

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-CATA1155		A2-DAUN4876		A2-DAUN4931		A2-KAME4755	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				Residence 1155 Catalina Drive		Residence 4876 Dauntless Drive		Residence 4931 Dauntless Drive		Residence 4755 Kamehameha Loop	
				A2-TW-0001800-24092-N	A2-TW-0001800-24092-N-H	A2-TW-0001833-24092-N	A2-TW-0001833-24092-N-H	A2-TW-0001846-24092-N	A2-TW-0001846-24092-N-H	A2-TW-0001857-24092-N-H-WQI	A2-TW-0001857-24092-N-WQI
				2024-09-23	2024-09-23	2024-08-27	2024-08-27	2024-08-23	2024-08-23	2024-07-03	2024-07-03
				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	--	--	18.0	2.00	43.0	ND	21.0	5.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	600	450	470	350	550	540	260	520
Field Test (pH)	pH	--	--	7.24	7.24	7.26	7.34	7.30	7.33	7.31	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.270	0.270	0.250	0.270	0.300	0.270
Field Test (degrees Celcuis)	Temperature	--	--	28.3	44.8	27.6	38.2	28.5	41.4	48.0	27.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.80	1.45	0.810	0.870	0.760	0.600	0.550	0.990
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58000	--	52900	--	52700	--	--	51900
	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	25.1	--	41.4	--	33.3	--	--	36.7
	Lead	15	MCL	0.230	--	0.390	--	0.220	--	--	ND
	Mercury	2	MCL	ND	--	ND	--	ND	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	--	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	--	ND
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	--	--
	Anthracene	--	--	ND	--	ND	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	--	ND

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		Location ID: A2-CATA1155		A2-DAUN4876		A2-DAUN4931		A2-KAME4755		
		Residence		Residence		Residence		Residence		
		1155 Catalina Drive		4876 Dauntless Drive		4931 Dauntless Drive		4755 Kamehameha Loop		
		Field Sample ID:	A2-TW-0001800-24092-N	A2-TW-0001800-24092-N-H	A2-TW-0001833-24092-N	A2-TW-0001833-24092-N-H	A2-TW-0001846-24092-N	A2-TW-0001846-24092-N-H	A2-TW-0001857-24092-N-H-WQI	A2-TW-0001857-24092-N-WQI
		Sample Date:	2024-09-23	2024-09-23	2024-08-27	2024-08-27	2024-08-23	2024-08-23	2024-07-03	2024-07-03
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	--
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	--
	Chrysene	--	--	ND	--	ND	--	ND	--	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	--
	Fluorene	--	--	ND	--	ND	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	--	--
	Pyrene	--	--	ND	--	ND	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND
	Cumene	--	--	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	--
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	

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				A2-CATA1155	Residence	1155 Catalina Drive	A2-TW-0001800-24092-N	2024-09-23	N (Normal)	A2-DAUN4876	Residence	4876 Dauntless Drive	A2-TW-0001833-24092-N	2024-08-27	N (Normal)	A2-DAUN4931	Residence	4931 Dauntless Drive	A2-TW-0001846-24092-N	2024-08-23	N (Normal)	A2-KAME4755	Residence	4755 Kamehameha Loop	A2-TW-0001857-24092-N-H-WQI	2024-07-03	N (Normal)	
							A2-TW-0001800-24092-N-H	2024-09-23	N (Normal)				A2-TW-0001833-24092-N-H	2024-08-27	N (Normal)				A2-TW-0001846-24092-N-H	2024-08-23	N (Normal)				A2-TW-0001857-24092-N-H-WQI	2024-07-03	N (Normal)	
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND
	Bromoform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND
	Chloroform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND
	Dibromochloromethane	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND
	Total Trihalomethanes		80	MCL	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-KAME4851		A2-KAME4877		A2-KAME4922		A2-KAME4945													
				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:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	8.00	ND	ND	ND	ND	ND	ND	ND												
Field Test (ppb)	Free Chlorine	4000	MCL	420	580	520	450	320	60.0	540	190												
Field Test (pH)	pH	--	--	7.30	7.30	7.02	7.20	7.44	7.43	7.49	7.57												
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.240	0.270	0.260	0.280	0.250	0.270												
Field Test (degrees Celcius)	Temperature	--	--	26.8	38.8	25.3	42.1	29.1	50.8	25.2	43.5												
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.810	1.12	0.0270	0.00190	0.310	1.80	0.450	0.340												
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52600	--	57400	--	56800	--	56700	--												
	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	62.6	--	27.3	--	43.5	--	21.3	--												
	Lead	15	MCL	0.240	--	0.220	--	0.130	--	0.150	--												
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--												
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	Acenaphthylene	--	--	ND	--	--	--	--	--	--	--												
	Anthracene	--	--	ND	--	--	--	--	--	--	--												
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--												

