

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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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	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	--	--	0.270	ND	--	0.830	0.320	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	0.500	0.270	0.250	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.270	ND	--	1.33	0.590	0.250	ND	ND	ND

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

		Location ID:	F1-BENN5561		F1-BENN5568	F1-BENN5629	F1-CAKO4509		F1-CAKO4513	F1-CAKO4517	
		Location Type:	Residence		Residence	Residence	Residence		Residence	Residence	
		Address:	5561 Bennion Drive		5568 Bennion Drive	5629 Bennion Court	4509 Cakon Place		4513 Cakon Place	4517 Cakon Place	
		Field Sample ID:	F1-TW-0008603-24092-N-H-WQI	F1-TW-0008603-24092-N-WQI	F1-TW-0008609-24092-N	F1-TW-0000319-24092-N	F1-TW-0008732-24092-N-H-WQI	F1-TW-0008732-24092-N-WQI	F1-TW-0008736-24092-N	F1-TW-0000357-24092-N	
		Sample Date:	2024-06-28	2024-06-28	2024-05-21	2024-05-22	2024-06-04	2024-06-04	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	ND
Field Test (ppb)	Free Chlorine	4000	MCL	320	290	70.0	650	490	150	610	700
Field Test (pH)	pH	--	--	7.25	7.17	7.37	7.34	7.51	7.43	7.34	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	0.230	0.240	0.250	0.230	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	38.9	26.0	27.7	25.3	41.6	23.1	24.0	25.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.250	0.660	0.410	0.000660	0.00	0.550	0.650
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58600	53900	55800	--	52000	54500	57600
	Total Organic Carbon	--	--	--	ND	ND	ND	--	350	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	--	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	--	32.1	32.6	50.9	--	55.6	22.0	42.4
	Lead	15	MCL	--	ND	ND	0.240	--	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	0.0130	0.0130	--	ND	0.0140	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:	2024-06-28	2024-06-28	2024-05-21	2024-05-22	2024-06-04	2024-06-04	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
	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	0.310	0.300	--	0.390	ND	ND
	Chloroform	--	--	--	ND	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	--	ND	0.280	ND	--	0.320	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	0.590	0.300	--	0.710	ND	ND

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

				Location ID: F1-CLAR4405	F1-CLAR4421	F1-FLAH4334		F1-FUQU5209		F1-FUQU5305	
				Residence	Residence	Residence		Residence		Residence	
				Address: 4405 Clarey Boulevard	4421 Clarey Boulevard	4334 Flaherty Circle		5209 Fuqua Lane		5305 Fuqua Street	
				Field Sample ID: F1-TW-0009176-24092-N	F1-TW-0009191-24092-N	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
				Sample Date: 2024-05-22	2024-05-22	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	Absent	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	171	ND
Field Test (ppb)	Free Chlorine	4000	MCL	350	290	530	230	540	550	450	430
Field Test (pH)	pH	--	--	7.39	7.34	7.35	7.34	7.38	7.36	7.34	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.220	0.240	0.260	0.230	0.240	0.230	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.8	22.3	28.6	54.3	25.6	36.2	28.2	47.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.300	0.110	0.00	0.00	0.510	0.0340	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56600	58200	51200	--	54200	--	52900	--
	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	78.1	63.3	47.8	--	34.5	--	40.3	--
	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	--
	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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				Field Sample ID: F1-TW-0009176-24092-N	F1-TW-0009191-24092-N	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
				Sample Date: 2024-05-22	2024-05-22	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30	2024-05-30
				Sample Type: N (Normal)	N (Normal)	N (Normal)	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	--	--	0.390	ND	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.380	0.270	0.260	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.770	0.270	0.260	--	ND	--	ND	--

