

**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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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-ASHE4007	F1-ASHE4019		F1-ASHE4025	F1-ASHE4031	F1-BENN5501	F1-BENN5512	F1-BENN5522
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	4007 Asher Court	4019 Asher Court		4025 Asher Court	4031 Asher Court	5501 Bennion Drive	5512 Bennion Drive	5522 Bennion Drive
		Field Sample ID:	F1-TW-0008949-24092-N	F1-TW-0008954-24092-N	F1-TW-0008954-24092-N-H	F1-TW-0008957-24092-N	F1-TW-0008960-24092-N	F1-TW-0008962-24092-N	F1-TW-0008969-24092-N	F1-TW-0008586-24092-N
		Sample Date:	2024-04-25	2024-06-18	2024-06-18	2024-04-25	2024-05-20	2024-05-20	2024-05-21	2024-05-20
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	Absent	Absent	Absent
	E. coli	--	--	--	Absent	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	--	6.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	460	180	270	550	390	620
Field Test (pH)	pH	--	--	7.35	7.25	7.16	7.50	7.31	7.40	7.14
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.260	0.260	0.250	0.230	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.4	24.0	37.4	22.8	26.0	24.9	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.420	0.850	0.550	0.00	1.37	0.150	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	47500	56800	--	47500	52700	54200	53800
	Total Organic Carbon	--	--	210	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	35.6	16.9	--	23.0	16.7	47.3	25.9
	Lead	15	MCL	ND	ND	--	0.190	ND	ND	0.140
	Mercury	2	MCL	ND	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	--	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND

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		Location ID:	F1-ASHE4007	F1-ASHE4019		F1-ASHE4025	F1-ASHE4031	F1-BENN5501	F1-BENN5512	F1-BENN5522
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	4007 Asher Court	4019 Asher Court		4025 Asher Court	4031 Asher Court	5501 Bennion Drive	5512 Bennion Drive	5522 Bennion Drive
		Field Sample ID:	F1-TW-0008949-24092-N	F1-TW-0008954-24092-N	F1-TW-0008954-24092-N-H	F1-TW-0008957-24092-N	F1-TW-0008960-24092-N	F1-TW-0008962-24092-N	F1-TW-0008969-24092-N	F1-TW-0008586-24092-N
		Sample Date:	2024-04-25	2024-06-18	2024-06-18	2024-04-25	2024-05-20	2024-05-20	2024-05-21	2024-05-20
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	ND	ND	ND
	Bromoform	--	--	0.270	ND	--	0.830	0.320	ND	ND
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	0.500	0.270	0.250	ND
	Total Trihalomethanes	80	MCL	0.270	ND	--	1.33	0.590	0.250	ND

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-BENN5568	F1-BENN5629	F1-CAKO4509		F1-CAKO4513	F1-CAKO4517	F1-CLAR4405	F1-CLAR4421
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	5568 Bennion Drive	5629 Bennion Court	4509 Cakon Place		4513 Cakon Place	4517 Cakon Place	4405 Clarey Boulevard	4421 Clarey Boulevard
		Field Sample ID:	F1-TW-0008609-24092-N	F1-TW-0000319-24092-N	F1-TW-0008732-24092-N-WQI	F1-TW-0008732-24092-N-H-WQI	F1-TW-0008736-24092-N	F1-TW-0000357-24092-N	F1-TW-0009176-24092-N	F1-TW-0009191-24092-N
		Sample Date:	2024-05-21	2024-05-22	2024-06-04	2024-06-04	2024-05-22	2024-05-22	2024-05-22	2024-05-22
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	--	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	70.0	650	150	490	610	700	350
Field Test (pH)	pH	--	--	7.37	7.34	7.43	7.51	7.34	7.37	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.240	0.230	0.250	0.240	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	27.7	25.3	23.1	41.6	24.0	25.4	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.660	0.410	0.00	0.000660	0.550	0.650	0.300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	55800	52000	--	54500	57600	56600
	Total Organic Carbon	--	--	ND	ND	350	--	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	32.6	50.9	55.6	--	22.0	42.4	78.1
	Lead	15	MCL	ND	0.240	ND	--	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0130	0.0130	ND	--	0.0140	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND

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				Sample Date:	2024-05-21	2024-05-22	2024-06-04	2024-06-04	2024-05-22	2024-05-22	2024-05-22	2024-05-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	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
	o-Xylene	--	--	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	--	--	0.310	0.300	0.390	--	ND	ND	0.390	ND	ND
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.280	ND	0.320	--	ND	ND	0.380	0.270	0.270
	Total Trihalomethanes	80	MCL	0.590	0.300	0.710	--	ND	ND	0.770	0.270	0.270