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		Location ID: A2-KAME4851		A2-KAME4877		A2-KAME4922		A2-KAME4945		
		Residence		Residence		Residence		Residence		
		4851 Kamehameha Loop		4877 Kamehameha Loop		4922 Kamehameha Loop		4945 Kamehameha Loop		
		Field Sample ID:	A2-TW-0001879-24092-N	A2-TW-0001879-24092-N-H	A2-TW-0001888-24092-N	A2-TW-0001888-24092-N-H	A2-TW-0000407-24092-N	A2-TW-0000407-24092-N-H	A2-TW-0001903-24092-N	A2-TW-0001903-24092-N-H
		Sample Date:	2024-08-27	2024-08-27	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	ND	--	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	ND	--	--	--	--	--	--
	Chrysene	--	--	ND	--	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	--	--	--	--	--	--
	Fluorene	--	--	ND	--	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	--	--	--	--	--	--
	Pyrene	--	--	ND	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND
	Cumene	--	--	ND	--	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	ND	--	--	--	--	--	--
	n-Propylbenzene	--	--	ND	--	--	--	--	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	ND	--	--	--	--	--	--
	tert-Butylbenzene	--	--	ND	--	--	--	--	--	--
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	

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				Location ID:	Location Type:							
				Residence 4851 Kamehameha Loop		Residence 4877 Kamehameha Loop		Residence 4922 Kamehameha Loop		Residence 4945 Kamehameha Loop		
				Field Sample ID:	A2-TW-0001879-24092-N	A2-TW-0001879-24092-N-H	A2-TW-0001888-24092-N	A2-TW-0001888-24092-N-H	A2-TW-0000407-24092-N	A2-TW-0000407-24092-N-H	A2-TW-0001903-24092-N	A2-TW-0001903-24092-N-H
				Sample Date:	2024-08-27	2024-08-27	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	

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		Location ID: A2-KAME4947		A2-KAME5027		A2-KAME5039		A2-KAME5116			
		Residence		Residence		Residence		Residence			
		4947 Kamehameha Loop		5027 Kamehameha Loop		5039 Kamehameha Loop		5116 Kamehameha Loop			
		Field Sample ID:	A2-TW-0000404-24092-N	A2-TW-0000404-24092-N-H	A2-TW-0000386-24092-N	A2-TW-0000386-24092-N-H	A2-TW-0001921-24092-N	A2-TW-0001921-24092-N-H	A2-TW-0001938-24092-N	A2-TW-0001938-24092-N-H	
		Sample Date:	2024-07-22	2024-07-22	2024-08-23	2024-08-23	2024-08-23	2024-08-23	2024-08-23	2024-08-23	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-KAME4947		A2-KAME5027		A2-KAME5039		A2-KAME5116	
				Location ID:	Location Type:						
				Residence 4947 Kamehameha Loop		Residence 5027 Kamehameha Loop		Residence 5039 Kamehameha Loop		Residence 5116 Kamehameha Loop	
				Field Sample ID:	Sample Date:						
				A2-TW-0000404-24092-N	2024-07-22	A2-TW-0000404-24092-N-H	2024-07-22	A2-TW-0000386-24092-N	2024-08-23	A2-TW-0000386-24092-N-H	2024-08-23
				N (Normal)	N (Normal)						
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone A2

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

		Location ID:		A2-KAME5134		A2-KAME5232		A2-NEVA4697		A2-NEVA4711	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		5134 Kamehameha Loop		5232 Kamehameha Loop		4697 Nevada Street		4711 Nevada Street	
		Field Sample ID:		A2-TW-0000408-24092-N	A2-TW-0000408-24092-N-H	A2-TW-0001964-24092-N	A2-TW-0001964-24092-N-H	A2-TW-0000393-24092-N	A2-TW-0000393-24092-N-H	A2-TW-0002016-24092-N	A2-TW-0002016-24092-N-H
		Sample Date:		2024-08-23	2024-08-23	2024-09-12	2024-09-12	2024-08-23	2024-08-23	2024-08-23	2024-08-23
		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	--	--	180	192	ND	ND	34.0	22.0	76.0	13.0
Field Test (ppb)	Free Chlorine	4000	MCL	570	400	430	70.0	550	580	630	170
Field Test (pH)	pH	--	--	7.28	7.23	7.28	7.73	7.34	7.20	7.23	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.280	0.320	0.270	0.260	0.260	0.260
Field Test (degrees Celcuis)	Temperature	--	--	27.8	36.5	32.5	56.9	27.4	38.2	27.7	37.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.240	0.00	0.970	0.720	0.00	0.00	0.140	0.0570
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54400	--	57600	--	52100	--	55100	--
	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	45.2	--	98.5	--	19.9	--	15.9	--
	Lead	15	MCL	ND	--	0.150	--	2.00	--	0.200	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	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)
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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 July 2024 - September 2024 from Residences in Zone A2

		Location ID: A2-KAME5134		A2-KAME5232		A2-NEVA4697		A2-NEVA4711	
		Residence		Residence		Residence		Residence	
		Address: 5134 Kamehameha Loop		5232 Kamehameha Loop		4697 Nevada Street		4711 Nevada Street	
		Field Sample ID: A2-TW-0000408-24092-N	A2-TW-0000408-24092-N-H	A2-TW-0001964-24092-N	A2-TW-0001964-24092-N-H	A2-TW-0000393-24092-N	A2-TW-0000393-24092-N-H	A2-TW-0002016-24092-N	A2-TW-0002016-24092-N-H
		Sample Date: 2024-08-23	2024-08-23	2024-09-12	2024-09-12	2024-08-23	2024-08-23	2024-08-23	2024-08-23
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--
Toluene	1000	MCL	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 July 2024 - September 2024 from Residences in Zone A2

