

**Summary of Chemistry Results**

**Zone F1**

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

<b>Notes:</b>
ND = Not Detected
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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 October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-ASHE4001	F1-BENN5514	F1-BENN5555		F1-BENN5556			
				Location Type:	Residence	Residence	Residence		Residence			
				Address:	4001 Asher Court	5514 Bennion Drive	5555 Bennion Drive		5556 Bennion Drive			
				Field Sample ID:	F1-TW-0008946-24092-N	F1-TW-0008971-24331-N	F1-TW-0008599-24092-N	F1-TW-0008599-24092-N-H	F1-TW-0000309-24092-N	F1-TW-0000309-24092-N-H	F1-TW-0000309-24092-3-N	F1-TW-0000309-24092-3-N-H
				Sample Date:	2024-12-26	2024-12-20	2024-10-17	2024-10-17	2024-10-16	2024-10-16	2024-10-16	2024-10-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	--	--	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	6.00	7.00	8.00	281	19.0	131
Field Test (ppb)	Free Chlorine	4000	MCL	760	680	650	320	620	500	--	--	--
Field Test (pH)	pH	--	--	7.22	7.23	7.37	7.66	7.41	7.41	--	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.290	0.260	0.260	--	--	--
Field Test (degrees Celcius)	Temperature	--	--	21.9	26.3	24.1	41.0	25.4	30.7	--	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.0130	0.00	0.00	0.00	--	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65100	61100	55300	--	57900	--	56900	--	--
	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	18.1	18.1	30.7	--	31.9	--	33.0	--	--
	Lead	15	MCL	ND	ND	ND	--	0.260	--	0.270	--	--
	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	--	--
	Acenaphthylene	--	--	ND	ND	ND	--	ND	--	ND	--	--
	Anthracene	--	--	ND	ND	ND	--	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	--	ND	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-ASHE4001	F1-BENN5514	F1-BENN5555		F1-BENN5556			
				Location Type:	Residence	Residence	Residence		Residence			
				Address:	4001 Asher Court	5514 Bennion Drive	5555 Bennion Drive		5556 Bennion Drive			
				Field Sample ID:	F1-TW-0008946-24092-N	F1-TW-0008971-24331-N	F1-TW-0008599-24092-N	F1-TW-0008599-24092-N-H	F1-TW-0000309-24092-N	F1-TW-0000309-24092-N-H	F1-TW-0000309-24092-3-N	F1-TW-0000309-24092-3-N-H
				Sample Date:	2024-12-26	2024-12-20	2024-10-17	2024-10-17	2024-10-16	2024-10-16	2024-10-16	2024-10-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Synthetic Organic Compounds (ppb)	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	--	
	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	--	
	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	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	--	ND	--	ND	--	
	Cumene	--	--	ND	ND	ND	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	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	--	
	sec-Butylbenzene	--	--	ND	ND	ND	--	ND	--	ND	--	
	tert-Butylbenzene	--	--	ND	ND	ND	--	ND	--	ND	--	
	Toluene	1000	MCL	ND	ND	ND	--	ND	--	ND	--	

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				Location Type:	Residence	Residence	Residence		Residence			
				Address:	4001 Asher Court	5514 Bennion Drive	5555 Bennion Drive		5556 Bennion Drive			
				Field Sample ID:	F1-TW-0008946-24092-N	F1-TW-0008971-24331-N	F1-TW-0008599-24092-N	F1-TW-0008599-24092-N-H	F1-TW-0000309-24092-N	F1-TW-0000309-24092-N-H	F1-TW-0000309-24092-3-N	F1-TW-0000309-24092-3-N-H
				Sample Date:	2024-12-26	2024-12-20	2024-10-17	2024-10-17	2024-10-16	2024-10-16	2024-10-16	2024-10-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	--	ND	--	
	Bromoform	--	--	0.300	ND	0.470	--	ND	--	0.440	--	
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	0.300	ND	0.440	--	0.430	--	0.380	--	
	Total Trihalomethanes	80	MCL	0.600	ND	0.910	--	0.430	--	0.820	--	

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-BENN5623		F1-CAKO4514		F1-CAKO4516		F1-FLAH4327
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F1-BENN5572	F1-BENN5623	F1-BENN5623	F1-CAKO4514	F1-CAKO4514	F1-CAKO4516	F1-CAKO4516	F1-FLAH4327
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				5572 Bennion Drive	5623 Bennion Court	5623 Bennion Court	4514 Cakon Place	4514 Cakon Place	4516 Cakon Place	4516 Cakon Place	4327 Flaherty Circle
				F1-TW-0008613-24092-N	F1-TW-0008718-24092-N	F1-TW-0008718-24092-N-H	F1-TW-0008737-24092-N	F1-TW-0008737-24092-N-H	F1-TW-0008739-24092-N	F1-TW-0008739-24092-N-H	F1-TW-0009200-24092-N
				2024-11-15	2024-10-30	2024-10-30	2024-10-04	2024-10-04	2024-10-18	2024-10-18	2024-10-04
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	45.0	51.0	165	234	11.0	ND	11.0
Field Test (ppb)	Free Chlorine	4000	MCL	500	990	790	630	520	750	220	650
Field Test (pH)	pH	--	--	7.37	7.02	7.17	7.33	7.46	7.29	7.42	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.300	0.260	0.270	0.280	0.290	0.250
Field Test (degrees Celcius)	Temperature	--	--	26.7	23.6	40.4	27.2	41.1	31.7	46.5	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.500	0.0910	0.00	1.07	0.890	0.950	1.24	1.13
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58100	57400	--	54600	--	55000	--	57700
	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	42.2	40.1	--	32.4	--	76.1	--	38.8
	Lead	15	MCL	ND	ND	--	ND	--	0.170	--	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
	Acenaphthylene	--	--	ND	ND	--	ND	--	ND	--	ND
	Anthracene	--	--	ND	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	--	ND	--	ND

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				F1-BENN5572	Residence		Residence		Residence		Residence	
				5572 Bennion Drive	5623 Bennion Court		4514 Cakon Place		4516 Cakon Place		4327 Flaherty Circle	
				Field Sample ID:	F1-TW-0008613-24092-N	F1-TW-0008718-24092-N	F1-TW-0008718-24092-N-H	F1-TW-0008737-24092-N	F1-TW-0008737-24092-N-H	F1-TW-0008739-24092-N	F1-TW-0008739-24092-N-H	F1-TW-0009200-24092-N
				Sample Date:	2024-11-15	2024-10-30	2024-10-30	2024-10-04	2024-10-04	2024-10-18	2024-10-18	2024-10-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	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	
	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	
	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	
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND	
	Benzene	5	MCL	ND	ND	--	ND	--	ND	--	ND	
	Cumene	--	--	ND	ND	--	ND	--	ND	--	ND	
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	--	ND	
	m,p-Xylene	--	--	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	
	sec-Butylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND	
	tert-Butylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND	
Toluene	1000	MCL	ND	ND	--	ND	--	ND	--	ND		