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID:		F1-FLAH4334		F1-FUQU5209		F1-FUQU5305		F1-JONE4803	F1-KIDD5000
		Location Type:		Residence		Residence		Residence		Residence	Residence
		Address:		4334 Flaherty Circle		5209 Fuqua Lane		5305 Fuqua Street		4803 Jones Court	5000 Kidd Street
		Field Sample ID:		F1-TW-0009207-24092-N	F1-TW-0009207-24092-N-H	F1-TW-0000327-24092-N	F1-TW-0000327-24092-N-H	F1-TW-0008759-24092-N	F1-TW-0008759-24092-N-H	F1-TW-0008775-24092-N	F1-TW-0008809-24092-N
		Sample Date:		2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-22	2024-06-17
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	171	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	530	230	540	550	450	430	540	720
Field Test (pH)	pH	--	--	7.35	7.34	7.38	7.36	7.34	7.35	7.35	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.230	0.240	0.230	0.250	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	28.6	54.3	25.6	36.2	28.2	47.7	27.6	27.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.510	0.0340	0.00	0.00	0.650	0.0110
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51200	--	54200	--	52900	--	55500	65000
	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	47.8	--	34.5	--	40.3	--	52.5	35.3
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	0.170
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND

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		Residence		Residence		Residence		Residence	Residence
		4334 Flaherty Circle		5209 Fuqua Lane		5305 Fuqua Street		4803 Jones Court	5000 Kidd Street
		F1-TW-0009207-24092-N	F1-TW-0009207-24092-N-H	F1-TW-0000327-24092-N	F1-TW-0000327-24092-N-H	F1-TW-0008759-24092-N	F1-TW-0008759-24092-N-H	F1-TW-0008775-24092-N	F1-TW-0008809-24092-N
		2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-22	2024-06-17
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	ND
	Chloroform	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.260	--	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	0.260	--	ND	--	ND	ND

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		Location ID:	F1-KIDD5000	F1-KIDD5011		F1-KIDD5018		F1-KIDD5024		F1-KIDD5032	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5000 Kidd Street	5011 Kidd Street		5018 Kidd Street		5024 Kidd Street		5032 Kidd Street	
		Field Sample ID:	F1-TW-0008809-24092-N-H	F1-TW-0000330-24092-N	F1-TW-0000330-24092-N-H	F1-TW-0008822-24092-N	F1-TW-0008822-24092-N-H	F1-TW-0008824-24092-N	F1-TW-0008824-24092-N-H	F1-TW-0008829-24092-N	
		Sample Date:	2024-06-17	2024-06-18	2024-06-18	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	690	470	430	480	420	490	560	390
Field Test (pH)	pH	--	--	7.46	7.17	7.14	7.13	7.41	7.16	7.10	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.240	0.270	--	--	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.5	24.5	40.8	25.7	43.3	--	--	28.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00250	0.240	0.250	0.130	0.0550	0.290	0.240	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58200	--	69400	--	64900	--	62500
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	38.3	--	36.5	--	105	--	40.4
	Lead	15	MCL	--	ND	--	0.550	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

**Summary of Chemistry Results**

**Zone F1**

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

<b>Notes:</b>
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Parts per Million (ppm)
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-KIDD5011		F1-KIDD5018		F1-KIDD5024		F1-KIDD5032
				Location Type:	Residence		Residence		Residence		Residence
				Address:	5011 Kidd Street		5018 Kidd Street		5024 Kidd Street		5032 Kidd Street
				Field Sample ID:	F1-TW-0000330-24092-N	F1-TW-0000330-24092-N-H	F1-TW-0008822-24092-N	F1-TW-0008822-24092-N-H	F1-TW-0008824-24092-N	F1-TW-0008824-24092-N-H	F1-TW-0008829-24092-N
				Sample Date:	2024-06-18	2024-06-18	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND



**Summary of Chemistry Results**  
**Zone 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 April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-KIDD5032	F1-KIDD5034		F1-MCMO5454		F1-MCMO5457		F1-MCMO5464	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5032 Kidd Street	5034 Kidd Street		5454 McMorris Drive		5457 McMorris Drive		5464 McMorris Drive	
		Field Sample ID:	F1-TW-0008829-24092-N-H	F1-TW-0008831-24092-N	F1-TW-0008831-24092-N-H	F1-TW-0008864-24092-N	F1-TW-0008864-24092-N-H	F1-TW-0008867-24092-N	F1-TW-0008867-24092-N-H	F1-TW-0000335-24092-N	
		Sample Date:	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-05-30	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	93.0	4.00	ND	2.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	330	980	570	730	520	520	450	750
Field Test (pH)	pH	--	--	7.16	7.37	7.49	7.30	7.54	7.50	7.49	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.260	0.260	0.260	0.240	0.270	0.230
Field Test (degrees Celcius)	Temperature	--	--	44.8	28.2	38.6	28.1	38.4	28.9	52.4	27.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00170	8.95	0.00	0.130	0.00	0.540	0.570	0.0120
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	66000	--	62800	--	65000	--	55700
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	73.7	--	32.9	--	35.1	--	37.6
	Lead	15	MCL	--	0.560	--	1.70	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