		Location ID: A2-KAME5134		A2-KAME5232		A2-NEVA4697		A2-NEVA4711			
		Residence		Residence		Residence		Residence			
		Address: 5134 Kamehameha Loop		5232 Kamehameha Loop		4697 Nevada Street		4711 Nevada Street			
		Field Sample ID:	A2-TW-0000408-24092-N	A2-TW-0000408-24092-N-H	A2-TW-0001964-24092-N	A2-TW-0001964-24092-N-H	A2-TW-0000393-24092-N	A2-TW-0000393-24092-N-H	A2-TW-0002016-24092-N	A2-TW-0002016-24092-N-H	
		Sample Date:	2024-08-23	2024-08-23	2024-09-12	2024-09-12	2024-08-23	2024-08-23	2024-08-23	2024-08-23	
		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)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	0.460	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	0.410	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	0.870	--

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 July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-PRIN4525 Residence 4525 Princeton Place				A2-TOMA4905 Residence 4905 Tomahawk Street		A2-TOMA4949 Residence 4949 Tomahawk Street	
				Field Sample ID	Sample Date	Sample Type	DOH Project Screening Level	Basis of Project Screening Level	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	--	--	18.0	ND	26.0	ND	46.0	ND	15.0	99.0
Field Test (ppb)	Free Chlorine	4000	MCL	530	430	--	--	630	720	490	440
Field Test (pH)	pH	--	--	7.26	7.38	--	--	7.26	7.19	7.27	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.300	--	--	0.260	0.280	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	31.7	47.5	--	--	30.1	44.8	26.6	32.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.02	1.12	--	--	2.39	1.65	0.380	0.400
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55300	--	58000	--	54500	--	52400	--
	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	16.5	--	16.1	--	15.1	--	34.0	--
	Lead	15	MCL	0.280	--	0.280	--	0.310	--	0.290	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	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 July 2024 - September 2024 from Residences in Zone A2

		A2-PRIN4525 Residence 4525 Princeton Place				A2-TOMA4905 Residence 4905 Tomahawk Street		A2-TOMA4949 Residence 4949 Tomahawk Street	
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
		A2-TW-0002037-24092-N	A2-TW-0002037-24092-N-H	A2-TW-0002037-24092-3-N	A2-TW-0002037-24092-3-N-H	A2-TW-0002061-24092-N	A2-TW-0002061-24092-N-H	A2-TW-0002087-24092-N	A2-TW-0002087-24092-N-H
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
		2024-09-12	2024-09-12	2024-09-12	2024-09-12	2024-08-23	2024-08-23	2024-08-23	2024-08-23
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
		N (Normal)	N (Normal)	FD (Field Duplicate)	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(b)fluoranthene	--	--	ND	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--
Toluene	1000	MCL	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 July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-PRIN4525				A2-TOMA4905		A2-TOMA4949	
				Residence				Residence		Residence	
				4525 Princeton Place				4905 Tomahawk Street		4949 Tomahawk Street	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				A2-TW-0002037-24092-N	A2-TW-0002037-24092-N-H	A2-TW-0002037-24092-3-N	A2-TW-0002037-24092-3-N-H	A2-TW-0002061-24092-N	A2-TW-0002061-24092-N-H	A2-TW-0002087-24092-N	A2-TW-0002087-24092-N-H
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-09-12	2024-09-12	2024-09-12	2024-09-12	2024-08-23	2024-08-23	2024-08-23	2024-08-23
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone A2

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-TOMA4951 Residence 4951 Tomahawk Street		A2-TOMA4959 Residence 4959 Tomahawk Street		A2-TOMA4966 Residence 4966 Tomahawk Street		A2-TOMA4967 Residence 4967 Tomahawk Street	
				Field Sample ID: A2-TW-0002089-24092-N Sample Date: 2024-09-12 Sample Type: N (Normal)	Field Sample ID: A2-TW-0002089-24092-N-H Sample Date: 2024-09-12 Sample Type: N (Normal)	Field Sample ID: A2-TW-0000403-24092-N Sample Date: 2024-09-23 Sample Type: N (Normal)	Field Sample ID: A2-TW-0000403-24092-N-H Sample Date: 2024-09-23 Sample Type: N (Normal)	Field Sample ID: A2-TW-0002096-24092-N Sample Date: 2024-08-27 Sample Type: N (Normal)	Field Sample ID: A2-TW-0002096-24092-N-H Sample Date: 2024-08-27 Sample Type: N (Normal)	Field Sample ID: A2-TW-0002097-24092-N Sample Date: 2024-09-12 Sample Type: N (Normal)	Field Sample ID: A2-TW-0002097-24092-N-H Sample Date: 2024-09-12 Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	14.0	2.00	6.00	138	63.0	ND	38.0	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	600	490	470	520	690	520	310	290
Field Test (pH)	pH	--	--	7.37	7.31	7.32	7.30	7.37	7.31	7.30	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.300	0.260	0.270	0.250	0.280	0.260	0.290
Field Test (degrees Celcius)	Temperature	--	--	24.1	40.0	27.5	39.0	23.9	41.7	21.4	37.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.310	0.0870	1.31	0.580	0.540	0.260	0.240	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	--	56600	--	50900	--	58800	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	14.3	--	31.7	--	19.1	--	37.2	--
	Lead	15	MCL	0.200	--	0.220	--	0.150	--	0.270	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone A2