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				F1-BENN5572	Residence		Residence		Residence		Residence	
				5572 Bennion Drive	5623 Bennion Court		4514 Cakon Place		4516 Cakon Place		4327 Flaherty Circle	
				Field Sample ID:	F1-TW-0008613-24092-N	F1-TW-0008718-24092-N	F1-TW-0008718-24092-N-H	F1-TW-0008737-24092-N	F1-TW-0008737-24092-N-H	F1-TW-0008739-24092-N	F1-TW-0008739-24092-N-H	F1-TW-0009200-24092-N
				Sample Date:	2024-11-15	2024-10-30	2024-10-30	2024-10-04	2024-10-04	2024-10-18	2024-10-18	2024-10-04
				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	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--	ND	--	ND	
	Bromoform	--	--	0.410	0.310	--	0.440	--	0.530	--	ND	
	Chloroform	--	--	ND	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	0.320	0.300	--	0.330	--	0.380	--	ND	
	Total Trihalomethanes	80	MCL	0.730	0.610	--	0.770	--	0.910	--	ND	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-FLAH4327	F1-FLAH4337	F1-FUQU5319		F1-JONE4809	F1-JONE4815		F1-KIDD4907
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					4327 Flaherty Circle	4337 Flaherty Circle	5319 Fuqua Street		4809 Jones Court	4815 Jones Court		4907 Kidd Court
					F1-TW-0009200-24092-N-H	F1-TW-0000289-24092-N	F1-TW-0008771-24092-N	F1-TW-0008771-24092-N-H	F1-TW-0008779-24092-N	F1-TW-0008785-24092-N	F1-TW-0008785-24092-3-N	F1-TW-0000333-24092-N
					2024-10-04	2024-12-13	2024-10-16	2024-10-16	2024-12-12	2024-12-13	2024-12-13	2024-10-04
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	--	--	--	--	Absent
	E. coli	--	--	--	--	--	Absent	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	3.00	--	--	2.00	25.0	--	--	--	3.00
Field Test (ppb)	Free Chlorine	4000	MCL	380	530	900	620	670	630	--	--	560
Field Test (pH)	pH	--	--	7.33	7.36	7.29	7.30	7.14	7.29	--	--	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.260	0.270	0.240	0.230	--	--	0.260
Field Test (degrees Celcius)	Temperature	--	--	49.0	26.6	26.4	38.1	24.8	26.7	--	--	27.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.89	0.00	0.670	0.250	0.120	0.300	--	--	0.480
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57500	58000	--	58600	57900	57700	--	56500
	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	--	53.8	19.8	--	28.5	21.3	22.2	--	25.4
	Lead	15	MCL	--	ND	ND	--	0.380	ND	0.130	--	0.150
	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
	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

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-FLAH4327	F1-FLAH4337	F1-FUQU5319		F1-JONE4809	F1-JONE4815		F1-KIDD4907
				Location Type:	Residence	Residence	Residence		Residence	Residence		Residence
				Address:	4327 Flaherty Circle	4337 Flaherty Circle	5319 Fuqua Street		4809 Jones Court	4815 Jones Court		4907 Kidd Court
				Field Sample ID:	F1-TW-0009200-24092-N-H	F1-TW-0000289-24092-N	F1-TW-0008771-24092-N	F1-TW-0008771-24092-N-H	F1-TW-0008779-24092-N	F1-TW-0008785-24092-N	F1-TW-0008785-24092-3-N	F1-TW-0000333-24092-N
				Sample Date:	2024-10-04	2024-12-13	2024-10-16	2024-10-16	2024-12-12	2024-12-13	2024-12-13	2024-10-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Pyrene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	--	ND	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	--	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
	n-Butylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	ND	ND	--	ND	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-FLAH4327	F1-FLAH4337	F1-FUQU5319	F1-JONE4809	F1-JONE4815	F1-KIDD4907	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	4327 Flaherty Circle	4337 Flaherty Circle	5319 Fuqua Street	4809 Jones Court	4815 Jones Court	4907 Kidd Court	
				Field Sample ID:	F1-TW-0009200-24092-N-H	F1-TW-0000289-24092-N	F1-TW-0008771-24092-N	F1-TW-0008771-24092-N	F1-TW-0008785-24092-N	F1-TW-0008785-24092-3-N	F1-TW-0000333-24092-N
				Sample Date:	2024-10-04	2024-12-13	2024-10-16	2024-10-16	2024-12-13	2024-12-13	2024-10-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	ND	--	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	--	ND	ND	ND	
	Bromoform	--	--	--	0.380	0.400	--	ND	ND	ND	
	Chloroform	--	--	--	ND	ND	--	ND	ND	ND	
	Dibromochloromethane	--	--	--	0.370	0.410	--	ND	ND	ND	
	Total Trihalomethanes	80	MCL	--	0.750	0.810	--	ND	ND	ND	

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-KIDD4907		F1-KIDD4918	F1-KIDD4921	F1-KIDD5030	F1-MCMO5405		
				Location ID:	Location Type:	Address:	Residence	Residence	Residence	Residence	Residence
				F1-TW-0000333-24092-N-H	F1-TW-0000333-24092-3-N	F1-TW-0000333-24092-3-N-H	F1-TW-0008796-24092-N	F1-TW-0008799-24092-N	F1-TW-0008827-24092-N	F1-TW-0000353-24092-N	F1-TW-0000353-24092-N-H
				2024-10-04	2024-10-04	2024-10-04	2024-12-26	2024-11-15	2024-12-16	2024-10-16	2024-10-16
				N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)				
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	--	Absent	--
	E. coli	--	--	--	Absent	--	--	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	2.00	2.00	--	--	--	2.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	430	--	--	620	280	700	720	400
Field Test (pH)	pH	--	--	7.33	--	--	7.17	7.33	7.26	7.39	7.59
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	--	--	0.250	0.250	0.250	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	46.5	--	--	22.9	26.7	24.4	25.5	37.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.760	--	--	0.0580	0.390	0.00	0.00	0.190
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57000	--	66500	59700	57600	55900	--
	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	--	25.0	--	27.3	52.9	28.5	31.0	--
	Lead	15	MCL	--	0.140	--	ND	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	--
	Acenaphthylene	--	--	--	ND	--	ND	ND	ND	ND	--
	Anthracene	--	--	--	ND	--	ND	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	ND	ND	ND	--

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-KIDD4907		F1-KIDD4918	F1-KIDD4921	F1-KIDD5030	F1-MCMO5405		
				Location Type: Residence	Address: 4907 Kidd Court	Residence	Residence	Residence	Residence	Residence	
				Field Sample ID: F1-TW-0000333-24092-N-H	Field Sample ID: F1-TW-0000333-24092-3-N	Field Sample ID: F1-TW-0000333-24092-3-N-H	Field Sample ID: F1-TW-0008796-24092-N	Field Sample ID: F1-TW-0008799-24092-N	Field Sample ID: F1-TW-0008827-24092-N	Field Sample ID: F1-TW-0000353-24092-N	Field Sample ID: F1-TW-0000353-24092-N-H
				Sample Date: 2024-10-04	Sample Date: 2024-10-04	Sample Date: 2024-10-04	Sample Date: 2024-12-26	Sample Date: 2024-11-15	Sample Date: 2024-12-16	Sample Date: 2024-10-16	Sample Date: 2024-10-16
				Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)				
Synthetic Organic Compounds (ppb)	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	--
	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	--
	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	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	ND	--
	Benzene	5	MCL	--	ND	--	ND	ND	ND	ND	--
	Cumene	--	--	--	ND	--	ND	ND	ND	ND	--
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	ND	ND	--
	m,p-Xylene	--	--	--	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	--
	sec-Butylbenzene	--	--	--	ND	--	ND	ND	ND	ND	--
	tert-Butylbenzene	--	--	--	ND	--	ND	ND	ND	ND	--
Toluene	1000	MCL	--	ND	--	ND	ND	ND	ND	--	