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				Location ID: F1-JONE4803	F1-KIDD5000		F1-KIDD5011		F1-KIDD5018		F1-KIDD5024
				Residence	Residence		Residence		Residence		Residence
				4803 Jones Court	5000 Kidd Street		5011 Kidd Street		5018 Kidd Street		5024 Kidd Street
				Field Sample ID: F1-TW-0008775-24092-N	F1-TW-0008809-24092-N	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
				Sample Date: 2024-05-22	2024-06-17	2024-06-17	2024-06-18	2024-06-18	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	--	Absent
	E. coli	--	--	Absent	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	2.00	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	540	720	690	470	430	480	420	490
Field Test (pH)	pH	--	--	7.35	7.39	7.46	7.17	7.14	7.13	7.41	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.250	0.250	0.260	0.240	0.270	--
Field Test (degrees Celcius)	Temperature	--	--	27.6	27.2	25.5	24.5	40.8	25.7	43.3	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.650	0.0110	0.00250	0.240	0.250	0.130	0.0550	0.290
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55500	65000	--	58200	--	69400	--	64900
	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	52.5	35.3	--	38.3	--	36.5	--	105
	Lead	15	MCL	ND	0.170	--	ND	--	0.550	--	ND
	Mercury	2	MCL	ND	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	ND	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone F1

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

Notes:
ND = Not Detected
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Parts per Million (ppm)
Parts per Thousand (ppth)
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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-KIDD5000		F1-KIDD5011		F1-KIDD5018		F1-KIDD5024	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	5000 Kidd Street		5011 Kidd Street		5018 Kidd Street		5024 Kidd Street	
				Field Sample ID:	F1-TW-0008809-24092-N	F1-TW-0008809-24092-N	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
				Sample Date:	2024-05-22	2024-06-17	2024-06-17	2024-06-18	2024-06-18	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)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	ND	--	ND	--	ND	--	ND	
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	--	ND	
	m,p-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND	
	o-Xylene	--	--	ND	ND	--	ND	--	ND	--	ND	
	Toluene	1000	MCL	ND	ND	--	ND	--	ND	--	ND	
	Xylenes, Total	10000	MCL	ND	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--	ND	--	ND	
	Bromoform	--	--	ND	ND	--	ND	--	ND	--	ND	
	Chloroform	--	--	ND	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	ND	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone 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 April 2024 - June 2024 from Residences in Zone F1

		Location ID:	F1-KIDD5024	F1-KIDD5032		F1-KIDD5034		F1-MCMO5454		F1-MCMO5457	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5024 Kidd Street	5032 Kidd Street		5034 Kidd Street		5454 McMorris Drive		5457 McMorris Drive	
		Field Sample ID:	F1-TW-0008824-24092-N-H	F1-TW-0008829-24092-N	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	
		Sample Date:	2024-06-17	2024-06-17	2024-06-17	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	93.0	4.00	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	560	390	330	980	570	730	520	520
Field Test (pH)	pH	--	--	7.10	7.15	7.16	7.37	7.49	7.30	7.54	7.50
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.250	0.260	0.250	0.260	0.260	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	--	28.2	44.8	28.2	38.6	28.1	38.4	28.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.240	0.340	0.00170	8.95	0.00	0.130	0.00	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	62500	--	66000	--	62800	--	65000
	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	--	40.4	--	73.7	--	32.9	--	35.1
	Lead	15	MCL	--	ND	--	0.560	--	1.70	--	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 Thousand (ppth)
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1

		Location ID:	F1-KIDD5024	F1-KIDD5032		F1-KIDD5034		F1-MCMO5454		F1-MCMO5457	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5024 Kidd Street	5032 Kidd Street		5034 Kidd Street		5454 McMorris Drive		5457 McMorris Drive	
		Field Sample ID:	F1-TW-0008824-24092-N-H	F1-TW-0008829-24092-N	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	
		Sample Date:	2024-06-17	2024-06-17	2024-06-17	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								
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	--	0.260	--	0.270	--	0.300
	Total Trihalomethanes	80	MCL	--	ND	--	0.260	--	0.270	--	0.300