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

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EAL = DOH Environmental Action Level
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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-TOMA4951		A2-TOMA4959		A2-TOMA4966		A2-TOMA4967																															
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																							
				A2-TOMA4951	Residence	4951 Tomahawk Street	A2-TW-0002089-24092-N	2024-09-12	N (Normal)	A2-TW-0002089-24092-N-H	2024-09-12	N (Normal)	A2-TOMA4959	Residence	4959 Tomahawk Street	A2-TW-0000403-24092-N	2024-09-23	N (Normal)	A2-TW-0000403-24092-N-H	2024-09-23	N (Normal)	A2-TOMA4966	Residence	4966 Tomahawk Street	A2-TW-0002096-24092-N	2024-08-27	N (Normal)	A2-TW-0002096-24092-N-H	2024-08-27	N (Normal)	A2-TOMA4967	Residence	4967 Tomahawk Street	A2-TW-0002097-24092-N	2024-09-12	N (Normal)	A2-TW-0002097-24092-N-H	2024-09-12	N (Normal)		
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--		
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	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	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	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	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	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	--	ND	--	ND	--

Summary of Chemistry Results

Zone A2

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

Notes:
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-TOMA4951		A2-TOMA4959		A2-TOMA4966		A2-TOMA4967																		
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:	
				A2-TOMA4951	Residence	4951 Tomahawk Street	A2-TW-0002089-24092-N	2024-09-12	N (Normal)	A2-TOMA4959	Residence	4959 Tomahawk Street	A2-TW-0000403-24092-N	2024-09-23	N (Normal)	A2-TOMA4966	Residence	4966 Tomahawk Street	A2-TW-0002096-24092-N	2024-08-27	N (Normal)	A2-TOMA4967	Residence	4967 Tomahawk Street	A2-TW-0002097-24092-N	2024-09-12	N (Normal)	
							A2-TW-0002089-24092-N-H	2024-09-12	N (Normal)				A2-TW-0000403-24092-N-H	2024-09-23	N (Normal)				A2-TW-0002096-24092-N-H	2024-08-27	N (Normal)				A2-TW-0002097-24092-N-H	2024-09-12	N (Normal)	
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	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	ND	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	--
	Bromoform	--	--	ND	--	0.650	--	ND	ND	--	0.510	--	ND	ND	ND	ND	--	0.430	--	ND	ND	ND	--	0.940	--	ND	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	ND	--	ND	--	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	ND	--	0.540	--	ND	ND	--	0.430	--	ND	ND	ND	ND	--	0.430	--	ND	ND	ND	--	0.940	--	ND	ND	--
	Total Trihalomethanes	80	MCL	ND	--	1.19	--	ND	ND	ND	--	0.940	--	ND	ND	ND	--	0.940	--	ND	ND	ND	--	0.940	--	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 July 2024 - September 2024 from Residences in Zone A2

		Location ID:		A2-VEST5690		A2-VEST5704		A2-WASP4904	
		Location Type:		Residence		Residence		Residence	
		Address:		5690 Vestal Lane		5704 Vestal Lane		4904 Wasp Boulevard	
		Field Sample ID:		A2-TW-0002104-24092-N	A2-TW-0002104-24092-N-H	A2-TW-0002109-24092-N	A2-TW-0002109-24092-N-H	A2-TW-0002112-24092-N	A2-TW-0002112-24092-N-H
		Sample Date:		2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	ND	2.00	ND	41.0	22.0
Field Test (ppb)	Free Chlorine	4000	MCL	160	590	630	530	640	650
Field Test (pH)	pH	--	--	7.33	7.30	6.99	6.99	7.30	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.240	0.260	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.6	39.6	25.5	43.1	27.3	39.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.640	0.580	0.0870	0.00	0.700	0.510
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54300	--	53800	--	55700	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	29.6	--	16.5	--	22.8	--
	Lead	15	MCL	0.160	--	0.230	--	0.220	--
	Mercury	2	MCL	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	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 July 2024 - September 2024 from Residences in Zone A2

		Location ID: A2-VEST5690		A2-VEST5704		A2-WASP4904	
		Residence		Residence		Residence	
		5690 Vestal Lane		5704 Vestal Lane		4904 Wasp Boulevard	
		A2-TW-0002104-24092-N	A2-TW-0002104-24092-N-H	A2-TW-0002109-24092-N	A2-TW-0002109-24092-N-H	A2-TW-0002112-24092-N	A2-TW-0002112-24092-N-H
		2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	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 July 2024 - September 2024 from Residences in Zone A2

		Location ID: A2-VEST5690		A2-VEST5704		A2-WASP4904			
		Residence		Residence		Residence			
		Address: 5690 Vestal Lane		5704 Vestal Lane		4904 Wasp Boulevard			
		Field Sample ID: A2-TW-0002104-24092-N	A2-TW-0002104-24092-N-H	A2-TW-0002109-24092-N	A2-TW-0002109-24092-N-H	A2-TW-0002112-24092-N	A2-TW-0002112-24092-N-H		
		Sample Date: 2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27	2024-08-27		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Trihalomethanes (ppb)	Bromoform	--	--	0.350	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.280	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.630	--	ND	--	ND	--