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-KIDD4907		F1-KIDD4918	F1-KIDD4921	F1-KIDD5030	F1-MCMO5405		
				Residence		Residence	Residence	Residence	Residence		
				4907 Kidd Court		4918 Kidd Court	4921 Kidd Court	5030 Kidd Street	5405 McMorris Drive		
				F1-TW-0000333-24092-N-H	F1-TW-0000333-24092-3-N	F1-TW-0000333-24092-3-N-H	F1-TW-0008796-24092-N	F1-TW-0008799-24092-N	F1-TW-0008827-24092-N	F1-TW-0000353-24092-N	F1-TW-0000353-24092-N-H
				2024-10-04	2024-10-04	2024-10-04	2024-12-26	2024-11-15	2024-12-16	2024-10-16	2024-10-16
				N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)				
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	ND	ND	ND	--
	Bromoform	--	--	--	ND	--	ND	ND	0.300	0.380	--
	Chloroform	--	--	--	ND	--	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	--	ND	--	0.280	ND	0.260	0.400	--
	Total Trihalomethanes	80	MCL	--	ND	--	0.280	ND	0.560	0.780	--



**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MCMO5429		F1-MCMO5434		F1-MORE3003		F1-MORE3009																					
				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:				
				F1-MCMO5429	Residence	5429 McMorris Drive	F1-TW-0008852-24092-N	2024-10-30	N (Normal)	F1-MCMO5434	Residence	5434 McMorris Drive	F1-TW-0008857-24092-N	2024-10-18	N (Normal)	F1-MORE3003	Residence	3003 Moreell Circle	F1-TW-0008981-24092-N	2024-10-30	N (Normal)	F1-MORE3009	Residence	3009 Moreell Circle	F1-TW-0008984-24092-N	2024-12-13	N (Normal)	F1-TW-0008984-24092-3-N	2024-12-13	FD (Field Duplicate)	
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	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	--
	Benzo(k)fluoranthene	--	--	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	--
	Dibenz(a,h)anthracene	--	--	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	--
	Indeno(1,2,3-c,d)pyrene	--	--	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	--
	Phenanthrene	--	--	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	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	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	--
	Benzene	5	MCL	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	--
	Ethylbenzene	700	MCL	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	--
	n-Butylbenzene	--	--	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	--
	o-Xylene	--	--	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	--
	tert-Butylbenzene	--	--	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	--

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MCMO5429		F1-MCMO5434		F1-MORE3003		F1-MORE3009	
				Location ID:	Location Type:						
				Residence		Residence		Residence		Residence	
				5429 McMorris Drive		5434 McMorris Drive		3003 Moreell Circle		3009 Moreell Circle	
				F1-TW-0008852-24092-N	F1-TW-0008852-24092-N-H	F1-TW-0008857-24092-N	F1-TW-0008857-24092-N-H	F1-TW-0008981-24092-N	F1-TW-0008981-24092-N-H	F1-TW-0008984-24092-N	F1-TW-0008984-24092-3-N
				2024-10-30	2024-10-30	2024-10-18	2024-10-18	2024-10-30	2024-10-30	2024-12-13	2024-12-13
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	--	0.400	0.420
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.280	--	0.390	--	0.280	--	0.360	0.350
	Total Trihalomethanes	80	MCL	0.280	--	0.390	--	0.280	--	0.760	0.770

**Summary of Chemistry Results**  
**Zone F1**  
**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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-- = No Information Available
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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3011		F1-MORE3015	F1-MORE3021		F1-MORE3116		F1-MORE3301
				Residence	Residence	Residence	Residence	Residence	Residence		
				3011 Moreell Circle		3015 Moreell Circle	3021 Moreell Circle		3116 Moreell Drive		3301 Moreell Street
				F1-TW-0008985-24092-N	F1-TW-0008985-24092-N-H	F1-TW-0008987-24092-N	F1-TW-0008990-24092-N	F1-TW-0008990-24092-N-H	F1-TW-0009004-24092-N	F1-TW-0009004-24092-N-H	F1-TW-0000303-24092-N
				2024-10-31	2024-10-31	2024-12-26	2024-10-17	2024-10-17	2024-10-17	2024-10-17	2024-11-18
				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	--	--
	E. coli	--	--	Absent	--	--	Absent	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	1.00	--	1.00	ND	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	1030	550	800	470	380	770	410	710
Field Test (pH)	pH	--	--	7.42	7.41	7.30	7.30	7.36	7.30	7.33	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.310	0.260	0.280	0.280	0.260	0.280	0.270
Field Test (degrees Celcius)	Temperature	--	--	21.8	46.6	22.3	26.8	47.0	28.6	48.1	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.0800	0.00	0.380	0.350	1.14	0.930	3.05
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	--	67900	55600	--	57900	--	56800
	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	34.6	--	33.5	32.8	--	54.9	--	43.9
	Lead	15	MCL	ND	--	0.270	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
	Acenaphthylene	--	--	ND	--	ND	ND	--	ND	--	ND
	Anthracene	--	--	ND	--	ND	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	--	ND	--	ND

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3011		F1-MORE3015		F1-MORE3021		F1-MORE3116		F1-MORE3301											
				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:
Synthetic Organic Compounds (ppb)	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											
	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											
	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											
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	--	ND	--	ND											
	Benzene	5	MCL	ND	--	ND	ND	ND	--	ND	--	ND											
	Cumene	--	--	ND	--	ND	ND	ND	--	ND	--	ND											
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	--	ND	--	ND											
	m,p-Xylene	--	--	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											
	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											

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3011 Residence 3011 Moreell Circle		F1-MORE3015 Residence 3015 Moreell Circle		F1-MORE3021 Residence 3021 Moreell Circle		F1-MORE3116 Residence 3116 Moreell Drive		F1-MORE3301 Residence 3301 Moreell Street							
				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	Field Sample ID	Sample Date				
				F1-TW-0008985-24092-N	2024-10-31	F1-TW-0008985-24092-N-H	2024-10-31	F1-TW-0008987-24092-N	2024-12-26	F1-TW-0008990-24092-N	2024-10-17	F1-TW-0008990-24092-N-H	2024-10-17	F1-TW-0009004-24092-N	2024-10-17	F1-TW-0009004-24092-N-H	2024-10-17	F1-TW-0000303-24092-N	2024-11-18
				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	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	0.500	--	0.340	0.400	0.400	0.400	--	0.460	--	0.460	--	0.460	--	0.460	--	0.490
	Chloroform	--	--	ND	--	ND	ND	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	0.530	--	0.310	0.440	0.440	0.440	--	0.420	--	0.420	--	0.420	--	0.420	--	0.390
	Total Trihalomethanes	80	MCL	1.03	--	0.650	0.840	0.840	0.840	--	0.880	--	0.880	--	0.880	--	0.880	--	0.880