**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 April 2024 - June 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-KIDD5034		F1-MCMO5454		F1-MCMO5457		F1-MCMO5464	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	5034 Kidd Street		5454 McMorris Drive		5457 McMorris Drive		5464 McMorris Drive	
				Field Sample ID:	F1-TW-0008829-24092-N-H	F1-TW-0008831-24092-N	F1-TW-0008831-24092-N-H	F1-TW-0008864-24092-N	F1-TW-0008864-24092-N-H	F1-TW-0008867-24092-N	F1-TW-0008867-24092-N-H	F1-TW-0000335-24092-N
				Sample Date:	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-06-17	2024-05-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND	
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Bromoform	--	--	--	ND	--	ND	--	ND	--	0.310	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	0.260	--	0.270	--	0.300	--	0.310	
	Total Trihalomethanes	80	MCL	--	0.260	--	0.270	--	0.300	--	0.620	

**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 April 2024 - June 2024 from Residences in Zone F1**

		Location ID: F1-MCMO5464		F1-MORE3001		F1-MORE3314		F1-PHAR4311		F1-PHAR4318	
		Location Type: Residence		Residence		Residence		Residence		Residence	
		Address: 5464 McMorris Drive		3001 Moreell Circle		3314 Moreell Street		4311 Pharris Place		4318 Pharris Place	
		Field Sample ID: F1-TW-0000335-24092-N-H		F1-TW-0008980-24092-N	F1-TW-0008980-24092-N-H	F1-TW-0009037-24092-N	F1-TW-0009037-24092-N-H	F1-TW-0009049-24092-N	F1-TW-0009049-24092-N-H	F1-TW-0000311-24092-N	
		Sample Date: 2024-05-30		2024-06-18	2024-06-18	2024-06-17	2024-06-17	2024-06-18	2024-06-18	2024-06-18	
		Sample Type: N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	4.00	ND	ND	ND	ND	19.0
Field Test (ppb)	Free Chlorine	4000	MCL	690	420	100	1120	160	580	540	370
Field Test (pH)	pH	--	--	7.41	7.23	7.34	7.37	7.46	7.28	7.26	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.250	0.270	0.240	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	42.8	29.2	47.3	26.1	43.8	22.8	42.5	25.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.860	0.270	0.00160	0.00	0.00790	0.00	0.810
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58100	--	61300	--	57400	--	59900
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	32.8	--	36.2	--	20.3	--	56.1
	Lead	15	MCL	--	ND	--	ND	--	ND	--	1.20
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND



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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID: F1-PHAR4318		F1-ROOD4103		F1-ROOD4117		F1-ROOD4121		F1-SCOT4617	
		Residence		Residence		Residence		Residence		Residence	
		4318 Pharris Place		4103 Rood Court		4117 Rood Court		4121 Rood Court		4617 Scott Loop	
		F1-TW-0000311-24092-N-H		F1-TW-0000287-24092-N		F1-TW-0000287-24092-N-H		F1-TW-0000325-24092-N		F1-TW-0009113-24092-N	
		2024-06-18		2024-05-30		2024-05-30		2024-05-22		2024-06-17	
		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	Absent	--	Absent	--
	E. coli	--	--	--	Absent	--	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00	59.0	ND	ND	ND	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	180	420	280	670	540	100	440	120
Field Test (pH)	pH	--	--	7.50	7.31	7.19	7.38	7.35	7.44	7.12	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.170	0.250	0.240	0.220	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	42.2	28.7	45.8	25.9	27.0	48.2	25.4	41.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.500	0.870	0.600	0.440	0.630	0.220	1.33	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52200	--	57700	61600	--	61200	--
	Total Organic Carbon	--	--	--	ND	--	ND	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	--	36.5	--	18.7	14.0	--	86.0	--
	Lead	15	MCL	--	0.500	--	ND	ND	--	0.130	--
	Mercury	2	MCL	--	ND	--	ND	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	--
	2-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	ND	--	ND	--
	Naphthalene	--	--	--	ND	--	ND	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	--	ND	--

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-ROOD4103		F1-ROOD4117	F1-ROOD4121		F1-SCOT4617	
				Location Type:	Residence		Residence	Residence		Residence	
				Address:	4103 Rood Court		4117 Rood Court	4121 Rood Court		4617 Scott Loop	
				Field Sample ID:	F1-TW-0000287-24092-N	F1-TW-0000287-24092-N-H	F1-TW-0000325-24092-N	F1-TW-0009113-24092-N	F1-TW-0009113-24092-N-H	F1-TW-0009139-24092-N	F1-TW-0009139-24092-N-H
				Sample Date:	2024-05-30	2024-05-30	2024-05-22	2024-06-17	2024-06-17	2024-06-18	2024-06-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	ND	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	ND	ND	--	ND	--
	Toluene	1000	MCL	--	ND	--	ND	ND	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	ND	--	ND	--
	Bromoform	--	--	--	ND	--	0.410	ND	--	ND	--
	Chloroform	--	--	--	ND	--	ND	ND	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	0.400	0.280	--	0.260	--
	Total Trihalomethanes	80	MCL	--	ND	--	0.810	0.280	--	0.260	--