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-MCMO5457		F1-MCMO5464		F1-MORE3001		F1-MORE3314		F1-PHAR4311	
		Residence		Residence		Residence		Residence		Residence	
		5457 McMorris Drive		5464 McMorris Drive		3001 Moreell Circle		3314 Moreell Street		4311 Pharris Place	
		F1-TW-0008867-24092-N-H		F1-TW-0000335-24092-N	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	
		2024-06-17		2024-05-30	2024-05-30	2024-06-18	2024-06-18	2024-06-17	2024-06-17	2024-06-18	
		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	4.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	450	750	690	420	100	1120	160	580
Field Test (pH)	pH	--	--	7.49	7.36	7.41	7.23	7.34	7.37	7.46	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.230	0.250	0.250	0.260	0.250	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	52.4	27.5	42.8	29.2	47.3	26.1	43.8	22.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.570	0.0120	0.00	0.860	0.270	0.00160	0.00	0.00790
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55700	--	58100	--	61300	--	57400
	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	--	37.6	--	32.8	--	36.2	--	20.3
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

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-MCMO5464		F1-MORE3001		F1-MORE3314		F1-PHAR4311
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F1-MCMO5457	F1-MCMO5464		F1-MORE3001		F1-MORE3314		F1-PHAR4311
				Residence	Residence		Residence		Residence		Residence
				5457 McMorris Drive	5464 McMorris Drive		3001 Moreell Circle		3314 Moreell Street		4311 Pharris Place
				F1-TW-0008867-24092-N-H	F1-TW-0000335-24092-N	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
				2024-06-17	2024-05-30	2024-05-30	2024-06-18	2024-06-18	2024-06-17	2024-06-17	2024-06-18
				N (Normal)	N (Normal)						
				--	ND	--	ND	--	ND	--	ND
Volatiles 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	--	--	--	0.310	--	ND	--	0.360	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.310	--	ND	--	0.290	--	ND
	Total Trihalomethanes	80	MCL	--	0.620	--	ND	--	0.650	--	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-PHAR4318		F1-ROOD4103		F1-ROOD4117	F1-ROOD4121	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F1-PHAR4311	F1-PHAR4318	F1-PHAR4318	F1-ROOD4103	F1-ROOD4103	F1-ROOD4117	F1-ROOD4121	F1-ROOD4121
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				4311 Pharris Place	4318 Pharris Place	4318 Pharris Place	4103 Rood Court	4103 Rood Court	4117 Rood Court	4121 Rood Court	4121 Rood Court
				F1-TW-0009049-24092-N-H	F1-TW-0000311-24092-N	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	F1-TW-0009113-24092-N-H
				2024-06-18	2024-06-18	2024-06-18	2024-05-30	2024-05-30	2024-05-22	2024-06-17	2024-06-17
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	19.0	6.00	59.0	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	540	370	180	420	280	670	540	100
Field Test (pH)	pH	--	--	7.26	7.25	7.50	7.31	7.19	7.38	7.35	7.44
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.260	0.170	0.250	0.240	0.220	0.260
Field Test (degrees Celcius)	Temperature	--	--	42.5	25.2	42.2	28.7	45.8	25.9	27.0	48.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.810	0.500	0.870	0.600	0.440	0.630	0.220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	59900	--	52200	--	57700	61600	--
	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	--	56.1	--	36.5	--	18.7	14.0	--
	Lead	15	MCL	--	1.20	--	0.500	--	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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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-PHAR4318		F1-PHAR4318		F1-ROOD4103		F1-ROOD4117	F1-ROOD4121														
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	F1-PHAR4311 Residence 4311 Pharris Place	F1-TW-0009049-24092-N-H	2024-06-18	N (Normal)	F1-TW-0000311-24092-N	2024-06-18	N (Normal)	F1-TW-0000287-24092-N	2024-05-30	N (Normal)	F1-TW-0000287-24092-N-H	2024-05-30	N (Normal)	F1-TW-0000325-24092-N	2024-05-22	N (Normal)	F1-TW-0009113-24092-N	2024-06-17	N (Normal)	F1-TW-0009113-24092-N-H	2024-06-17	N (Normal)	
	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																							