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3306		F1-MORE3312				F1-PHAR4307	F1-PHAR4312
				Residence 3306 Moreell Street		Residence 3312 Moreell Street				Residence 4307 Pharris Place	Residence 4312 Pharris Place
				Field Sample ID: F1-TW-0009032-24092-N	Field Sample ID: F1-TW-0009032-24092-N-H	Field Sample ID: F1-TW-0009036-24092-N	Field Sample ID: F1-TW-0009036-24092-N-H	Field Sample ID: F1-TW-0009036-24092-3-N	Field Sample ID: F1-TW-0009036-24092-3-N-H	Field Sample ID: F1-TW-0009045-24331-N	Field Sample ID: F1-TW-0009050-24092-N
				Sample Date: 2024-10-16	Sample Date: 2024-10-16	Sample Date: 2024-10-30	Sample Date: 2024-10-30	Sample Date: 2024-10-30	Sample Date: 2024-10-30	Sample Date: 2024-12-12	Sample Date: 2024-12-13
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	--	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	ND	2.00	4.00	3.00	ND	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	820	320	990	760	--	--	510	590
Field Test (pH)	pH	--	--	7.33	7.57	7.35	7.41	--	--	7.34	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.280	0.300	--	--	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	29.2	34.9	24.1	37.8	--	--	23.1	27.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.680	0.550	0.00	0.00	--	--	0.000430	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600	--	58800	--	57300	--	59000	57600
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	23.2	--	27.5	--	26.1	--	83.9	26.5
	Lead	15	MCL	ND	--	ND	--	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
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	ND
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	ND

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3306		F1-MORE3312				F1-PHAR4307	F1-PHAR4312
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				F1-TW-0009032-24092-N	F1-TW-0009032-24092-N-H	F1-TW-0009036-24092-N	F1-TW-0009036-24092-N-H	F1-TW-0009036-24092-3-N	F1-TW-0009036-24092-3-N-H	F1-TW-0009045-24331-N	F1-TW-0009050-24092-N
				2024-10-16	2024-10-16	2024-10-30	2024-10-30	2024-10-30	2024-10-30	2024-12-12	2024-12-13
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	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
	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
	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
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	ND
	Cumene	--	--	ND	--	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	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
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	ND

**Summary of Chemistry Results**

**Zone F1**

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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3306		F1-MORE3312				F1-PHAR4307	F1-PHAR4312
				Residence	Residence	Residence		Residence		Residence	Residence
				3306 Moreell Street		3312 Moreell Street				4307 Pharris Place	4312 Pharris Place
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	0.480	--	ND	--	0.300	--	ND	0.300
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.460	--	0.330	--	0.340	--	ND	0.290
	Total Trihalomethanes	80	MCL	0.940	--	0.330	--	0.640	--	ND	0.590

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**Zone F1**  
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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-ROOD4139 Residence 4139 Rood Court		F1-SCOT4603 Residence 4603 Scott Loop		F1-TAYL3413 Residence 3413 Taylor Street	F1-TAYL3438 Residence 3438 Taylor Street	F1-TAYL3454 Residence 3454 Taylor Street	
				Field Sample ID: F1-TW-0000323-24092-N	Field Sample ID: F1-TW-0000323-24092-N-H	Field Sample ID: F1-TW-0000328-24092-N	Field Sample ID: F1-TW-0000328-24092-N-H	Field Sample ID: F1-TW-0009156-24092-N	Field Sample ID: F1-TW-0008549-24092-N	Field Sample ID: F1-TW-0008556-24092-N	Field Sample ID: F1-TW-0008556-24092-N-H
				Sample Date: 2024-10-18	Sample Date: 2024-10-18	Sample Date: 2024-10-30	Sample Date: 2024-10-30	Sample Date: 2024-12-13	Sample Date: 2024-11-15	Sample Date: 2024-10-16	Sample Date: 2024-10-16
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	--	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	205	ND	7.00	2.00	--	--	14.0	13.0
Field Test (ppb)	Free Chlorine	4000	MCL	580	530	910	660	700	630	670	660
Field Test (pH)	pH	--	--	7.39	7.43	7.20	7.16	7.21	7.39	7.29	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.260	0.190	0.240	0.270	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.7	34.5	27.9	36.2	24.2	24.9	26.5	35.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.220	0.00630	0.500	0.440	0.0150	0.340	2.33	0.170
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57800	--	58700	--	60700	57000	58500	--
	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	13.6	--	24.1	--	22.7	12.7	38.2	--
	Lead	15	MCL	ND	--	ND	--	0.160	ND	0.370	--
	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	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	ND	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	ND	--

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-ROOD4139		F1-SCOT4603		F1-TAYL3413	F1-TAYL3438	F1-TAYL3454	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence
				F1-TW-0000323-24092-N	F1-TW-0000323-24092-N-H	F1-TW-0000328-24092-N	F1-TW-0000328-24092-N-H	F1-TW-0009156-24092-N	F1-TW-0008549-24092-N	F1-TW-0008556-24092-N	F1-TW-0008556-24092-N-H
				2024-10-18	2024-10-18	2024-10-30	2024-10-30	2024-12-13	2024-11-15	2024-10-16	2024-10-16
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	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	--
	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	--
	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	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	ND	ND	--
	Cumene	--	--	ND	--	ND	--	ND	ND	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	ND	--
	m,p-Xylene	--	--	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	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	ND	--

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-ROOD4139 Residence 4139 Rood Court		F1-SCOT4603 Residence 4603 Scott Loop		F1-TAYL3413 Residence 3413 Taylor Street	F1-TAYL3438 Residence 3438 Taylor Street	F1-TAYL3454 Residence 3454 Taylor Street									
				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						
				F1-TW-0000323-24092-N	2024-10-18	F1-TW-0000323-24092-N-H	2024-10-18	F1-TW-0000328-24092-N	2024-10-30	F1-TW-0000328-24092-N-H	2024-10-30	F1-TW-0009156-24092-N	2024-12-13	F1-TW-0008549-24092-N	2024-11-15	F1-TW-0008556-24092-N	2024-10-16	F1-TW-0008556-24092-N-H	2024-10-16
				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		ND		ND		ND		ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND		ND		ND		ND		ND		ND	
	Bromoform	--	--	0.920	--	0.320	--	0.320		ND		0.550		ND		0.510		ND	
	Chloroform	--	--	ND	--	ND	--	ND		ND		ND		ND		ND		ND	
	Dibromochloromethane	--	--	0.660	--	0.300	--	0.280		ND		0.510		ND		0.510		ND	
	Total Trihalomethanes	80	MCL	1.58	--	0.620	--	0.600		ND		1.06		ND		1.06		ND	

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-TAYL3482 Residence 3482 Taylor Street		F1-TAYL3483 Residence 3483 Taylor Street		F1-THOM4215 Residence 4215 Thomas Way		F1-TOMI3228 Residence 3228 Tomich Court		F1-TOMI3252 Residence 3252 Tomich Court
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	ND	--	ND	11.0	15.0	2.00	2.00	
Field Test (ppb)	Free Chlorine	4000	MCL	1000	210	610	730	650	520	640	820	
Field Test (pH)	pH	--	--	7.21	7.54	7.27	7.28	7.35	7.27	7.33	7.13	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.240	0.260	0.270	0.260	0.270	0.260	
Field Test (degrees Celcius)	Temperature	--	--	26.9	46.1	25.2	27.4	37.6	25.1	33.8	28.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.730	0.760	0.0410	0.270	0.270	0.00	0.00940	0.820	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57700	--	59700	56700	--	58600	--	58200	
	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	44.9	--	32.1	14.6	--	40.5	--	47.6	
	Lead	15	MCL	ND	--	0.130	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	
	Acenaphthylene	--	--	ND	--	ND	ND	--	ND	--	ND	
	Anthracene	--	--	ND	--	ND	ND	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	--	ND	--	ND	