**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 April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-TAYL3436	F1-TAYL3462	F1-TAYL3476		F1-TAYL3484	F1-TAYL3486		F1-TAYL3498	
		Location Type:	Residence	Residence	Residence		Residence	Residence		Residence	
		Address:	3436 Taylor Street	3462 Taylor Street	3476 Taylor Street		3484 Taylor Street	3486 Taylor Street		3498 Taylor Street	
		Field Sample ID:	F1-TW-0008548-24092-N	F1-TW-0008560-24092-N	F1-TW-0000344-24092-N	F1-TW-0000344-24092-N-H	F1-TW-0008578-24092-N	F1-TW-0000358-24092-N	F1-TW-0000358-24092-N-H	F1-TW-0008881-24092-N	
		Sample Date:	2024-05-22	2024-05-22	2024-06-17	2024-06-17	2024-05-21	2024-06-17	2024-06-17	2024-05-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	--	Absent	Absent	--	Absent
	E. coli	--	--	Absent	Absent	Absent	--	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	2.00	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	670	650	640	420	570	790	410	430
Field Test (pH)	pH	--	--	7.38	7.35	7.34	7.44	7.34	7.19	7.19	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.240	0.270	0.240	0.260	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.5	26.1	25.6	51.3	25.9	25.6	46.2	22.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.640	1.18	0.720	0.690	1.20	0.240	0.290	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56000	55400	63800	--	54600	64000	--	55300
	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	12.5	21.0	30.2	--	27.9	28.0	--	33.3
	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
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	--	ND

**Summary of Chemistry Results**

**Zone F1**

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

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

				Location ID:	F1-TAYL3436	F1-TAYL3462	F1-TAYL3476		F1-TAYL3484	F1-TAYL3486		F1-TAYL3498
				Location Type:	Residence	Residence	Residence		Residence	Residence		Residence
				Address:	3436 Taylor Street	3462 Taylor Street	3476 Taylor Street		3484 Taylor Street	3486 Taylor Street		3498 Taylor Street
				Field Sample ID:	F1-TW-0008548-24092-N	F1-TW-0008560-24092-N	F1-TW-0000344-24092-N	F1-TW-0000344-24092-N-H	F1-TW-0008578-24092-N	F1-TW-0000358-24092-N	F1-TW-0000358-24092-N-H	F1-TW-0008881-24092-N
				Sample Date:	2024-05-22	2024-05-22	2024-06-17	2024-06-17	2024-05-21	2024-06-17	2024-06-17	2024-05-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	ND	ND	--	ND	ND	--	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	--	ND	
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	--	ND	
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	--	ND	
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	--	ND	
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	ND	--	ND	
	Bromoform	--	--	ND	0.340	ND	--	ND	ND	--	ND	
	Chloroform	--	--	ND	ND	ND	--	ND	ND	--	ND	
	Dibromochloromethane	--	--	0.270	0.330	ND	--	ND	ND	--	ND	
	Total Trihalomethanes	80	MCL	0.270	0.670	ND	--	ND	ND	--	ND	



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

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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-THOM4205	F1-THOM4211	F1-THOM4216	F1-TOMI3179	F1-TOMI3215		F1-WARD5107	F1-WARD5109	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	4205 Thomas Way	4211 Thomas Way	4216 Thomas Way	3179 Tomich Court	3215 Tomich Court		5107 Warden Court	5109 Warden Court	
		Field Sample ID:	F1-TW-0008886-24092-N	F1-TW-0008892-24092-N	F1-TW-0008897-24092-N	F1-TW-0008901-24092-N	F1-TW-0008639-24092-N	F1-TW-0008639-24092-N-H	F1-TW-0008935-24092-N	F1-TW-0000350-24092-N	
		Sample Date:	2024-05-20	2024-05-20	2024-05-21	2024-05-20	2024-06-18	2024-06-18	2024-05-21	2024-05-22	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	4.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	650	460	680	610	580	150	540	490
Field Test (pH)	pH	--	--	7.29	7.43	7.43	7.43	7.33	7.26	7.34	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.240	0.250	0.240	0.260	0.230	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.5	23.9	25.3	27.8	27.8	41.8	25.7	27.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.950	0.200	0.300	0.600	0.930	0.750	0.260	3.64
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	51700	54600	51500	56800	--	55800	55000
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	17.0	20.0	16.6	23.1	43.2	--	33.6	53.6
	Lead	15	MCL	ND	0.130	0.140	0.200	ND	--	0.330	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	ND

**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 April 2024 - June 2024 from Residences in Zone F1**

		<b>Location ID:</b>	F1-THOM4205	F1-THOM4211	F1-THOM4216	F1-TOMI3179	F1-TOMI3215		F1-WARD5107	F1-WARD5109	
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		<b>Address:</b>	4205 Thomas Way	4211 Thomas Way	4216 Thomas Way	3179 Tomich Court	3215 Tomich Court		5107 Warden Court	5109 Warden Court	
		<b>Field Sample ID:</b>	F1-TW-0008886-24092-N	F1-TW-0008892-24092-N	F1-TW-0008897-24092-N	F1-TW-0008901-24092-N	F1-TW-0008639-24092-N	F1-TW-0008639-24092-N-H	F1-TW-0008935-24092-N	F1-TW-0000350-24092-N	
		<b>Sample Date:</b>	2024-05-20	2024-05-20	2024-05-21	2024-05-20	2024-06-18	2024-06-18	2024-05-21	2024-05-22	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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)	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Bromoform	--	--	0.370	0.340	0.500	ND	ND	--	ND	0.310
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	0.340	0.310	0.330	0.260	ND	--	ND	0.300
	Total Trihalomethanes	80	MCL	0.710	0.650	0.830	0.260	ND	--	ND	0.610