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

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

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

		Location ID:		F1-SCOT4617		F1-TAYL3436	F1-TAYL3462	F1-TAYL3476		F1-TAYL3484	F1-TAYL3486
		Location Type:		Residence		Residence	Residence	Residence		Residence	Residence
		Address:		4617 Scott Loop		3436 Taylor Street	3462 Taylor Street	3476 Taylor Street		3484 Taylor Street	3486 Taylor Street
		Field Sample ID:		F1-TW-0009139-24092-N	F1-TW-0009139-24092-N-H	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
		Sample Date:		2024-06-18	2024-06-18	2024-05-22	2024-05-22	2024-06-17	2024-06-17	2024-05-21	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	Absent
	E. coli	--	--	Absent	--	Absent	Absent	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	2.00	ND	ND	2.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	440	120	670	650	640	420	570	790
Field Test (pH)	pH	--	--	7.12	7.27	7.38	7.35	7.34	7.44	7.34	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.240	0.240	0.240	0.270	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.4	41.8	25.5	26.1	25.6	51.3	25.9	25.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.33	0.540	0.640	1.18	0.720	0.690	1.20	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	61200	--	56000	55400	63800	--	54600	64000
	Total Organic Carbon	--	--	ND	--	ND	ND	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	86.0	--	12.5	21.0	30.2	--	27.9	28.0
	Lead	15	MCL	0.130	--	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

Notes:
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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Parts per Million (ppm)
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1

		Location ID: F1-SCOT4617		F1-TAYL3436		F1-TAYL3462		F1-TAYL3476		F1-TAYL3484		F1-TAYL3486	
		Residence		Residence		Residence		Residence		Residence		Residence	
		4617 Scott Loop		3436 Taylor Street		3462 Taylor Street		3476 Taylor Street		3484 Taylor Street		3486 Taylor Street	
		F1-TW-0009139-24092-N		F1-TW-0009139-24092-N-H		F1-TW-0008548-24092-N		F1-TW-0008560-24092-N		F1-TW-0000344-24092-N		F1-TW-0000344-24092-N-H	
		2024-06-18		2024-06-18		2024-05-22		2024-05-22		2024-06-17		2024-06-17	
		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	ND	ND	--	ND	ND		
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	--	ND	ND		
	m,p-Xylene	--	--	ND	--	ND	ND	ND	--	ND	ND		
	o-Xylene	--	--	ND	--	ND	ND	ND	--	ND	ND		
	Toluene	1000	MCL	ND	--	ND	ND	ND	--	ND	ND		
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	--	ND	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	--	ND	ND		
	Bromoform	--	--	ND	--	ND	0.340	ND	--	ND	ND		
	Chloroform	--	--	ND	--	ND	ND	ND	--	ND	ND		
	Dibromochloromethane	--	--	0.260	--	0.270	0.330	ND	--	ND	ND		
	Total Trihalomethanes	80	MCL	0.260	--	0.270	0.670	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 Residences in Zone F1