Summary of Chemistry Results

Zone A2

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

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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 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-0014310-24183-N-1	A2-TW-0014310-24183-N-1-H	A2-TW-0014310-24183-N-2	A2-TW-0014310-24183-N-2-H	A2-TW-0014310-24183-3-N-2	A2-TW-0014310-24183-3-N-2-H	A2-TW-0014310-24214-N-1	A2-TW-0014310-24214-N-1-H
				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-05	2024-08-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	350	580	510	430	--	--	560	160	
Field Test (pH)	pH	--	--	7.23	7.23	7.28	7.31	--	--	7.27	7.39	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240	0.250	--	--	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	25.3	36.7	25.6	40.1	--	--	25.6	32.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.450	0.0310	0.0720	0.0700	--	--	0.00170	0.320	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	--	54000	--	52000	--	56800	--	
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	14.8	--	34.4	--	34.7	--	15.4	--	
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	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 July 2024 - September 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-0014310-24183-N-1	A2-TW-0014310-24183-N-1-H	A2-TW-0014310-24183-N-2	A2-TW-0014310-24183-N-2-H	A2-TW-0014310-24183-3-N-2	A2-TW-0014310-24183-3-N-2-H	A2-TW-0014310-24214-N-1	A2-TW-0014310-24214-N-1-H
				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-05	2024-08-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	--

Summary of Chemistry Results

Zone A2

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

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 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-0014310-24214-N-2	A2-TW-0014310-24214-N-2-H	A2-TW-0014310-24245-N-1	A2-TW-0014310-24245-N-1-H	A2-TW-0014310-24245-N-2	A2-TW-0014310-24245-N-2-H	A2-TW-0014310-24245-3-N-1	A2-TW-0014310-24245-3-N-1-H
				Sample Date:	2024-08-05	2024-08-05	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	184	2.00	232	ND	279	11.0	
Field Test (ppb)	Free Chlorine	4000	MCL	590	370	600	460	540	370	--	--	
Field Test (pH)	pH	--	--	7.34	7.42	7.27	7.18	7.08	7.28	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.260	0.270	0.250	0.270	--	--	
Field Test (degrees Celcius)	Temperature	--	--	25.4	36.4	23.7	39.5	25.6	39.2	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	13.3	0.830	0.450	0.00130	0.00	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57900	--	54300	--	52400	--	53200	--	
	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	29.5	--	18.2	--	37.1	--	17.7	--	
	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	--	
	Acenaphthylene	--	--	--	--	ND	--	ND	--	ND	--	

Summary of Chemistry Results

Zone A2

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Drinking Water Samples Collected in July 2024 - September 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-0014310-24214-N-2	A2-TW-0014310-24214-N-2-H	A2-TW-0014310-24245-N-1	A2-TW-0014310-24245-N-1-H	A2-TW-0014310-24245-N-2	A2-TW-0014310-24245-N-2-H	A2-TW-0014310-24245-3-N-1	A2-TW-0014310-24245-3-N-1-H
				Sample Date:	2024-08-05	2024-08-05	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Anthracene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--	--
	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--	--
	Chrysene	--	--	--	--	ND	--	ND	--	ND	--	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	--	ND	--	--
	Fluorene	--	--	--	--	ND	--	ND	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	ND	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Phenanthrene	--	--	--	--	ND	--	ND	--	ND	--	--
	Pyrene	--	--	--	--	ND	--	ND	--	ND	--	--
	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
1,3,5-Trimethylbenzene		--	--	ND	--	ND	--	ND	--	ND	--	--
Benzene		5	MCL	ND	--	ND	--	ND	--	ND	--	--
Cumene		--	--	--	--	ND	--	ND	--	ND	--	--
Ethylbenzene		700	MCL	ND	--	ND	--	ND	--	ND	--	--
m,p-Xylene		--	--	ND	--	ND	--	ND	--	ND	--	--
n-Butylbenzene		--	--	--	--	ND	--	ND	--	ND	--	--
n-Propylbenzene	--	--	--	--	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 July 2024 - September 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-0014310-24214-N-2	A2-TW-0014310-24214-N-2-H	A2-TW-0014310-24245-N-1	A2-TW-0014310-24245-N-1-H	A2-TW-0014310-24245-N-2	A2-TW-0014310-24245-N-2-H	A2-TW-0014310-24245-3-N-1	A2-TW-0014310-24245-3-N-1-H
				Sample Date:	2024-08-05	2024-08-05	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	sec-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	--

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone A2

		Location ID:		A2-HYD214			A2-HYD39			A2-HYD5-25	
		Location Type:		Hydrant			Hydrant			Hydrant	
		Address:		FH 214			FH 39			FH 5-25	
		Field Sample ID:		A2-DL-0017662-24183	A2-DL-0017662-24214	A2-DL-0017662-24245	A2-DL-0017663-24183	A2-DL-0017663-24214	A2-DL-0017663-24245	A2-DL-0017659-24183	A2-DL-0017659-24214
				-N							
		Sample Date:		2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23
		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	1.00	ND	ND	ND	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	460	290	310	500	590	550	420	340
Field Test (pH)	pH	--	--	7.27	7.20	7.35	7.20	7.26	7.22	7.23	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.260	0.260	0.260	0.250	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	28.3	28.6	28.4	24.6	26.3	25.2	31.0	31.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.680	0.220	1.47	0.0310	0.770	1.48	0.570	1.56
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56900	54900	61800	57000	54400	57500	58600	54200
	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							
	Acenaphthylene	--	--	--	ND	ND	--	ND	ND	--	ND
	Anthracene	--	--	--	ND	ND	--	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0100	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND	--	ND	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	ND
Chrysene	--	--	--	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 July 2024 - September 2024 from Hydrants in Zone A2