**Summary of Chemistry Results**  
**Zone F1**  
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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-TAYL3482		F1-TAYL3483		F1-THOM4215		F1-TOMI3228		F1-TOMI3252											
				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:
Synthetic Organic Compounds (ppb)	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											
	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											
	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											
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	--	ND	ND											
	Benzene	5	MCL	ND	--	ND	ND	--	ND	--	ND	ND											
	Cumene	--	--	ND	--	ND	ND	--	ND	--	ND	ND											
	Ethylbenzene	700	MCL	ND	--	ND	ND	--	ND	--	ND	ND											
	m,p-Xylene	--	--	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											
	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												

**Summary of Chemistry Results**  
**Zone F1**  
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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-TAYL3482 Residence 3482 Taylor Street		F1-TAYL3483 Residence 3483 Taylor Street		F1-THOM4215 Residence 4215 Thomas Way		F1-TOMI3228 Residence 3228 Tomich Court		F1-TOMI3252 Residence 3252 Tomich Court							
				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	Field Sample ID	Sample Date				
				F1-TW-0008576-24092-N	2024-10-30	F1-TW-0008576-24092-N-H	2024-10-30	F1-TW-0008577-24092-N	2024-12-13	F1-TW-0008896-24092-N	2024-10-17	F1-TW-0008896-24092-N-H	2024-10-17	F1-TW-0008914-24092-N	2024-10-16	F1-TW-0008914-24092-N-H	2024-10-16	F1-TW-0008930-24092-N	2024-10-30
				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	--	ND	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	ND	--	0.350	0.410	--	0.390	--	0.410	--	0.410	--	0.410	--	0.410	--	0.410
	Chloroform	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	0.280	--	0.280	0.420	--	0.430	--	0.430	--	0.430	--	0.430	--	0.430	--	0.430
	Total Trihalomethanes	80	MCL	0.280	--	0.630	0.830	--	0.820	--	0.820	--	0.820	--	0.820	--	0.820	--	0.820

**Summary of Chemistry Results**  
**Zone F1**  
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**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-TOMI3252			Location ID: F1-WARD5175		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
				Residence 3252 Tomich Court			Residence 5175 Warden Court		
				F1-TW-0008930-24092-N-H	2024-10-30	N (Normal)	F1-TW-0008930-24092-3-N	2024-10-30	FD (Field Duplicate)
				F1-TW-0008930-24092-3-N	2024-10-30	FD (Field Duplicate)	F1-TW-0008930-24092-3-N-H	2024-10-30	FD (Field Duplicate)
				F1-TW-0008680-24092-N	2024-10-17	N (Normal)	F1-TW-0008680-24092-N	2024-10-17	N (Normal)
				F1-TW-0008680-24092-N-H	2024-10-17	N (Normal)	F1-TW-0008680-24092-N-H	2024-10-17	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	
	E. coli	--	--	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	2.00	2.00	7.00	6.00	
Field Test (ppb)	Free Chlorine	4000	MCL	620	--	--	560	640	
Field Test (pH)	pH	--	--	7.25	--	--	7.15	7.30	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	--	--	0.280	0.290	
Field Test (degrees Celcius)	Temperature	--	--	43.6	--	--	24.8	35.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.660	--	--	0.300	0.0380	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56800	--	56400	--	
	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	--	48.3	--	81.3	--	
	Lead	15	MCL	--	ND	--	ND	--	
	Mercury	2	MCL	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	
	Acenaphthylene	--	--	--	ND	--	ND	--	
	Anthracene	--	--	--	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	

**Summary of Chemistry Results**

**Zone F1**

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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-TOMI3252			Location ID: F1-WARD5175		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
				Residence 3252 Tomich Court			Residence 5175 Warden Court		
				F1-TW-0008930-24092-N-H	2024-10-30	N (Normal)	F1-TW-0008930-24092-3-N	2024-10-30	FD (Field Duplicate)
							F1-TW-0008930-24092-3-N-H	2024-10-30	FD (Field Duplicate)
							F1-TW-0008680-24092-N	2024-10-17	N (Normal)
							F1-TW-0008680-24092-N-H	2024-10-17	N (Normal)
Synthetic Organic Compounds (ppb)	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	--	
	tert-Butylbenzene	--	--	--	ND	--	ND	--	
	Toluene	1000	MCL	--	ND	--	ND	--	

**Summary of Chemistry Results**

**Zone F1**

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

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

**Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-TOMI3252			Location ID: F1-WARD5175		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
				Residence 3252 Tomich Court			Residence 5175 Warden Court		
				F1-TW-0008930-24092-N-H	2024-10-30	N (Normal)	F1-TW-0008930-24092-3-N	2024-10-30	FD (Field Duplicate)
							F1-TW-0008930-24092-3-N-H	2024-10-30	FD (Field Duplicate)
							F1-TW-0008680-24092-N	2024-10-17	N (Normal)
							F1-TW-0008680-24092-N-H	2024-10-17	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	
	Bromoform	--	--	--	0.410	--	0.430	--	
	Chloroform	--	--	--	ND	--	ND	--	
	Dibromochloromethane	--	--	--	0.400	--	0.410	--	
	Total Trihalomethanes	80	MCL	--	0.810	--	0.840	--	

**Summary of Chemistry Results**  
**Zone F1**  
**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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MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24275-N-1	F1-TW-0017726-24275-N-2	F1-TW-0017726-24275-N-3	F1-TW-0017726-24275-N-4	F1-TW-0017726-24275-N-5	F1-TW-0017726-24275-3-N-2	F1-TW-0017726-24275-3-N-5	F1-TW-0017726-24306-N-2
				Sample Date:	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-11-04
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	Absent	Absent	--
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	31.0	11.0	3.00	4.00	10.0	4.00	8.00	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	60.0	320	490	110	540	--	--	--	1080
Field Test (pH)	pH	--	--	7.09	7.15	7.21	7.17	7.34	--	--	--	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.250	0.250	0.240	--	--	--	0.240
Field Test (degrees Celcius)	Temperature	--	--	31.2	26.8	26.5	26.0	27.3	--	--	--	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.47	1.43	0.130	0.0360	0.580	--	--	--	0.300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56000	57600	55700	56500	56600	57000	57200	--	61400
	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	127	20.9	18.7	135	50.9	20.8	37.8	--	18.6
	Lead	15	MCL	0.180	0.190	ND	0.140	1.40	0.210	1.20	--	0.200
	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
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24275-N-1	F1-TW-0017726-24275-N-2	F1-TW-0017726-24275-N-3	F1-TW-0017726-24275-N-4	F1-TW-0017726-24275-N-5	F1-TW-0017726-24275-3-N-2	F1-TW-0017726-24275-3-N-5	F1-TW-0017726-24306-N-2
				Sample Date:	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-11-04
				Sample Type:	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluorene	--	--	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
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24275-N-1	F1-TW-0017726-24275-N-2	F1-TW-0017726-24275-N-3	F1-TW-0017726-24275-N-4	F1-TW-0017726-24275-N-5	F1-TW-0017726-24275-3-N-2	F1-TW-0017726-24275-3-N-5	F1-TW-0017726-24306-N-2
				Sample Date:	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-10-03	2024-11-04
				Sample Type:	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.440	ND	0.370	ND	ND	ND	0.390	0.360	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.300	ND	ND	ND	0.300	0.420	
	Total Trihalomethanes	80	MCL	0.440	ND	0.670	ND	ND	ND	0.690	0.780	