		Location ID:	F1-TAYL3486	F1-TAYL3498	F1-THOM4205	F1-THOM4211	F1-THOM4216	F1-TOMI3179	F1-TOMI3215		
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
		Address:	3486 Taylor Street	3498 Taylor Street	4205 Thomas Way	4211 Thomas Way	4216 Thomas Way	3179 Tomich Court	3215 Tomich Court		
		Field Sample ID:	F1-TW-0000358-24092-N-H	F1-TW-0008881-24092-N	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	
		Sample Date:	2024-06-17	2024-05-21	2024-05-20	2024-05-20	2024-05-21	2024-05-20	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	Absent	Absent	--
	E. coli	--	--	--	Absent	Absent	Absent	Absent	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND						
Field Test (ppb)	Free Chlorine	4000	MCL	410	430	650	460	680	610	580	150
Field Test (pH)	pH	--	--	7.19	7.38	7.29	7.43	7.43	7.43	7.33	7.26
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.240	0.230	0.240	0.250	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	46.2	22.9	25.5	23.9	25.3	27.8	27.8	41.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.290	0.00	0.950	0.200	0.300	0.600	0.930	0.750
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55300	53100	51700	54600	51500	56800	--
	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	--	33.3	17.0	20.0	16.6	23.1	43.2	--
	Lead	15	MCL	--	ND	ND	0.130	0.140	0.200	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

Notes:
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EAL = DOH Environmental Action Level
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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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-- = No Information Available
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1

				Location ID:	F1-TAYL3486	F1-TAYL3498	F1-THOM4205	F1-THOM4211	F1-THOM4216	F1-TOMI3179	F1-TOMI3215	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	3486 Taylor Street	3498 Taylor Street	4205 Thomas Way	4211 Thomas Way	4216 Thomas Way	3179 Tomich Court	3215 Tomich Court	
				Field Sample ID:	F1-TW-0000358-24092-N-H	F1-TW-0008881-24092-N	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
				Sample Date:	2024-06-17	2024-05-21	2024-05-20	2024-05-20	2024-05-21	2024-05-20	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									
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	--	--	--	ND	0.370	0.340	0.500	ND	ND	ND	--
	Chloroform	--	--	--	ND	ND	ND	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	--	ND	0.340	0.310	0.330	0.260	ND	ND	--
	Total Trihalomethanes	80	MCL	--	ND	0.710	0.650	0.830	0.260	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-WARD5107	F1-WARD5109	F1-WARD5125	F1-WARD5148	F1-WARD5150	F1-WARD5176		F1-WARD5180	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	5107 Warden Court	5109 Warden Court	5125 Warden Court	5148 Warden Court	5150 Warden Court	5176 Warden Court		5180 Warden Court	
		Field Sample ID:	F1-TW-0008935-24092-N	F1-TW-0000350-24092-N	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:	2024-05-21	2024-05-22	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)	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	--	--	4.00	ND	ND	ND	ND	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	540	490	570	590	550	260	220	350
Field Test (pH)	pH	--	--	7.34	7.33	7.42	7.35	7.31	7.23	7.25	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	0.250	0.230	0.230	0.250	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.7	27.4	25.6	24.9	26.3	24.6	42.0	25.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.260	3.64	1.74	0.0580	0.550	0.770	0.330	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55800	55000	51400	52100	56000	60900	--	49500
	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	33.6	53.6	36.8	30.4	41.1	84.2	--	45.8
	Lead	15	MCL	0.330	ND	0.300	ND	0.340	ND	--	0.190
	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)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone F1

		Location ID:	F1-WARD5107	F1-WARD5109	F1-WARD5125	F1-WARD5148	F1-WARD5150	F1-WARD5176		F1-WARD5180	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	5107 Warden Court	5109 Warden Court	5125 Warden Court	5148 Warden Court	5150 Warden Court	5176 Warden Court		5180 Warden Court	
		Field Sample ID:	F1-TW-0008935-24092-N	F1-TW-0000350-24092-N	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:	2024-05-21	2024-05-22	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)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	--	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Bromoform	--	--	ND	0.310	0.370	ND	ND	ND	--	0.300
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	ND	0.300	0.360	ND	ND	ND	--	0.250
	Total Trihalomethanes	80	MCL	ND	0.610	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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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-2	F1-TW-0017726-24092-N-3	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-4
				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	500	570	110	910	220	460	220	
Field Test (pH)	pH	--	--	7.32	7.34	7.34	7.34	7.37	7.33	7.38	7.33	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.230	0.230	0.230	0.230	0.220	0.230	
Field Test (degrees Celcius)	Temperature	--	--	25.9	23.7	24.3	24.2	23.1	25.0	23.9	25.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.410	0.340	0.390	0.450	0.460	0.00	0.00	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	55000	55000	52500	55000	51300	50000	50000	
	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	21.5	13.4	120	7.40	223	16.0	209	
	Lead	15	MCL	0.210	0.190	ND	0.180	0.250	0.170	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	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-2	F1-TW-0017726-24092-N-3	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-4
				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