		Location ID: A2-HYD214			Location ID: A2-HYD39			Location ID: A2-HYD5-25			
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant			
		Address: FH 214			Address: FH 39			Address: FH 5-25			
		Field Sample ID: A2-DL-0017662-24183	Field Sample ID: A2-DL-0017662-24214	Field Sample ID: A2-DL-0017662-24245	Field Sample ID: A2-DL-0017663-24183	Field Sample ID: A2-DL-0017663-24214	Field Sample ID: A2-DL-0017663-24245	Field Sample ID: A2-DL-0017659-24183	Field Sample ID: A2-DL-0017659-24214		
		-N									
		Sample Date: 2024-07-22	Sample Date: 2024-08-23	Sample Date: 2024-09-23	Sample Date: 2024-07-22	Sample Date: 2024-08-23	Sample Date: 2024-09-23	Sample Date: 2024-07-22	Sample Date: 2024-08-23		
		Sample Type: N (Normal)									
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND	--	ND	ND	--	ND
	Fluorene	--	--	--	ND	ND	--	ND	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	--	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	--	ND	ND	--	ND
	Pyrene	--	--	--	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
	Cumene	--	--	--	ND	ND	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	n-Propylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND							
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.280	0.700	0.990	ND	ND	ND	ND	ND
	Bromoform	--	--	1.10	2.70	4.20	ND	ND	ND	0.420	0.370

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

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Drinking Water Samples Collected in July 2024 - September 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-0017662-24183	A2-DL-0017662-24214	A2-DL-0017662-24245	A2-DL-0017663-24183	A2-DL-0017663-24214	A2-DL-0017663-24245	A2-DL-0017659-24183	A2-DL-0017659-24214
		-N	-N	-N	-N	-N	-N	-N	-N
		2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23
		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						
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.840	2.10	3.00	ND	ND	0.300
	Total Trihalomethanes	80	MCL	2.22	5.50	8.19	ND	ND	0.720

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Drinking Water Samples Collected in July 2024 - September 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-0017659-24214	A2-DL-0017659-24245	A2-DL-0000507-24183	A2-DL-0000507-24214	A2-DL-0000507-24245	A2-DL-0017660-24183	A2-DL-0017660-24214	A2-DL-0017660-24245		
		-3-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-08-23	2024-09-26	2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-09-23		
		Sample Type: FD (Field Duplicate)	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	--	--	1.00	ND	ND	9.00	19.0	ND	4.00	8.00
Field Test (ppb)	Free Chlorine	4000	MCL	--	450	620	600	510	580	550	600
Field Test (pH)	pH	--	--	--	7.26	7.20	7.10	7.12	7.30	7.26	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.270	0.240	0.240	0.260	0.250	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	--	31.6	26.3	24.2	29.1	24.8	25.0	27.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.940	0.360	0.450	1.08	0.630	0.410	0.870
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52900	55900	55700	52200	58000	56600	52900	57300
	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
	Acenaphthylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Anthracene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	--	ND	ND	--	ND	ND
Chrysene	--	--	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)
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Drinking Water Samples Collected in July 2024 - September 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-0017659-24214	A2-DL-0017659-24245	A2-DL-0000507-24183	A2-DL-0000507-24214	A2-DL-0000507-24245	A2-DL-0017660-24183	A2-DL-0017660-24214	A2-DL-0017660-24245		
		-3-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-08-23	2024-09-26	2024-07-22	2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-09-23		
		Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Fluorene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Pyrene	--	--	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
	Cumene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	n-Propylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	tert-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.420	0.480	0.340	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 July 2024 - September 2024 from Hydrants in Zone A2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A2-HYD5-25			A2-HYD543			A2-HYD6-2																		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type																
				A2-DL-0017659-24214 -3-N	2024-08-23	FD (Field Duplicate)	A2-DL-0017659-24245 -N	2024-09-26	N (Normal)	A2-DL-0000507-24183 -N	2024-07-22	N (Normal)	A2-DL-0000507-24214 -N	2024-08-23	N (Normal)	A2-DL-0000507-24245 -N	2024-09-23	N (Normal)	A2-DL-0017660-24183 -N	2024-07-22	N (Normal)	A2-DL-0017660-24214 -N	2024-08-23	N (Normal)	A2-DL-0017660-24245 -N	2024-09-23	N (Normal)	
				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				0.320	0.340	0.260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
				0.740	0.820	0.600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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 Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone A2

		A2-HYD7-13				A2-HYD7-4			A2-HYD812		
		Hydrant				Hydrant			Hydrant		
		FH 7-13				FH 7-4			FH 812		
		A2-DL-0017655-24183	A2-DL-0017655-24214	A2-DL-0017655-24214	A2-DL-0017655-24245	A2-DL-0017658-24183	A2-DL-0017658-24214	A2-DL-0017658-24245	A2-DL-0017661-24183		
		-N	-N	-3-N	-N	-N	-N	-N	-N		
		2024-07-22	2024-08-23	2024-08-23	2024-09-12	2024-07-22	2024-08-23	2024-09-12	2024-07-22		
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent		
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	1.00	3.00	2.00	ND	6.00	6.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510	600	--	450	430	640	550	440
Field Test (pH)	pH	--	--	7.35	7.36	--	7.25	7.31	7.52	7.26	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	--	0.260	0.230	0.220	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.3	24.2	--	27.2	25.6	25.3	24.8	30.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.920	0.750	--	0.300	0.900	0.510	0.780	0.650
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	54000	55300	56100	57000	53600	57800	56900
	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
	Acenaphthylene	--	--	--	ND	ND	ND	--	ND	ND	--
	Anthracene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	0.0180	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(g,h,i)perylene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(k)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
Chrysene	--	--	--	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 July 2024 - September 2024 from Hydrants in Zone A2