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24306-N-1	F1-TW-0017726-24306-N-3	F1-TW-0017726-24306-N-4	F1-TW-0017726-24306-N-5	F1-TW-0017726-24336-N-2	F1-TW-0017726-24336-N-3	F1-TW-0017726-24336-N-4	F1-TW-0017726-24336-N-5
				Sample Date:	2024-11-04	2024-11-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02	2024-12-02	2024-12-02
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	770	1060	220	180	760	620	70.0	450	
Field Test (pH)	pH	--	--	7.19	7.31	7.46	7.40	7.20	7.15	7.32	7.34	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.320	0.300	0.260	0.250	0.280	0.270	
Field Test (degrees Celcius)	Temperature	--	--	31.0	27.1	29.0	26.0	23.9	24.8	24.3	24.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.10	0.00170	1.03	0.590	0.220	0.290	0.00	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58700	59800	55500	61500	58600	57600	55500	57800	
	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	86.7	30.8	65.3	12.8	11.4	26.0	221	11.5	
	Lead	15	MCL	0.160	0.140	0.130	ND	0.160	0.180	0.180	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	
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Anthracene	--	--	ND	ND	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	ND	ND	

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24306-N-1	F1-TW-0017726-24306-N-3	F1-TW-0017726-24306-N-4	F1-TW-0017726-24306-N-5	F1-TW-0017726-24336-N-2	F1-TW-0017726-24336-N-3	F1-TW-0017726-24336-N-4	F1-TW-0017726-24336-N-5
				Sample Date:	2024-11-04	2024-11-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02	2024-12-02	2024-12-02
				Sample Type:	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	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluorene	--	--	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
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24306-N-1	F1-TW-0017726-24306-N-3	F1-TW-0017726-24306-N-4	F1-TW-0017726-24306-N-5	F1-TW-0017726-24336-N-2	F1-TW-0017726-24336-N-3	F1-TW-0017726-24336-N-4	F1-TW-0017726-24336-N-5
				Sample Date:	2024-11-04	2024-11-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02	2024-12-02	2024-12-02
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	0.350	ND	1.30	1.40	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.270	0.260	0.330	ND	0.410	0.580	
	Total Trihalomethanes	80	MCL	ND	ND	0.270	0.260	0.680	ND	1.71	1.98	



**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	F1-MOAN0001	School	Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI	F1-TW-0017726-24336-N-1	2024-12-02	N (Normal)
	Benzo(k)fluoranthene	--	--						
	Chrysene	--	--						
	Dibenz(a,h)anthracene	--	--						
	Fluorene	--	--						
	Indeno(1,2,3-c,d)pyrene	--	--						
	Naphthalene	--	--						
	Phenanthrene	--	--						
	Pyrene	--	--						
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--						
	1,3,5-Trimethylbenzene	--	--						
	Benzene	5	MCL						
	Cumene	--	--						
	Ethylbenzene	700	MCL						
	m,p-Xylene	--	--						
	n-Butylbenzene	--	--						
	n-Propylbenzene	--	--						
	o-Xylene	--	--						
	sec-Butylbenzene	--	--						
tert-Butylbenzene	--	--							

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Schools in Zone F1**

			<b>Location ID:</b>	F1-MOAN0001
			<b>Location Type:</b>	School
			<b>Address:</b>	Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI
			<b>Field Sample ID:</b>	F1-TW-0017726- 24336-N-1
			<b>Sample Date:</b>	2024-12-02
			<b>Sample Type:</b>	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>	
Volatile Organic Compounds (ppb)	Toluene	1000	MCL	ND
	Xylenes, Total	10000	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.360
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.300
	Total Trihalomethanes	80	MCL	0.660

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

<b>Notes:</b>
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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 October 2024 - December 2024 from Child Development Centers in Zone F1**

				Location ID: F1-BOUG4857 Location Type: Child Development Center Address: Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu								
				Field Sample ID:	F1-TW-0014170-24275-N-1	F1-TW-0014170-24275-N-1-H	F1-TW-0014170-24275-N-2	F1-TW-0014170-24275-N-2-H	F1-TW-0014170-24306-N-1	F1-TW-0014170-24306-N-2	F1-TW-0014170-24336-N-1	F1-TW-0014170-24336-N-2
				Sample Date:	2024-10-04	2024-10-04	2024-10-04	2024-10-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02
				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	--	--	--	--	--	--
	E. coli	--	--	Absent	--	Absent	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	59.0	165	33.0	13.0	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	750	770	730	780	1620	1210	540	720	
Field Test (pH)	pH	--	--	7.33	7.24	7.25	7.27	7.22	7.20	7.18	7.22	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.270	0.270	0.310	0.310	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	25.7	24.8	25.4	24.9	27.7	28.0	24.7	26.9	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.28	1.06	0.970	0.980	0.110	1.58	1.31	7.76	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55500	--	58200	--	58700	63100	56800	57500	
	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	12.6	--	15.3	--	15.8	8.60	11.0	10.9	
	Lead	15	MCL	ND	--	ND	--	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	

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Child Development Centers in Zone F1**

				Location ID: F1-BOUG4857 Location Type: Child Development Center Address: Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu								
				Field Sample ID:	F1-TW-0014170-24275-N-1	F1-TW-0014170-24275-N-1-H	F1-TW-0014170-24275-N-2	F1-TW-0014170-24275-N-2-H	F1-TW-0014170-24306-N-1	F1-TW-0014170-24306-N-2	F1-TW-0014170-24336-N-1	F1-TW-0014170-24336-N-2
				Sample Date:	2024-10-04	2024-10-04	2024-10-04	2024-10-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02
				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)	Acenaphthylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Anthracene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	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

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in October 2024 - December 2024 from Child Development Centers in Zone F1**

				Location ID: F1-BOUG4857 Location Type: Child Development Center Address: Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu								
				Field Sample ID:	F1-TW-0014170-24275-N-1	F1-TW-0014170-24275-N-1-H	F1-TW-0014170-24275-N-2	F1-TW-0014170-24275-N-2-H	F1-TW-0014170-24306-N-1	F1-TW-0014170-24306-N-2	F1-TW-0014170-24336-N-1	F1-TW-0014170-24336-N-2
				Sample Date:	2024-10-04	2024-10-04	2024-10-04	2024-10-04	2024-11-04	2024-11-04	2024-12-02	2024-12-02
				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)	n-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