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Parts per Million (ppm)
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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-3	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)						
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	540	580	220	490	300	210	590	
Field Test (pH)	pH	--	--	7.36	7.33	7.26	7.31	7.33	7.38	7.32	
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.250	0.160	0.220	0.250	134	0.620	
Field Test (degrees Celcius)	Temperature	--	--	24.9	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)	--	--	47500	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	14.6	8.20	265	26.5	31.0	270	32.4	
	Lead	15	MCL	0.160	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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Parts per Thousand (ppth)
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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-3	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)						
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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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-N-2	F1-TW-0014170-24122-3-N-1	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)	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	--	--	--	--	--	--	--	--	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	52500	51900	53600
	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	9.80	14.1	6.70	9.10	7.20	7.20	7.30	8.10
	Lead	15	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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 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-N-2	F1-TW-0014170-24122-3-N-1	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)	N (Normal)	FD (Field Duplicate)	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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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	F1-HYD017B		F1-HYD028A				F1-HYD029A	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: F1-HYD017B		Location ID: F1-HYD028A				Location ID: F1-HYD029A	
				Location Type: Hydrant		Location Type: Hydrant				Location Type: Hydrant	
				Address: FH ID: FH:17B		Address: FH ID: FH:28A				Address: FH ID: FH:29A	
				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
				2024-05-02	2024-06-18	2024-04-16	2024-05-21	2024-05-21	2024-06-18	2024-04-16	2024-05-21
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	Absent	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	--	ND	ND	ND	--	ND
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

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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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-HYD017B		F1-HYD028A				F1-HYD029A				
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				F1-HYD017B	Hydrant	FH ID: FH:17B	F1-DL-0017721-24122 -N	F1-DL-0017721-24153 -N	F1-DL-0017722-24092 -N	F1-DL-0017722-24122 -N	F1-DL-0017722-24122 -3-N	F1-DL-0017722-24153 -N	F1-DL-0017723-24092 -N	F1-DL-0017723-24122 -N
							2024-05-02	2024-06-18	2024-04-16	2024-05-21	2024-05-21	2024-06-18	2024-04-16	2024-05-21
							N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	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
	o-Xylene	--	--	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
	Xylenes, Total	10000	MCL	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
	Bromoform	--	--	0.280	0.320	0.490	0.400	0.390	ND	0.400	ND	0.400	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.330	0.310	0.320	0.300	0.270	0.370	ND	0.370	ND	ND
	Total Trihalomethanes	80	MCL	0.280	0.650	0.800	0.720	0.690	0.270	0.770	ND	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)
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone 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

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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 Hydrants in Zone F1

		Location ID: F1-HYD029A		Location ID: F1-HYD037A				Location ID: F1-HYD0609									
		Location Type: Hydrant		Location Type: Hydrant				Location Type: Hydrant									
		Address: FH ID: FH:29A		Address: FH ID: FH:37A				Address: FH ID: FH:609									
		Field Sample ID: F1-DL-0017723-24153		Field Sample ID: F1-DL-0017724-24092		Field Sample ID: F1-DL-0017724-24122		Field Sample ID: F1-DL-0017724-24153		Field Sample ID: F1-DL-0017725-24092		Field Sample ID: F1-DL-0017725-24092		Field Sample ID: F1-DL-0017725-24122		Field Sample ID: F1-DL-0017725-24153	
		-N		-N		-N		-N		-N		-3-N		-N		-N	
		Sample Date: 2024-06-18		Sample Date: 2024-04-16		Sample Date: 2024-05-21		Sample Date: 2024-06-18		Sample Date: 2024-04-25		Sample Date: 2024-04-25		Sample Date: 2024-05-21		Sample Date: 2024-06-18	
		Sample Type: N (Normal)		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)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level														
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	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
	o-Xylene	--	--	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
	Xylenes, Total	10000	MCL	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	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
	Chloroform	--	--	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
	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