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

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Parts per Thousand (ppth)
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

		Location ID:	F1-WARD5125	F1-WARD5148	F1-WARD5150	F1-WARD5176		F1-WARD5180
		Location Type:	Residence	Residence	Residence	Residence		Residence
		Address:	5125 Warden Court	5148 Warden Court	5150 Warden Court	5176 Warden Court		5180 Warden Court
		Field Sample ID:	F1-TW-0000352-24092-N	F1-TW-0008662-24092-N	F1-TW-0000300-24092-N	F1-TW-0008681-24092-N	F1-TW-0008681-24092-N-H	F1-TW-0008685-24092-N
		Sample Date:	2024-05-20	2024-05-20	2024-05-21	2024-06-17	2024-06-17	2024-04-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	--
	E. coli	--	--	Absent	Absent	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	570	590	550	260	220
Field Test (pH)	pH	--	--	7.42	7.35	7.31	7.23	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.230	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.6	24.9	26.3	24.6	42.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.74	0.0580	0.550	0.770	0.330
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51400	52100	56000	60900	--
	Total Organic Carbon	--	--	ND	ND	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--
Metals (ppb)	Copper	1300	MCL	36.8	30.4	41.1	84.2	--
	Lead	15	MCL	0.300	ND	0.340	ND	--
	Mercury	2	MCL	ND	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	--

**Summary of Chemistry Results**

**Zone F1**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1**

				Location ID:	F1-WARD5125	F1-WARD5148	F1-WARD5150	F1-WARD5176		F1-WARD5180
				Location Type:	Residence	Residence	Residence	Residence		Residence
				Address:	5125 Warden Court	5148 Warden Court	5150 Warden Court	5176 Warden Court		5180 Warden Court
				Field Sample ID:	F1-TW-0000352-24092-N	F1-TW-0008662-24092-N	F1-TW-0000300-24092-N	F1-TW-0008681-24092-N	F1-TW-0008681-24092-N-H	F1-TW-0008685-24092-N
				Sample Date:	2024-05-20	2024-05-20	2024-05-21	2024-06-17	2024-06-17	2024-04-25
				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)	Benzene	5	MCL	ND	ND	ND	ND	--	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	--	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	--	ND	
	o-Xylene	--	--	ND	ND	ND	ND	--	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	--	ND	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	--	ND	
	Bromoform	--	--	0.370	ND	ND	ND	--	0.300	
	Chloroform	--	--	ND	ND	ND	ND	--	ND	
	Dibromochloromethane	--	--	0.360	ND	ND	ND	--	0.250	
	Total Trihalomethanes	80	MCL	0.730	ND	ND	ND	--	0.550	

**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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N (Normal) = Full compliance sample
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24092-N-1	F1-TW-0017726-24092-N-3	F1-TW-0017726-24092-N-2	F1-TW-0017726-24092-N-4-R1	F1-TW-0017726-24092-N-5-R1	F1-TW-0017726-24122-N-1	F1-TW-0017726-24122-N-2	F1-TW-0017726-24122-N-3
				Sample Date:	2024-04-08	2024-04-08	2024-04-08	2024-04-12	2024-04-12	2024-05-02	2024-05-02	2024-05-02
				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									
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	570	500	110	910	220	460	540	
Field Test (pH)	pH	--	--	7.32	7.34	7.34	7.34	7.37	7.33	7.38	7.36	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.230	0.230	0.230	0.230	0.220	0.220	
Field Test (degrees Celcius)	Temperature	--	--	25.9	24.3	23.7	24.2	23.1	25.0	23.9	24.9	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.410	0.390	0.340	0.450	0.460	0.00	0.00	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	55000	55000	52500	55000	51300	50000	47500	
	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	122	13.4	21.5	120	7.40	223	16.0	14.6	
	Lead	15	MCL	0.210	ND	0.190	0.180	0.250	0.170	ND	0.160	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	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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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone F1**

				F1-MOAN0001								
				School								
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI								
				Field Sample ID:	F1-TW-0017726-24092-N-1	F1-TW-0017726-24092-N-3	F1-TW-0017726-24092-N-2	F1-TW-0017726-24092-N-4-R1	F1-TW-0017726-24092-N-5-R1	F1-TW-0017726-24122-N-1	F1-TW-0017726-24122-N-2	F1-TW-0017726-24122-N-3
				Sample Date:	2024-04-08	2024-04-08	2024-04-08	2024-04-12	2024-04-12	2024-05-02	2024-05-02	2024-05-02
				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)	Benzene	5	MCL	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
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.430	ND	ND	0.260	ND	0.360	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.430	ND	ND	0.260	ND	0.360	ND	ND	ND

