Type: Residence	Residence					Residence		Residence
				Address: 265 Etccl Court	2204 Kirkbride Avenue					2222 Kirkbride Avenue		2357 Kirkbride Avenue
				Field Sample ID: A1-TW-0000436-24092-N	A1-TW-0001633-24092-N	A1-TW-0001633-24092-N-H	A1-TW-0001633-24092-3-N	A1-TW-0001633-24092-3-N-H	A1-TW-0001640-24092-N	A1-TW-0001640-24092-N-H	A1-TW-0001649-24092-N	
				Sample Date: 2024-05-15	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	
				Sample Type: N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	
	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 A1

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

Notes:
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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 April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-KIRK2357	A1-KIRK2361		A1-LANA4207	A1-LANI0310	A1-LANI0346		A1-LANI1400	
		Location Type:	Residence	Residence		Residence	Residence	Residence		Residence	
		Address:	2357 Kirkbride Avenue	2361 Kirkbride Avenue		4207 Lanakila Avenue	310 Laniwai Avenue	346 Laniwai Avenue		1400 Laniwai Avenue	
		Field Sample ID:	A1-TW-0001649-24092-N-H	A1-TW-0001651-24092-N	A1-TW-0001651-24092-N-H	A1-TW-0001495-24092-N	A1-TW-0000464-24092-N	A1-TW-0000414-24092-N	A1-TW-0000414-24092-N-H	A1-TW-0000456-24092-N	
		Sample Date:	2024-05-30	2024-05-30	2024-05-30	2024-04-26	2024-05-15	2024-06-20	2024-06-20	2024-05-15	
		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	ND
Field Test (ppb)	Free Chlorine	4000	MCL	130	550	190	590	600	580	370	660
Field Test (pH)	pH	--	--	7.43	7.37	7.79	7.39	7.37	7.23	7.31	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.270	0.270	0.230	0.240	0.260	0.230
Field Test (degrees Celcius)	Temperature	--	--	40.5	24.0	45.4	24.3	23.4	24.5	51.2	23.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.110	0.370	0.00	1.49	0.00	0.600	0.00660
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51300	--	50000	52700	60900	--	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	--	28.4	--	26.6	3.60	12.9	--	7.70
	Lead	15	MCL	--	0.220	--	0.140	ND	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	0.0260	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	--	ND

Summary of Chemistry Results

Zone A1

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

Notes:
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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 A1

				Location ID:	A1-KIRK2357	A1-KIRK2361		A1-LANA4207	A1-LANI0310	A1-LANI0346		A1-LANI1400
				Location Type:	Residence	Residence		Residence	Residence	Residence		Residence
				Address:	2357 Kirkbride Avenue	2361 Kirkbride Avenue		4207 Lanakila Avenue	310 Laniwai Avenue	346 Laniwai Avenue		1400 Laniwai Avenue
				Field Sample ID:	A1-TW-0001649-24092-N-H	A1-TW-0001651-24092-N	A1-TW-0001651-24092-N-H	A1-TW-0001495-24092-N	A1-TW-0000464-24092-N	A1-TW-0000414-24092-N	A1-TW-0000414-24092-N-H	A1-TW-0000456-24092-N
				Sample Date:	2024-05-30	2024-05-30	2024-05-30	2024-04-26	2024-05-15	2024-06-20	2024-06-20	2024-05-15
				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

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID: A1-LANI1402		A1-LEHU0410		A1-LEYC0102		A1-LEYC0108		A1-LEYC0128	
		Residence		Residence		Residence		Residence		Residence	
		1402 Lanikai Avenue		410 Lehua Avenue		102 Ley Court		108 Ley Court		128 Ley Court	
		A1-TW-0001506-24092-N	A1-TW-0001506-24092-N-H	A1-TW-0000472-24092-N	A1-TW-0001697-24092-N	A1-TW-0001697-24092-N-H	A1-TW-0000449-24092-N	A1-TW-0000449-24092-N-H	A1-TW-0001708-24092-N		
		2024-05-30	2024-05-30	2024-05-15	2024-06-20	2024-06-20	2024-06-20	2024-06-20	2024-06-20		
		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	2.00	4.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	870	290	590	360	370	220	60.0	590
Field Test (pH)	pH	--	--	7.39	7.49	7.31	7.31	7.16	7.27	7.56	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	0.230	0.170	0.240	0.230	0.270	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.0	48.3	24.0	26.3	30.9	25.0	56.3	24.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	1.26	0.220	0.610	0.140	0.240	0.210	0.0390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53500	--	52600	55900	--	60000	--	64700
	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	13.1	--	15.8	22.2	--	18.8	--	12.3
	Lead	15	MCL	ND	--	ND	0.190	--	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
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A1