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

		Location ID: F1-HYD2134			F1-HYD2209		F1-HYD2211	
		Location Type: Hydrant			Hydrant		Hydrant	
		Address: FH ID: FH-11A			FH 602		FH 603	
		Field Sample ID: F1-DL-0000595-24092	F1-DL-0000595-24122	F1-DL-0000595-24153	F1-DL-0018367-24092	F1-DL-0018368-24092		
		-N	-N	-N	-N	-N		
		Sample Date: 2024-04-25	2024-05-21	2024-06-18	2024-06-25	2024-06-25		
		Sample Type: 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	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	520	520	420	450
Field Test (pH)	pH	--	--	7.34	7.25	7.28	7.22	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.230	0.240	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	26.3	25.6	25.5	24.7	26.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.410	0.550	0.710	0.910
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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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone F1

		Location ID: F1-HYD2134		F1-HYD2209		F1-HYD2211	
		Location Type: Hydrant		Hydrant		Hydrant	
		Address: FH ID: FH-11A		FH 602		FH 603	
		Field Sample ID: F1-DL-0000595-24092	F1-DL-0000595-24122	F1-DL-0000595-24153	F1-DL-0018367-24092	F1-DL-0018368-24092	
		-N	-N	-N	-N	-N	
		Sample Date: 2024-04-25	2024-05-21	2024-06-18	2024-06-25	2024-06-25	
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Volatile Organic Compounds (ppb)	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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Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone F1

		Location ID: F1-BLDG0055		F1-BLDG0062				F1-BLDG0X21		F1-BLDG0X29					
		Location Type: Non-Residence		Non-Residence				Non-Residence		Non-Residence					
		Address: Building 55,ADMIN OFFICE		Building 62,NAVY FCU/PACDIV ROICC				Building X21,WELDING SHOP		Building X29,PW MAINTENANCE SHOPS					
		Field Sample ID: F1-TW-0015371-24092-N		F1-TW-0015373-24092-N-C-WQI		F1-TW-0015373-24092-N-H-WQI		F1-TW-0015373-24092-N-WQI		F1-TW-0015323-24092-N		F1-TW-0015326-24092-N-C-WQI		F1-TW-0015326-24092-N-WQI	F1-TW-0015326-24092-N-C-WQI-R1
		Sample Date: 2024-05-17		2024-04-17		2024-04-17		2024-04-17		2024-05-17		2024-05-08		2024-05-08	2024-05-17
		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	Present	--	Present				
	E. coli	--	--	Absent	Absent	--	--	Absent	Absent	--	Absent				
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	ND	ND	--	ND	ND	--	6.00				
Field Test (ppb)	Free Chlorine	4000	MCL	550	390	410	390	550	550	550	170				
Field Test (pH)	pH	--	--	7.44	--	7.41	7.39	7.36	--	7.18	7.25				
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	--	0.250	0.250	0.230	--	0.250	0.240				
Field Test (degrees Celcius)	Temperature	--	--	26.9	--	29.5	25.0	26.2	--	24.4	27.5				
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.820	--	0.200	0.200	0.710	--	0.340	0.850				
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	52500	--	--	51200	--				
	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	--	--	--	99.0	--	--	44.0	--				
	Lead	15	MCL	--	--	--	0.160	--	--	0.160	--				
	Mercury	2	MCL	--	--	--	ND	--	--	ND	--				
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	--	ND	--	--	ND	--				
	2-Methylnaphthalene	--	--	--	--	--	ND	--	--	ND	--				
	Benzo(a)pyrene	0.2	MCL	--	--	--	ND	--	--	ND	--				
	Naphthalene	--	--	--	--	--	ND	--	--	ND	--				