		A2-HYD7-13				A2-HYD7-4			A2-HYD812		
		Hydrant				Hydrant			Hydrant		
		FH 7-13				FH 7-4			FH 812		
		A2-DL-0017655-24183	A2-DL-0017655-24214	A2-DL-0017655-24214	A2-DL-0017655-24245	A2-DL-0017658-24183	A2-DL-0017658-24214	A2-DL-0017658-24245	A2-DL-0017661-24183		
		-N	-N	-3-N	-N	-N	-N	-N	-N		
		2024-07-22	2024-08-23	2024-08-23	2024-09-12	2024-07-22	2024-08-23	2024-09-12	2024-07-22		
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND	ND	--	ND	ND	--
	Fluorene	--	--	--	ND	ND	ND	--	ND	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	ND	--	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	ND	--	ND	ND	--
	Pyrene	--	--	--	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
	Cumene	--	--	--	ND	ND	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	n-Propylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	tert-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	0.830	ND	ND	ND	0.630

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 July 2024 - September 2024 from Hydrants in Zone A2

		A2-HYD7-13				A2-HYD7-4			A2-HYD812	
		Hydrant				Hydrant			Hydrant	
		FH 7-13				FH 7-4			FH 812	
		A2-DL-0017655-24183	A2-DL-0017655-24214	A2-DL-0017655-24214	A2-DL-0017655-24245	A2-DL-0017658-24183	A2-DL-0017658-24214	A2-DL-0017658-24245	A2-DL-0017661-24183	
		-N	-N	-3-N	-N	-N	-N	-N	-N	
		2024-07-22	2024-08-23	2024-08-23	2024-09-12	2024-07-22	2024-08-23	2024-09-12	2024-07-22	
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.290	ND	ND	0.390
	Total Trihalomethanes	80	MCL	ND	ND	ND	1.12	ND	ND	1.02

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 July 2024 - September 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-0017661-24214	A2-DL-0017661-24245	A2-DL-0017657-24183	A2-DL-0017657-24214	A2-DL-0017657-24214	A2-DL-0017657-24245	A2-DL-0017656-24183	A2-DL-0017656-24214		
		-N	-N	-N	-N	-3-N	-N	-N	-N		
		Sample Date: 2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-08-23	2024-09-12	2024-07-22	2024-08-23		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	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	Absent		
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	20.0	15.0	ND	1.00	3.00	2.00	ND	36.0
Field Test (ppb)	Free Chlorine	4000	MCL	450	450	560	470	--	540	260	270
Field Test (pH)	pH	--	--	7.29	7.23	7.41	7.33	--	7.27	7.37	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.240	0.240	--	0.270	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	29.7	33.7	26.9	26.2	--	29.8	29.3	29.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.17	1.71	0.00	0.240	--	3.20	0.00	0.190
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52400	58500	56900	53300	55600	54600	55600	52800
	Total Organic Carbon	--	--	300	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
	Acenaphthylene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Anthracene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Benzo(k)fluoranthene	--	--	ND	ND	--	ND	ND	ND	--	ND
Chrysene	--	--	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 July 2024 - September 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	
				Hydrant	Hydrant	Hydrant		Hydrant			
				FH 812		FH 84				FH Z-16	
				A2-DL-0017661-24214	A2-DL-0017661-24245	A2-DL-0017657-24183	A2-DL-0017657-24214	A2-DL-0017657-24214	A2-DL-0017657-24245	A2-DL-0017656-24183	A2-DL-0017656-24214
				-N	-N	-N	-N	-3-N	-N	-N	-N
				2024-08-23	2024-09-23	2024-07-22	2024-08-23	2024-08-23	2024-09-12	2024-07-22	2024-08-23
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Fluorene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	--	ND	ND	ND	--	ND
	Pyrene	--	--	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	--	--
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
Cumene		--	--	ND	ND	--	ND	ND	ND	--	ND
Ethylbenzene		700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene		--	--	ND	ND	--	ND	ND	ND	--	ND
n-Propylbenzene		--	--	ND	ND	--	ND	ND	ND	--	ND
o-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene		--	--	ND	ND	--	ND	ND	ND	--	ND
tert-Butylbenzene		--	--	ND	ND	--	ND	ND	ND	--	ND
Toluene		1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total		10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	0.360	0.550
	Bromoform	--	--	0.860	0.660	0.310	ND	ND	0.380	2.80	2.90