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

Notes:
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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
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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 A1

		Location ID: A1-LANI1402		A1-LEHU0410		A1-LEYC0102		A1-LEYC0108		A1-LEYC0128	
		Residence		Residence		Residence		Residence		Residence	
		1402 Lanikai Avenue		410 Lehua Avenue		102 Ley Court		108 Ley Court		128 Ley Court	
		Field Sample ID: A1-TW-0001506-24092-N		A1-TW-0001506-24092-N-H		A1-TW-0000472-24092-N		A1-TW-0001697-24092-N		A1-TW-0001697-24092-N-H	
		Sample Date: 2024-05-30		2024-05-30		2024-05-15		2024-06-20		2024-06-20	
		Sample Type: 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
	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 A1

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
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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 A1

		Location ID: A1-LEYC0128		A1-LEYC0130		A1-LOCH7003		A1-LOWE1001		A1-LOWE1011	
		Residence		Residence		Residence		Residence		Residence	
		128 Ley Court		130 Ley Court		7003 Loch Street		1001 Lowella Avenue		1011 Lowella Avenue	
		A1-TW-0001708-24092-N-H		A1-TW-0000418-24092-N	A1-TW-0000418-24092-3-N	A1-TW-0001723-24092-N	A1-TW-0001723-24092-3-N	A1-TW-0001530-24092-N	A1-TW-0001539-24092-N	A1-TW-0001539-24092-N-H	
		2024-06-20		2024-05-15	2024-05-15	2024-05-15	2024-05-15	2024-04-26	2024-06-20	2024-06-20	
		N (Normal)		N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	2.00	2.00	--	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	690	--	590	--	560	530	350
Field Test (pH)	pH	--	--	7.50	7.38	--	7.34	--	7.52	7.22	7.79
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	--	0.230	--	0.270	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	40.8	22.6	--	23.7	--	27.3	24.7	37.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.380	--	0.240	--	0.00980	0.00	0.570
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53100	51700	52700	51000	50000	63400	--
	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	--	14.0	14.2	11.6	11.5	35.0	28.5	--
	Lead	15	MCL	--	ND	ND	ND	ND	ND	0.360	--
	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	--	0.0130	ND	ND	ND	ND	0.0140	--
	Naphthalene	--	--	--	ND	ND	ND	ND	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	ND	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	ND	ND	ND	--

Summary of Chemistry Results

Zone A1

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

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Parts per Thousand (ppth)
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N (Normal) = Full compliance sample
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

				Location ID:	A1-LEYC0128	A1-LEYC0130		A1-LOCH7003		A1-LOWE1001	A1-LOWE1011	
				Location Type:	Residence	Residence		Residence		Residence	Residence	
				Address:	128 Ley Court	130 Ley Court		7003 Loch Street		1001 Lowella Avenue	1011 Lowella Avenue	
				Field Sample ID:	A1-TW-0001708-24092-N-H	A1-TW-0000418-24092-N	A1-TW-0000418-24092-3-N	A1-TW-0001723-24092-N	A1-TW-0001723-24092-3-N	A1-TW-0001530-24092-N	A1-TW-0001539-24092-N	A1-TW-0001539-24092-N-H
				Sample Date:	2024-06-20	2024-05-15	2024-05-15	2024-05-15	2024-05-15	2024-04-26	2024-06-20	2024-06-20
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	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	0.290	ND	--
	Bromoform	--	--	--	ND	ND	ND	ND	ND	0.980	ND	--
	Chloroform	--	--	--	ND	ND	ND	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	--	ND	ND	ND	ND	ND	0.740	ND	--
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	ND	ND	2.01	ND	--

**Summary of Chemistry Results
Zone A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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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 A1