				F1-HYD009A Hydrant FH ID: FH:9A					F1-HYD014A Hydrant FH ID: FH:14A		
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
		F1-DL-0017719-24275 -N	F1-DL-0017719-24275 -3-N	F1-DL-0017719-24306 -N	F1-DL-0017719-24336 -N	F1-DL-0017719-24336 -3-N	F1-DL-0017720-24275 -N	F1-DL-0017720-24306 -N	F1-DL-0017720-24306 -3-N	F1-DL-0017720-24306 -3-N	
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
		2024-10-16	2024-10-16	2024-11-15	2024-12-12	2024-12-12	2024-10-16	2024-11-15	2024-11-15	2024-11-15	
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
		N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	--	--	Absent	--	--
	E. coli	--	--	Absent	Absent	--	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	2.00	--	--	--	3.00	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	660	--	510	740	--	680	640	--
Field Test (pH)	pH	--	--	7.32	--	7.33	7.33	--	7.33	7.34	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	--	0.280	0.260	--	0.270	0.260	--
Field Test (degrees Celcius)	Temperature	--	--	28.4	--	25.5	25.1	--	26.8	25.7	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	--	0.670	0.00	--	0.140	0.150	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59000	58500	58900	59500	58200	56300	58300	56400
	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	ND	ND
	Anthracene	--	--	ND	ND	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	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD009A			F1-HYD014A					
		Location Type: Hydrant			Hydrant					
		Address: FH ID: FH:9A			FH ID: FH:14A					
		Field Sample ID: F1-DL-0017719-24275	F1-DL-0017719-24275	F1-DL-0017719-24306	F1-DL-0017719-24336	F1-DL-0017719-24336	F1-DL-0017720-24275	F1-DL-0017720-24306	F1-DL-0017720-24306	
		-N	-3-N	-N	-N	-3-N	-N	-N	-3-N	
		Sample Date: 2024-10-16	2024-10-16	2024-11-15	2024-12-12	2024-12-12	2024-10-16	2024-11-15	2024-11-15	
		Sample Type: N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	
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	ND
	Fluorene	--	--	ND	ND	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND	ND
	Pyrene	--	--	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
	Cumene	--	--	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
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	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	--	--	0.540	0.560	0.390	0.400	0.390	0.570	0.340



**Summary of Chemistry Results**  
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**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD014A		F1-HYD017B				F1-HYD028A			
		Hydrant		Hydrant				Hydrant			
		FH ID: FH:14A		FH ID: FH:17B				FH ID: FH:28A			
		Field Sample ID: F1-DL-0017720-24336	F1-DL-0017721-24275	F1-DL-0017721-24306	F1-DL-0017721-24306	F1-DL-0017721-24336	F1-DL-0017721-24336	F1-DL-0017722-24275	F1-DL-0017722-24306		
		-N	-N	-N	-3-N	-N	-3-N	-N	-N		
		Sample Date: 2024-12-12	2024-10-16	2024-11-15	2024-11-15	2024-12-12	2024-12-12	2024-10-17	2024-11-15		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	Absent	--	
	E. coli	--	--	--	Absent	--	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	5.00	--	--	--	ND	--	
Field Test (ppb)	Free Chlorine	4000	MCL	480	730	560	--	620	--	790	270
Field Test (pH)	pH	--	--	7.28	7.26	7.37	--	7.35	--	7.33	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.260	--	0.280	--	0.270	0.400
Field Test (degrees Celcius)	Temperature	--	--	26.7	28.1	27.5	--	26.2	--	26.8	24.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	1.21	0.300	--	0.350	--	0.00	0.960
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58000	58100	58700	58000	58500	59200	57300	61300
	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	ND	ND
	Anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0160
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone F1**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-HYD017B			F1-HYD028A				
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				F1-HYD014A Hydrant FH ID: FH:14A	F1-DL-0017721-24275 -N	F1-DL-0017721-24306 -N	F1-DL-0017721-24306 -3-N	F1-DL-0017721-24336 -N	F1-DL-0017721-24336 -3-N	F1-DL-0017722-24275 -N	F1-DL-0017722-24306 -N	
					2024-12-12	2024-10-16	2024-11-15	2024-11-15	2024-12-12	2024-10-17	2024-11-15	
					N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Fluorene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Pyrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	--	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	--	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cumene	--	--	ND	ND	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	ND	ND	
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	tert-Butylbenzene	--	--	ND	ND	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	0.510	ND	ND	ND	ND	0.570	0.460	

**Summary of Chemistry Results**

**Zone F1**

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

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

**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-HYD017B						F1-HYD028A		
				F1-HYD014A	F1-DL-0017721-24275		F1-DL-0017721-24306		F1-DL-0017721-24336		F1-DL-0017722-24275	F1-DL-0017722-24306	
				Location Type:	Hydrant						Hydrant		
				Address:	FH ID: FH:14A						FH ID: FH:28A		
				Field Sample ID:	F1-DL-0017720-24336	-N	-N	-N	-3-N	-N	-3-N	-N	-N
				Sample Date:	2024-12-12	2024-10-16	2024-11-15	2024-11-15	2024-12-12	2024-12-12	2024-10-17	2024-11-15	
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.350	0.490	ND	ND	ND	ND	0.540	ND	ND	
	Total Trihalomethanes	80	MCL	0.770	1.00	ND	ND	ND	ND	1.11	0.460		

**Summary of Chemistry Results**  
**Zone F1**  
**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 October 2024 - December 2024 from Hydrants in Zone F1**

				Location ID: F1-HYD028A	F1-HYD029A				F1-HYD037A			
				Hydrant	Hydrant				Hydrant			
				Address: FH ID: FH:28A	FH ID: FH:29A				FH ID: FH:37A			
				Field Sample ID: F1-DL-0017722-24336	F1-DL-0017723-24275	F1-DL-0017723-24306	F1-DL-0017723-24336	F1-DL-0017724-24275	F1-DL-0017724-24306	F1-DL-0017724-24275	F1-DL-0017724-24336	
				-N	-N	-N	-N	-N	-N	-N-R1	-N	
				Sample Date: 2024-12-16	2024-10-17	2024-11-15	2024-12-16	2024-10-17	2024-11-18	2024-11-27	2024-12-16	
				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	--	--	--	
	E. coli	--	--	--	Absent	--	--	Absent	--	--	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	6.00	--	--	20.0	--	--	--	
Field Test (ppb)	Free Chlorine	4000	MCL	650	840	100	650	90.0	180	430	180	
Field Test (pH)	pH	--	--	7.19	7.25	7.47	7.22	7.45	7.47	7.53	7.29	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.260	0.250	0.270	0.270	0.250	0.260	
Field Test (degrees Celcius)	Temperature	--	--	24.8	26.2	26.6	25.2	32.7	29.8	27.1	31.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.360	1.01	1.27	0.840	3.28	0.00	1.32	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600	59800	58700	59900	54700	59600	--	60800	
	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	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Anthracene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	--	ND	
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	--	ND	
Chrysene	--	--	ND	ND	ND	ND	ND	ND	--	ND		