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 July 2024 - September 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												
				A2-DL-0017661-24214 -N	2024-08-23	A2-DL-0017661-24245 -N	2024-09-23	A2-DL-0017657-24183 -N	2024-07-22	A2-DL-0017657-24214 -N	2024-08-23	A2-DL-0017657-24214 -3-N	2024-08-23	A2-DL-0017657-24245 -N	2024-09-12	A2-DL-0017656-24183 -N	2024-07-22	A2-DL-0017656-24214 -N	2024-08-23
				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)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.490	0.430	ND	ND	ND	ND	ND	0.270	1.30	1.60						
	Total Trihalomethanes	80	MCL	1.35	1.09	0.310	ND	ND	ND	ND	0.650	4.46	5.05						

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 July 2024 - September 2024 from Hydrants in Zone A2

		Location ID:	A2-HYDZ-16	
		Location Type:	Hydrant	
		Address:	FH Z-16	
		Field Sample ID:	A2-DL-0017656-24245 -N	
		Sample Date:	2024-09-12	
		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	--	--	35.0
Field Test (ppb)	Free Chlorine	4000	MCL	110
Field Test (pH)	pH	--	--	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.280
Field Test (degrees Celcius)	Temperature	--	--	30.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.23
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58700
	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
	Acenaphthylene	--	--	ND
	Anthracene	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Benzo(b)fluoranthene	--	--	ND
	Benzo(g,h,i)perylene	--	--	ND
	Benzo(k)fluoranthene	--	--	ND
Chrysene	--	--	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 July 2024 - September 2024 from Hydrants in Zone A2

		Location ID:	A2-HYDZ-16
		Location Type:	Hydrant
		Address:	FH Z-16
		Field Sample ID:	A2-DL-0017656-24245 -N
		Sample Date:	2024-09-12
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--
	Fluorene	--	--
	Indeno(1,2,3-c,d)pyrene	--	--
	Naphthalene	--	--
	Phenanthrene	--	--
	Pyrene	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--
	1,2-Dibromoethane (EDB)	--	--
	1,3,5-Trimethylbenzene	--	--
	2-(2-Methoxy ethoxy)ethanol	--	--
	Benzene	5	MCL
	Cumene	--	--
	Ethylbenzene	700	MCL
	m,p-Xylene	--	--
	n-Butylbenzene	--	--
	n-Propylbenzene	--	--
	o-Xylene	--	--
	sec-Butylbenzene	--	--
	tert-Butylbenzene	--	--
	Toluene	1000	MCL
Xylenes, Total	10000	MCL	
Trihalomethanes (ppb)	Bromodichloromethane	--	--
	Bromoform	--	--

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)
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone A2

		Location ID:	A2-HYDZ-16
		Location Type:	Hydrant
		Address:	FH Z-16
		Field Sample ID:	A2-DL-0017656-24245 -N
		Sample Date:	2024-09-12
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Trihalomethanes (ppb)	Chloroform	--	--
	Dibromochloromethane	--	--
	Total Trihalomethanes	80	MCL
			ND
			1.60
			4.70

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
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone A2

		Location ID: A2-BLDG0055		Medical Building			
		Location Type: Medical Building		Building 55,BARRACKS EM			
		Address: Building 55,BARRACKS EM					
		Field Sample ID:		A2-TW-0014271-24214-N	A2-TW-0014271-24214-N-H	A2-TW-0014271-24245-N	A2-TW-0014271-24245-N-H
		Sample Date:		2024-08-27	2024-08-27	2024-09-06	2024-09-06
		Sample Type:		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	--	--	28.0	300	73.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	60.0	90.0	40.0
Field Test (pH)	pH	--	--	7.46	8.22	7.47	8.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.280	0.310
Field Test (degrees Celcius)	Temperature	--	--	26.5	35.5	25.4	43.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.730	0.450	0.00820	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55800	--	57000	--
	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	56.8	--	69.4	--
	Lead	15	MCL	0.300	--	0.360	--
	Mercury	2	MCL	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--
	Anthracene	--	--	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 July 2024 - September 2024 from Other Buildings in Zone A2

				Location ID: A2-BLDG0055				
				Location Type: Medical Building				
				Address: Building 55,BARRACKS EM				
				Field Sample ID:	A2-TW-0014271-24214-N	A2-TW-0014271-24214-N-H	A2-TW-0014271-24245-N	A2-TW-0014271-24245-N-H
				Sample Date:	2024-08-27	2024-08-27	2024-09-06	2024-09-06
				Sample Type:	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	--	
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	
	Chrysene	--	--	ND	--	ND	--	
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	
	Fluorene	--	--	ND	--	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	
	Phenanthrene	--	--	ND	--	ND	--	
	Pyrene	--	--	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	
	Benzene	5	MCL	ND	--	ND	--	
	Cumene	--	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	--	
	n-Butylbenzene	--	--	ND	--	ND	--	
	n-Propylbenzene	--	--	ND	--	ND	--	
	o-Xylene	--	--	ND	--	ND	--	
sec-Butylbenzene	--	--	ND	--	ND	--		

Summary of Chemistry Results

Zone A2

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				Location ID: A2-BLDG0055				
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				Address: Building 55,BARRACKS EM				
				Field Sample ID:	A2-TW-0014271-24214-N	A2-TW-0014271-24214-N-H	A2-TW-0014271-24245-N	A2-TW-0014271-24245-N-H
				Sample Date:	2024-08-27	2024-08-27	2024-09-06	2024-09-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	--
	Bromoform	--	--	2.10	--	2.10	--	--
	Chloroform	--	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	0.300	--	0.350	--	--
	Total Trihalomethanes	80	MCL	2.40	--	2.45	--	--