		Location ID:		A1-LOWE1030		A1-LOWE1102		A1-LOWE1103			A1-PALM1811
		Location Type:		Residence		Residence		Residence			Residence
		Address:		1030 Lowella Avenue		1102 Lowella Avenue		1103 Lowella Ave			1811 Palm Avenue
		Field Sample ID:		A1-TW-0001553-24092-N	A1-TW-0001553-24092-N-H	A1-TW-0000426-24092-N	A1-TW-0000426-24092-N-H	A1-TW-0017808-24092-N	A1-TW-0017808-24092-3-N	A1-TW-0017808-24122-N	A1-TW-0000465-24092-N
		Sample Date:		2024-06-20	2024-06-20	2024-06-20	2024-06-20	2024-04-12	2024-04-12	2024-05-06	2024-05-15
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	--	--	--	Absent
	E. coli	--	--	Absent	--	Absent	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	--	--	--	21.0
Field Test (ppb)	Free Chlorine	4000	MCL	980	520	550	200	590	--	620	320
Field Test (pH)	pH	--	--	7.32	7.29	7.65	7.51	7.33	--	7.38	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.220	0.270	0.230	--	0.220	0.230
Field Test (degrees Celcius)	Temperature	--	--	24.4	37.3	26.0	46.2	22.5	--	23.3	28.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.190	0.590	0.660	0.380	--	0.340	0.130
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56300	--	67500	--	50000	55000	50500	51600
	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	23.6	--	25.9	--	7.80	8.80	9.40	24.3
	Lead	15	MCL	0.130	--	0.330	--	ND	ND	ND	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
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND

Summary of Chemistry Results

Zone A1

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 Residences in Zone A1

		Location ID: A1-LOWE1030		A1-LOWE1102		A1-LOWE1103			A1-PALM1811		
		Residence		Residence		Residence			Residence		
		Address: 1030 Lowella Avenue		1102 Lowella Avenue		1103 Lowella Ave			1811 Palm Avenue		
		Field Sample ID: A1-TW-0001553-24092-N	A1-TW-0001553-24092-N-H	A1-TW-0000426-24092-N	A1-TW-0000426-24092-N-H	A1-TW-0017808-24092-N	A1-TW-0017808-24092-3-N	A1-TW-0017808-24122-N	A1-TW-0000465-24092-N		
		Sample Date: 2024-06-20	2024-06-20	2024-06-20	2024-06-20	2024-04-12	2024-04-12	2024-05-06	2024-05-15		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	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

Summary of Chemistry Results
Zone A1
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 April 2024 - June 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-PARK0194	A1-ROBI1203	A1-ROBI1225	A1-ROBI1227		A1-ROBI1229	A1-ROBI1231	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence		Residence	Residence
					194 Parker Court	1203 Robinson Avenue	1225 Robinson Avenue	1227 Robinson Avenue		1229 Robinson Avenue	1231 Robinson Avenue	
					A1-TW-0001764-24092-N	A1-TW-0001792-24092-N	A1-TW-0001358-24092-N	A1-TW-0001359-24092-N	A1-TW-0001359-24092-N-H	A1-TW-0001360-24092-N	A1-TW-0000444-24092-N	A1-TW-0000444-24092-N-H
					2024-04-26	2024-05-15	2024-04-26	2024-06-20	2024-06-20	2024-04-18	2024-06-20	2024-06-20
					N (Normal)	N (Normal)	N (Normal)	N (Normal)				
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	--	Absent	--	--
	E. coli	--	--	--	Absent	--	Absent	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	4.00	--	ND	ND	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	560	600	460	410	570	350	210	180	
Field Test (pH)	pH	--	--	7.41	7.38	7.42	7.27	7.42	7.41	7.25	7.33	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.260	0.240	0.250	0.240	0.230	0.270	
Field Test (degrees Celcius)	Temperature	--	--	25.9	23.6	24.3	24.8	34.6	23.4	26.5	47.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00750	0.0110	0.0570	0.00140	0.0500	0.370	0.420	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	51900	50000	60900	--	57500	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	26.1	37.7	35.4	26.1	--	54.7	87.5	--	
	Lead	15	MCL	0.170	0.520	0.170	0.190	--	0.130	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	0.0200	--	
	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 A1