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

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone F1**

				F1-MOAN0001							
				School							
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI							
				Field Sample ID:	F1-TW-0017726-24122-N-4	F1-TW-0017726-24122-N-5	F1-TW-0017726-24153-N-1	F1-TW-0017726-24153-N-2	F1-TW-0017726-24153-N-3	F1-TW-0017726-24153-N-4	F1-TW-0017726-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-06-04	2024-06-04	2024-06-04	2024-06-04	2024-06-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	--	--	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	202	ND	ND	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	220	580	220	490	300	210	590	
Field Test (pH)	pH	--	--	7.33	7.33	7.26	7.31	7.33	7.38	7.32	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.250	0.160	0.220	0.250	134	0.620	
Field Test (degrees Celcius)	Temperature	--	--	25.0	23.9	29.2	25.7	30.5	29.8	40.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.210	0.490	1.12	0.470	0.560	7.64	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	52500	51700	54100	53700	54200	54900	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	209	8.20	265	26.5	31.0	270	32.4	
	Lead	15	MCL	ND	ND	0.200	0.210	0.150	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	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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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone F1**

				F1-MOAN0001							
				School							
				Pearl Harbor Elementary School, 1 Moanalua Ridge, Honolulu, HI							
				Field Sample ID:	F1-TW-0017726-24122-N-4	F1-TW-0017726-24122-N-5	F1-TW-0017726-24153-N-1	F1-TW-0017726-24153-N-2	F1-TW-0017726-24153-N-3	F1-TW-0017726-24153-N-4	F1-TW-0017726-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-06-04	2024-06-04	2024-06-04	2024-06-04	2024-06-04
				Sample Type:	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)	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	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
	o-Xylene	--	--	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	--	--	ND	ND	0.820	ND	ND	0.360	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.390	ND	ND	0.290	0.310	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.21	ND	ND	0.650	0.310	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)
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from 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-0014170-24092-N-1	F1-TW-0014170-24092-N-2	F1-TW-0014170-24122-N-1	F1-TW-0014170-24122-3-N-1	F1-TW-0014170-24122-N-2	F1-TW-0014170-24153-N-1	F1-TW-0014170-24153-N-2
				Sample Date:	2024-04-08	2024-04-08	2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	--	Absent	Absent
	E. coli	--	--	--	--	--	--	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	--	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	610	610	440	--	480	220	520	
Field Test (pH)	pH	--	--	7.38	7.36	7.43	--	7.46	7.37	5.57	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	0.220	--	0.220	0.440	0.270	
Field Test (degrees Celcius)	Temperature	--	--	25.1	24.5	25.4	--	25.2	24.9	29.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.600	0.520	0.000930	--	0.00	17.9	2.43	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	52500	55000	52500	52500	51900	53600	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	9.80	14.1	6.70	7.20	9.10	7.30	8.10	
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**