**Summary of Chemistry Results**  
**Zone F1**  
**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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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-HYD029A				F1-HYD037A																
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:												
				F1-HYD028A Hydrant FH ID: FH:28A	F1-DL-0017722-24336 -N	2024-12-16 N (Normal)		F1-HYD029A Hydrant FH ID: FH:29A	F1-DL-0017723-24275 -N	2024-10-17 N (Normal)	F1-DL-0017723-24306 -N	2024-11-15 N (Normal)	F1-DL-0017723-24336 -N	2024-12-16 N (Normal)	F1-HYD037A Hydrant FH ID: FH:37A	F1-DL-0017724-24275 -N	2024-10-17 N (Normal)	F1-DL-0017724-24306 -N	2024-11-18 N (Normal)	F1-DL-0017724-24275 -N-R1	2024-11-27 N (Normal)	F1-DL-0017724-24336 -N	2024-12-16 N (Normal)		
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	ND	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	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	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	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	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	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	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	0.0200	--	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	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzene	5	MCL	ND	ND	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	ND	ND
	Ethylbenzene	700	MCL	ND	ND	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	ND	ND
	n-Butylbenzene	--	--	ND	ND	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	ND	ND
	o-Xylene	--	--	ND	ND	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	ND	ND
	tert-Butylbenzene	--	--	ND	ND	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	ND	ND
	Xylenes, Total	10000	MCL	ND	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	0.600
	Bromoform	--	--	0.350	0.440	ND	ND	1.70	3.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.00

**Summary of Chemistry Results**  
**Zone F1**  
**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 October 2024 - December 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-HYD029A				F1-HYD037A			
				F1-HYD028A	F1-HYD029A		F1-HYD037A		F1-HYD037A		F1-HYD037A	
				Hydrant	Hydrant		Hydrant		Hydrant		Hydrant	
				FH ID: FH:28A	FH ID: FH:29A		FH ID: FH:29A		FH ID: FH:37A		FH ID: FH:37A	
				Field Sample ID:	F1-DL-0017722-24336	F1-DL-0017723-24275	F1-DL-0017723-24306	F1-DL-0017723-24336	F1-DL-0017724-24275	F1-DL-0017724-24306	F1-DL-0017724-24275	F1-DL-0017724-24336
					-N	-N	-N	-N	-N	-N	-N-R1	-N
				Sample Date:	2024-12-16	2024-10-17	2024-11-15	2024-12-16	2024-10-17	2024-11-18	2024-11-27	2024-12-16
				Sample Type:	N (Normal)							
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	0.300	0.430	ND	ND	0.360	ND	ND	--	2.20
	Total Trihalomethanes	80	MCL	0.650	0.870	ND	ND	2.06	3.60	ND	--	8.80

**Summary of Chemistry Results**  
**Zone F1**  
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
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**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD0609			F1-HYD2134				
		Location Type: Hydrant			Hydrant				
		Address: FH ID: FH:609			FH ID: FH:11A				
		Field Sample ID: F1-DL-0017725-24275	F1-DL-0017725-24306	F1-DL-0017725-24336	F1-DL-0000595-24275	F1-DL-0000595-24306	F1-DL-0000595-24336		
		-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-10-17	2024-11-18	2024-12-16	2024-10-28	2024-11-18	2024-12-16		
		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	--	
	E. coli	--	--	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	3.00	--	--	4.00	--	
Field Test (ppb)	Free Chlorine	4000	MCL	180	170	650	830	550	740
Field Test (pH)	pH	--	--	7.39	7.05	7.53	7.29	6.86	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.280	0.280	0.760	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	32.7	29.3	27.0	25.6	29.1	30.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.79	4.45	0.00	0.0400	4.38	1.71
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54200	59700	62800	57500	57100	58200
	Total Organic Carbon	--	--	200	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
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	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
	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 F1**  
**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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MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD0609			Location ID: F1-HYD2134		
		Location Type: Hydrant			Location Type: Hydrant		
		Address: FH ID: FH:609			Address: FH ID: FH:11A		
		Field Sample ID: F1-DL-0017725-24275	Field Sample ID: F1-DL-0017725-24306	Field Sample ID: F1-DL-0017725-24336	Field Sample ID: F1-DL-0000595-24275	Field Sample ID: F1-DL-0000595-24306	Field Sample ID: F1-DL-0000595-24336
		-N	-N	-N	-N	-N	-N
		Sample Date: 2024-10-17	Sample Date: 2024-11-18	Sample Date: 2024-12-16	Sample Date: 2024-10-28	Sample Date: 2024-11-18	Sample Date: 2024-12-16
		Sample Type: N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.940	0.860	0.780	0.270
	Total Trihalomethanes	80	MCL	3.24	3.46	4.28	0.590
							0.330
							ND

**Summary of Chemistry Results**

**Zone F1**

**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)
§ - 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 October 2024 - December 2024 from Other Buildings in Zone F1**

				Location ID: F1-BLDG2655 Location Type: Medical Building Address: Building 2655,FOOD/SERVICE STORES						
				Field Sample ID:	F1-TW-0015332-24275-N-1	F1-TW-0015332-24275-N-2	F1-TW-0015332-24306-N-1	F1-TW-0015332-24306-N-2	F1-TW-0015332-24336-N-1	F1-TW-0015332-24336-N-2
				Sample Date:	2024-10-03	2024-10-03	2024-11-04	2024-11-04	2024-12-02	2024-12-02
				Sample Type:	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	--	--	5.00	5.00	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	700	760	1020	1110	840	830	
Field Test (pH)	pH	--	--	7.31	7.45	7.22	7.27	7.34	7.38	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240	0.240	0.240	0.240	
Field Test (degrees Celcius)	Temperature	--	--	23.5	23.4	23.9	24.7	24.4	23.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.140	0.240	0.00	0.270	1.78	0.460	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	56800	59400	59700	57400	57300	
	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	19.9	18.4	26.5	18.5	21.3	24.8	
	Lead	15	MCL	0.140	0.160	0.130	0.130	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	
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**

**Zone F1**

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

<b>Notes:</b>
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 October 2024 - December 2024 from Other Buildings in Zone F1**

		Location ID: F1-BLDG2655							
		Location Type: Medical Building							
		Address: Building 2655,FOOD/SERVICE STORES							
		Field Sample ID:	F1-TW-0015332-24275-N-1	F1-TW-0015332-24275-N-2	F1-TW-0015332-24306-N-1	F1-TW-0015332-24306-N-2	F1-TW-0015332-24336-N-1	F1-TW-0015332-24336-N-2	
		Sample Date:	2024-10-03	2024-10-03	2024-11-04	2024-11-04	2024-12-02	2024-12-02	
		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						
Synthetic Organic Compounds (ppb)	Anthracene	--	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	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
	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
	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
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone F1**

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

<b>Notes:</b>
ND = Not Detected
ISP = Incident Specific Parameter
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**Drinking Water Samples Collected in October 2024 - December 2024 from Other Buildings in Zone F1**

		Location ID:	F1-BLDG2655						
		Location Type:	Medical Building						
		Address:	Building 2655,FOOD/SERVICE STORES						
		Field Sample ID:	F1-TW-0015332-24275-N-1	F1-TW-0015332-24275-N-2	F1-TW-0015332-24306-N-1	F1-TW-0015332-24306-N-2	F1-TW-0015332-24336-N-1	F1-TW-0015332-24336-N-2	
		Sample Date:	2024-10-03	2024-10-03	2024-11-04	2024-11-04	2024-12-02	2024-12-02	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	o-Xylene	--	--	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
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	0.370	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.280	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.650	ND