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)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-PARK0194	A1-ROBI1203	A1-ROBI1225	A1-ROBI1227		A1-ROBI1229	A1-ROBI1231		
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence		
		Address:	194 Parker Court	1203 Robinson Avenue	1225 Robinson Avenue	1227 Robinson Avenue		1229 Robinson Avenue	1231 Robinson Avenue		
		Field Sample ID:	A1-TW-0001764-24092-N	A1-TW-0001792-24092-N	A1-TW-0001358-24092-N	A1-TW-0001359-24092-N	A1-TW-0001359-24092-N-H	A1-TW-0001360-24092-N	A1-TW-0000444-24092-N	A1-TW-0000444-24092-N-H	
		Sample Date:	2024-04-26	2024-05-15	2024-04-26	2024-06-20	2024-06-20	2024-04-18	2024-06-20	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)	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	ND	--
	Bromoform	--	--	ND	ND	ND	ND	--	0.350	0.400	--
	Chloroform	--	--	ND	ND	ND	ND	--	ND	ND	--
	Dibromochloromethane	--	--	ND	ND	ND	ND	--	ND	0.250	--
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	--	0.350	0.650	--

**Summary of Chemistry Results
Zone A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:	
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	Location Type:	
				Address:	Address:	Address:		Address:	Address:	Address:	Address:	
				Field Sample ID:								
				Sample Date:								
				Sample Type:								
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
Field Test (ppb)	Free Chlorine	4000	MCL	230	440	430	--	--	570	530	540	520
Field Test (pH)	pH	--	--	7.37	7.43	7.38	--	--	7.40	7.32	7.48	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.250	--	--	0.240	0.260	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	23.9	23.5	25.6	--	--	25.2	24.3	24.6	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.49	0.00	0.00730	--	--	0.200	0.360	1.34	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52800	55000	50000	52500	--	54200	55100	55000	52200
	Total Organic Carbon	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	81.3	85.8	27.2	26.0	--	30.6	60.8	35.7	36.3
	Lead	15	MCL	0.130	0.230	ND	0.160	--	ND	0.310	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0180	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	

Summary of Chemistry Results

Zone A1

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 A1

		Location ID:	A1-ROBI1301	A1-ROBI1307	A1-ROBI1313		A1-WAIA2381	A1-WAIA6940	A1-WAIA6945	A1-WAIA6946
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	1301 Robinson Avenue	1307 Robinson Avenue	1313 Robinson Avenue		2381 Waianiani Court	6940 Waiauau Court	6945 Waiauau Court	6946 Waiauau Court
		Field Sample ID:	A1-TW-0001362-24092-N	A1-TW-0009230-24092-N	A1-TW-0000462-24092-N	A1-TW-0000462-24092-3-N	A1-TW-0001374-24092-N	A1-TW-0001406-24092-N	A1-TW-0000429-24092-N	A1-TW-0001407-24092-N
		Sample Date:	2024-05-15	2024-04-18	2024-04-18	2024-04-18	2024-05-15	2024-05-15	2024-04-18	2024-05-15
		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							
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	--	--	0.520	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.510	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.03	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-WAIA6946	A1-WAIA6947	A1-WAIA6948	A1-WAIE7026	A1-WAIE7033	A1-WAIK2244	A1-WAIK2268	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6946 Waiauau Court	6947 Waiauau Court	6948 Waiauau Court	7026 Waiea Court	7033 Waiea Court	2244 Waikahe Court	2268 Waikahe Court	
		Field Sample ID:	A1-TW-0001407-24092-3-N	A1-TW-0001408-24092-N	A1-TW-0001409-24092-N	A1-TW-0001436-24092-N	A1-TW-0001440-24092-N	A1-TW-0000454-24092-N	A1-TW-0001462-24092-N	
		Sample Date:	2024-05-15	2024-05-15	2024-04-26	2024-05-15	2024-05-15	2024-04-18	2024-04-26	
		Sample Type:	FD (Field Duplicate)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-WAIA6946	A1-WAIA6947	A1-WAIA6948	A1-WAIE7026	A1-WAIE7033	A1-WAIK2244	A1-WAIK2268
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	--	6.00	2.00	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	--	300	710	560	580	500	140
Field Test (pH)	pH	--	--	--	7.19	7.41	7.40	7.40	7.40	7.50
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.240	0.270	0.260	0.230	0.240	0.270
Field Test (degrees Celcius)	Temperature	--	--	--	24.4	25.2	25.1	26.4	24.7	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.0160	0.00	0.840	0.210	0.0720	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51700	52300	50000	55700	53100	52500	52500
	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	34.8	38.1	44.7	34.4	25.3	23.4	55.0
	Lead	15	MCL	ND	ND	0.340	0.130	ND	0.500	0.150
	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	0.0210	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