**Zone 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 April 2024 - June 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-0014170-24092-N-1	F1-TW-0014170-24092-N-2	F1-TW-0014170-24122-N-1	F1-TW-0014170-24122-3-N-1	F1-TW-0014170-24122-N-2	F1-TW-0014170-24153-N-1	F1-TW-0014170-24153-N-2
				Sample Date:	2024-04-08	2024-04-08	2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	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
	o-Xylene	--	--	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	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	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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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD009A			F1-HYD014A			F1-HYD017B			
		Location Type: Hydrant			Hydrant			Hydrant			
		Address: FH ID: FH:9A			FH ID: FH:14A			FH ID: FH:17B			
		Field Sample ID: F1-DL-0017719-24092	F1-DL-0017719-24122	F1-DL-0017719-24153	F1-DL-0017720-24092	F1-DL-0017720-24122	F1-DL-0017720-24122	F1-DL-0017720-24153	F1-DL-0017721-24092		
		-N	-N	-N	-N	-N	-3-N	-N	-N		
		Sample Date: 2024-04-16	2024-05-20	2024-06-18	2024-04-16	2024-05-02	2024-05-02	2024-06-17	2024-04-16		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	--	--	Absent	--	
	E. coli	--	--	--	Absent	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	--	--	ND	--	
Field Test (ppb)	Free Chlorine	4000	MCL	530	170	960	360	330	--	840	400
Field Test (pH)	pH	--	--	7.18	7.20	7.42	7.23	7.33	--	7.38	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.260	0.230	0.260	--	0.250	0.230
Field Test (degrees Celcius)	Temperature	--	--	27.7	25.5	27.9	27.7	27.2	--	27.9	26.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.880	0.340	49.6	0.520	0.290	--	0.00	0.490
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	60000	54400	56200	55000	50000	52500	60000	55000
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	0.0190	0.0190	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-HYD009A			Location ID: F1-HYD014A			Location ID: F1-HYD017B	
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
				Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant	
				Address: FH ID: FH:9A			Address: FH ID: FH:14A			Address: FH ID: FH:17B	
				F1-DL-0017719-24092 -N	F1-DL-0017719-24122 -N	F1-DL-0017719-24153 -N	F1-DL-0017720-24092 -N	F1-DL-0017720-24122 -N	F1-DL-0017720-24122 -3-N	F1-DL-0017720-24153 -N	F1-DL-0017721-24092 -N
				2024-04-16	2024-05-20	2024-06-18	2024-04-16	2024-05-02	2024-05-02	2024-06-17	2024-04-16
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	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	--	--	0.580	0.390	0.470	0.480	0.360	0.460	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.410	0.310	0.390	0.340	0.280	0.290	ND	ND
	Total Trihalomethanes	80	MCL	0.990	0.700	0.860	0.820	0.640	0.750	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
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**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD017B		F1-HYD028A				F1-HYD029A			
		Hydrant		Hydrant				Hydrant			
		FH ID: FH:17B		FH ID: FH:28A				FH ID: FH:29A			
		Field Sample ID: F1-DL-0017721-24122	F1-DL-0017721-24153	F1-DL-0017722-24092	F1-DL-0017722-24122	F1-DL-0017722-24122	F1-DL-0017722-24153	F1-DL-0017723-24092	F1-DL-0017723-24122		
		-N	-N	-N	-N	-3-N	-N	-N	-N		
		Sample Date: 2024-05-02	2024-06-18	2024-04-16	2024-05-21	2024-05-21	2024-06-18	2024-04-16	2024-05-21		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	Absent	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	--	ND	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	590	600	460	520	--	380	500	590
Field Test (pH)	pH	--	--	7.36	7.30	--	7.40	--	7.41	--	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	--	0.250	--	0.260	--	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.9	27.4	--	26.8	--	30.3	--	28.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.490	0.00	--	0.420	--	0.00	--	6.42
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	54200	55000	56400	56000	58500	55000	55600
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	200	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0240	ND	ND	ND	0.0140	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	--	ND	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone 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)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-HYD017B		F1-HYD028A				F1-HYD029A		
				Location ID: F1-HYD017B	Location Type: Hydrant	Address: FH ID: FH:17B	Field Sample ID: F1-DL-0017721-24122	Field Sample ID: F1-DL-0017721-24153	Field Sample ID: F1-DL-0017722-24092	Field Sample ID: F1-DL-0017722-24122	Field Sample ID: F1-DL-0017722-24122	Field Sample ID: F1-DL-0017722-24153
				-N	-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Date: 2024-05-02	Sample Date: 2024-06-18	Sample Date: 2024-04-16	Sample Date: 2024-05-21	Sample Date: 2024-05-21	Sample Date: 2024-06-18	Sample Date: 2024-04-16	Sample Date: 2024-05-21	
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.280	0.320	0.490	0.400	0.390	ND	0.400	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.330	0.310	0.320	0.300	0.270	0.370	ND	ND
	Total Trihalomethanes	80	MCL	0.280	0.650	0.800	0.720	0.690	0.270	0.770	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
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD029A		F1-HYD037A				F1-HYD0609			
		Location Type: Hydrant		Hydrant		Hydrant		Hydrant			
		Address: FH ID: FH:29A		FH ID: FH:37A		FH ID: FH:37A		FH ID: FH:609			
		Field Sample ID: F1-DL-0017723-24153	F1-DL-0017724-24092	F1-DL-0017724-24122	F1-DL-0017724-24153	F1-DL-0017725-24092	F1-DL-0017725-24092	F1-DL-0017725-24122	F1-DL-0017725-24122	F1-DL-0017725-24153	
		-N	-N	-N	-N	-N	-3-N	-N	-N	-N	
		Sample Date: 2024-06-18	2024-04-16	2024-05-21	2024-06-18	2024-04-25	2024-04-25	2024-05-21	2024-05-21	2024-06-18	
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	--	Absent	Absent
	E. coli	--	--	Absent	--	Absent	Absent	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	15.0	2.00	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	420	30.0	100	40.0	60.0	--	220	530
Field Test (pH)	pH	--	--	7.33	--	7.60	7.54	7.63	--	7.64	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.200	--	0.250	0.250	0.270	--	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	29.2	--	32.1	32.8	28.0	--	30.2	27.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	--	0.510	17.7	0.780	--	0.390	0.530
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	55000	59700	61000	45300	37500	59600	56800
	Total Organic Carbon	--	--	ND	ND	ND	210	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0200	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	0.00850	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	--	--	ND	--	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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