Summary of Chemistry Results

Zone A1

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A1

		Location ID:	A1-WAIA6946	A1-WAIA6947	A1-WAIA6948	A1-WAIE7026	A1-WAIE7033	A1-WAIK2244	A1-WAIK2268
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6946 Waiauau Court	6947 Waiauau Court	6948 Waiauau Court	7026 Waiea Court	7033 Waiea Court	2244 Waikahe Court	2268 Waikahe Court
		Field Sample ID:	A1-TW-0001407-24092-3-N	A1-TW-0001408-24092-N	A1-TW-0001409-24092-N	A1-TW-0001436-24092-N	A1-TW-0001440-24092-N	A1-TW-0000454-24092-N	A1-TW-0001462-24092-N
		Sample Date:	2024-05-15	2024-05-15	2024-04-26	2024-05-15	2024-05-15	2024-04-18	2024-04-26
		Sample Type:	FD (Field Duplicate)	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	0.370	0.350	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.330	0.320	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.700	0.670	ND

Summary of Chemistry Results
Zone A1
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
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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A1

		Location ID: A1-HYD0402			A1-HYD2253						
		Location Type: Hydrant			Hydrant						
		Address: SA-DFH 57			SA-AFH 35						
		Field Sample ID: A1-DL-0016026-24092	A1-DL-0016026-24092	A1-DL-0016026-24122	A1-DL-0016026-24122	A1-DL-0016026-24153	A1-DL-0016024-24092	A1-DL-0016024-24122	A1-DL-0016024-24122		
		-N	-3-N	-N	-N-R1	-N	-N	-N	-3-N		
		Sample Date: 2024-04-26	2024-04-26	2024-05-15	2024-05-22	2024-06-20	2024-04-26	2024-05-15	2024-05-15		
		Sample Type: 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	--	--	--	--	Present	Absent	Absent	--	Absent	Absent
	E. coli	--	--	--	--	Absent	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	738	ND	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	--	20.0	200	260	220	570	--
Field Test (pH)	pH	--	--	6.56	--	9.47	9.04	8.78	7.51	7.42	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	--	0.280	0.270	0.270	0.260	0.240	--
Field Test (degrees Celcius)	Temperature	--	--	25.7	--	26.9	27.8	29.9	25.6	25.2	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	4.99	--	1.55	0.390	0.210	0.640	0.470	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	75000	75000	86500	--	90000	52500	51300	51500
	Total Organic Carbon	--	--	ND	ND	ND	--	460	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
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
	1,2-Dibromoethane (EDB)	--	--	--	--	--	--	ND	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	--	ND	--	--	--
	Benzene	5	MCL	ND	ND	ND	--	ND	ND	ND	ND

Summary of Chemistry Results

Zone A1

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 April 2024 - June 2024 from Hydrants in Zone A1

		Location ID: A1-HYD0402			A1-HYD2253					
		Location Type: Hydrant			Hydrant					
		Address: SA-DFH 57			SA-AFH 35					
		Field Sample ID: A1-DL-0016026-24092	A1-DL-0016026-24092	A1-DL-0016026-24122	A1-DL-0016026-24122	A1-DL-0016026-24153	A1-DL-0016024-24092	A1-DL-0016024-24122	A1-DL-0016024-24122	
		-N	-3-N	-N	-N-R1	-N	-N	-N	-3-N	
		Sample Date: 2024-04-26	2024-04-26	2024-05-15	2024-05-22	2024-06-20	2024-04-26	2024-05-15	2024-05-15	
		Sample Type: 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)	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	--	--	1.40	1.20	1.00	--	2.00	ND	ND
	Bromoform	--	--	12.3	11.0	11.7	--	13.7	2.20	1.30
	Chloroform	--	--	0.580	0.470	0.460	--	0.710	ND	ND
	Dibromochloromethane	--	--	3.10	2.80	2.80	--	5.70	0.750	0.590
	Total Trihalomethanes	80	MCL	17.4	15.5	16.0	--	22.1	2.95	1.89

Summary of Chemistry Results

Zone A1

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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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A1

		Location ID: A1-HYD2253		Location ID: A1-HYD2254				Location ID: A1-HYD2431			
		Hydrant		Hydrant				Hydrant			
		SA-AFH 35		FH ID: SA-AFH 7				SA-AFH 60			
		Field Sample ID: A1-DL-0016024-24153	Field Sample ID: A1-DL-0016024-24153	Field Sample ID: A1-DL-0000510-24092	Field Sample ID: A1-DL-0000510-24122	Field Sample ID: A1-DL-0000510-24153	Field Sample ID: A1-DL-0000510-24153	Field Sample ID: A1-DL-0016023-24092	Field Sample ID: A1-DL-0016023-24122		
		-N	-N-R1	-N	-N	-N	-3-N	-N	-N		
		Sample Date: 2024-06-20	Sample Date: 2024-06-28	Sample Date: 2024-04-26	Sample Date: 2024-05-15	Sample Date: 2024-06-20	Sample Date: 2024-06-20	Sample Date: 2024-04-26	Sample Date: 2024-05-30		
		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	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	--	--	Present	Absent	--	Absent	Absent	Absent	--	Absent
	E. coli	--	--	Absent	Absent	--	Absent	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	15.0	ND	--	ND	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	280	390	470	600	570	--	50.0	20.0
Field Test (pH)	pH	--	--	7.47	7.47	7.37	7.32	7.33	--	8.11	8.63
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.230	0.250	--	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.9	25.9	24.5	24.9	25.5	--	26.3	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.400	0.410	0.430	0.460	--	2.09	0.690
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	69100	--	48800	54300	60200	64900	52500	67000
	Total Organic Carbon	--	--	200	--	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
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
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	--	ND	ND	--	--
	1,3,5-Trimethylbenzene	--	--	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

Summary of Chemistry Results

Zone A1

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 A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-HYD2253		Location ID: A1-HYD2254				Location ID: A1-HYD2431											
				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								
				Hydrant SA-AFH 35		Hydrant FH ID: SA-AFH 7				Hydrant SA-AFH 60											
				A1-DL-0016024-24153 -N	2024-06-20	A1-DL-0016024-24153 -N-R1	2024-06-28	A1-DL-0000510-24092 -N	2024-04-26	A1-DL-0000510-24122 -N	2024-05-15	A1-DL-0000510-24153 -N	2024-06-20	A1-DL-0000510-24153 -3-N	2024-06-20	A1-DL-0000510-24153 -3-N	2024-06-20	A1-DL-0016023-24092 -N	2024-04-26	A1-DL-0016023-24122 -N	2024-05-30
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	--	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	ND
	o-Xylene	--	--	ND	--	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	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.280	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	2.80	--	ND	0.340	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.00
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.10	--	ND	0.320	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	4.18	--	ND	0.660	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.00

Summary of Chemistry Results
Zone A1
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 Hydrants in Zone A1

		Location ID: A1-HYD2431		A1-HYD55B			A1-HYD72				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: SA-AFH 60		Hydrant 55B			Hydrant 72				
		Field Sample ID: A1-DL-0016023-24153	A1-DL-0016023-24153	A1-DL-0016025-24092	A1-DL-0016025-24122	A1-DL-0016025-24153	A1-DL-0016027-24092	A1-DL-0016027-24122	A1-DL-0016027-24153		
		-N	-3-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-06-20	2024-06-20	2024-04-26	2024-05-15	2024-06-20	2024-04-26	2024-05-15	2024-06-20		
		Sample Type: N (Normal)	FD (Field Duplicate)	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	507	372	--	2.00	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	--	420	550	180	590	570	530
Field Test (pH)	pH	--	--	7.91	--	7.36	7.33	7.41	7.37	7.36	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	--	0.250	0.230	0.230	0.260	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	27.9	--	25.6	26.0	27.5	24.9	26.2	25.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	3.51	--	0.660	0.620	1.97	0.660	0.290	0.890
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65900	71600	48800	51900	56400	50000	52500	60300
	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	0.0150	ND	ND	ND	0.0160	ND	0.0180	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	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	ND	--	--	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A1

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 A1

		Location ID: A1-HYD2431		A1-HYD55B			A1-HYD72		
		Location Type: Hydrant		Hydrant			Hydrant		
		Address: SA-AFH 60		Hydrant 55B			Hydrant 72		
		Field Sample ID: A1-DL-0016023-24153	A1-DL-0016023-24153	A1-DL-0016025-24092	A1-DL-0016025-24122	A1-DL-0016025-24153	A1-DL-0016027-24092	A1-DL-0016027-24122	A1-DL-0016027-24153
		-N	-3-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-06-20	2024-06-20	2024-04-26	2024-05-15	2024-06-20	2024-04-26	2024-05-15	2024-06-20
		Sample Type: N (Normal)	FD (Field Duplicate)	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	--	--	1.50	1.50	ND	ND	1.30	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.500	0.510	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.00	2.01	ND	ND	1.30	ND