<b>Notes:</b>
ND = Not Detected
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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
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		<b>Location ID:</b>		<b>Location Type:</b>				<b>Address:</b>											
		F1-HYD029A		F1-HYD037A				F1-HYD0609											
		Hydrant		Hydrant				Hydrant											
		FH ID: FH:29A		FH ID: FH:37A				FH ID: FH:609											
		<b>Field Sample ID:</b>		F1-DL-0017723-24153		F1-DL-0017724-24092		F1-DL-0017724-24122		F1-DL-0017724-24153		F1-DL-0017725-24092		F1-DL-0017725-24092		F1-DL-0017725-24122		F1-DL-0017725-24153	
		-N		-N		-N		-N		-N		-3-N		-N		-N		-N	
		<b>Sample Date:</b>		2024-06-18		2024-04-16		2024-05-21		2024-06-18		2024-04-25		2024-04-25		2024-05-21		2024-06-18	
		<b>Sample Type:</b>		N (Normal)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		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)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	6.50	4.00	3.70	2.20	2.40	2.10	0.310	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	0.550	0.310	0.350	0.460	0.490	0.910	0.290	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.270	7.05	4.31	4.05	2.66	2.89	3.27	0.600	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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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		Location ID:		F1-HYD2134		
		Location Type:		Hydrant		
		Address:		FH ID: FH-11A		
		Field Sample ID:		F1-DL-0000595-24092	F1-DL-0000595-24122	F1-DL-0000595-24153
				-N	-N	-N
		Sample Date:		2024-04-25	2024-05-21	2024-06-18
		Sample Type:		N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent
	E. coli	--	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	520	520
Field Test (pH)	pH	--	--	7.34	7.25	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.230	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.3	25.6	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.410	0.550
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	47500	52100	57500
	Total Organic Carbon	--	--	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND
	Benzene	5	MCL	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
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1**

		Location ID: F1-HYD2134				
		Location Type: Hydrant				
		Address: FH ID: FH-11A				
		Field Sample ID: F1-DL-0000595-24092	F1-DL-0000595-24122	F1-DL-0000595-24153		
		-N	-N	-N		
		Sample Date: 2024-04-25	2024-05-21	2024-06-18		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	ND	0.360	0.310
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	0.260	ND	0.270
	Total Trihalomethanes	80	MCL	0.260	0.360	0.580

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone F1**

		Location ID: F1-BLDG0055		F1-BLDG0X21		F1-BLDG2655					
		Location Type: Non-Residence		Non-Residence		Medical Building					
		Address: Building 55,ADMIN OFFICE		Building X21,WELDING SHOP		Building 2655,FOOD/SERVICE STORES					
		Field Sample ID: F1-TW-0015371-24092-N		F1-TW-0015323-24092-N		F1-TW-0015332-24092-N-2	F1-TW-0015332-24092-N-1	F1-TW-0015332-24122-N-1	F1-TW-0015332-24122-N-2	F1-TW-0015332-24153-N-1	F1-TW-0015332-24153-3-N-1
		Sample Date: 2024-05-17		2024-05-17		2024-04-16	2024-04-16	2024-05-02	2024-05-02	2024-06-04	2024-06-04
		Sample Type: N (Normal)		N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	--	--	--	Absent	Absent
	E. coli	--	--	Absent	Absent	--	--	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	ND	--	--	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	550	550	450	390	400	550	450	--
Field Test (pH)	pH	--	--	7.44	7.36	7.34	7.33	7.32	7.41	7.41	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.260	0.260	0.230	0.230	0.230	--
Field Test (degrees Celcius)	Temperature	--	--	26.9	26.2	22.5	22.6	24.7	23.4	24.8	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.820	0.710	0.210	0.390	0.300	0.000110	0.120	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	55000	55000	55000	52500	52000	53600
	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	--	--	24.0	19.8	13.3	12.7	13.3	13.4
	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
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	0.0200	ND	ND	ND
	Naphthalene	--	--	--	--	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 Thousand (ppth)
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**Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone F1**

		Location ID:	F1-BLDG0055	F1-BLDG0X21	F1-BLDG2655						
		Location Type:	Non-Residence	Non-Residence	Medical Building						
		Address:	Building 55,ADMIN OFFICE	Building X21,WELDING SHOP	Building 2655,FOOD/SERVICE STORES						
		Field Sample ID:	F1-TW-0015371-24092-N	F1-TW-0015323-24092-N	F1-TW-0015332-24092-N-2	F1-TW-0015332-24092-N-1	F1-TW-0015332-24122-N-1	F1-TW-0015332-24122-N-2	F1-TW-0015332-24153-N-1	F1-TW-0015332-24153-3-N-1	
		Sample Date:	2024-05-17	2024-05-17	2024-04-16	2024-04-16	2024-05-02	2024-05-02	2024-06-04	2024-06-04	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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
	Ethylbenzene	700	MCL	--	--	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	--	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	--	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	--	--	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	--	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	--	--	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results**  
**Zone 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 April 2024 - June 2024 from Other Buildings in Zone F1**

		<b>Location ID:</b>	F1-BLDG2655
		<b>Location Type:</b>	Medical Building
		<b>Address:</b>	Building 2655,FOOD/SERVICE STORES
		<b>Field Sample ID:</b>	F1-TW-0015332- 24153-N-2
		<b>Sample Date:</b>	2024-06-04
		<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)	1,2,4-Trimethylbenzene	--	--
	1,3,5-Trimethylbenzene	--	--
	Benzene	5	MCL
	Ethylbenzene	700	MCL
	m,p-Xylene	--	--
	o-Xylene	--	--
	Toluene	1000	MCL
	Xylenes, Total	10000	MCL
Trihalomethanes (ppb)	Bromodichloromethane	--	--
	Bromoform	--	--
	Chloroform	--	--
	Dibromochloromethane	--	--
	Total Trihalomethanes	80	MCL