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 Other Buildings in Zone F1

		Location ID:	F1-BLDG0055	F1-BLDG0062				F1-BLDG0X21	F1-BLDG0X29		
		Location Type:	Non-Residence	Non-Residence				Non-Residence	Non-Residence		
		Address:	Building 55,ADMIN OFFICE	Building 62,NAVY FCU/PACDIV ROICC				Building X21,WELDING SHOP	Building X29,PW MAINTENANCE SHOPS		
		Field Sample ID:	F1-TW-0015371-24092-N	F1-TW-0015373-24092-N-C-WQI	F1-TW-0015373-24092-N-H-WQI	F1-TW-0015373-24092-N-WQI	F1-TW-0015323-24092-N	F1-TW-0015326-24092-N-C-WQI	F1-TW-0015326-24092-N-WQI	F1-TW-0015326-24092-N-C-WQI-R1	
		Sample Date:	2024-05-17	2024-04-17	2024-04-17	2024-04-17	2024-05-17	2024-05-08	2024-05-08	2024-05-17	
		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								
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	--	ND	--	--	ND	
	1,3,5-Trimethylbenzene	--	--	--	--	--	ND	--	--	ND	
	Benzene	5	MCL	--	--	--	ND	--	--	ND	
	Ethylbenzene	700	MCL	--	--	--	ND	--	--	ND	
	m,p-Xylene	--	--	--	--	--	ND	--	--	ND	
	o-Xylene	--	--	--	--	--	ND	--	--	ND	
	Toluene	1000	MCL	--	--	--	ND	--	--	ND	
	Xylenes, Total	10000	MCL	--	--	--	ND	--	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	ND	--	--	ND	
	Bromoform	--	--	--	--	--	ND	--	--	0.470	
	Chloroform	--	--	--	--	--	ND	--	--	ND	
	Dibromochloromethane	--	--	--	--	--	ND	--	--	ND	
	Total Trihalomethanes	80	MCL	--	--	--	ND	--	--	0.470	

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

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

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

		Location ID: F1-BLDG0X29		F1-BLDG2655							
		Location Type: Non-Residence		Medical Building							
		Address: Building X29,PW MAINTENANCE SHOPS		Building 2655,FOOD/SERVICE STORES							
		Field Sample ID: F1-TW-0015326-24092-N-WQI-R2		F1-TW-0015332-24092-N-1	F1-TW-0015332-24092-N-2	F1-TW-0015332-24122-N-1	F1-TW-0015332-24122-N-2	F1-TW-0015332-24153-N-1	F1-TW-0015332-24153-N-2	F1-TW-0015332-24153-3-N-1	
		Sample Date: 2024-06-25		2024-04-16	2024-04-16	2024-05-02	2024-05-02	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)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	--	Absent	Absent	Absent
	E. coli	--	--	Absent	--	--	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	--	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	310	390	450	400	550	450	400	--
Field Test (pH)	pH	--	--	7.11	7.33	7.34	7.32	7.41	7.41	7.46	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.260	0.230	0.230	0.230	0.220	--
Field Test (degrees Celcius)	Temperature	--	--	28.5	22.6	22.5	24.7	23.4	24.8	23.7	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.760	0.390	0.210	0.300	0.000110	0.120	0.00	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55000	55000	55000	52500	52000	53500	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	--	19.8	24.0	13.3	12.7	13.3	19.9	13.4
	Lead	15	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Mercury	2	MCL	--	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	0.0200	ND	ND	ND	ND
	Naphthalene	--	--	--	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 Other Buildings in Zone F1

		Location ID: F1-BLDG0X29			F1-BLDG2655						
		Location Type: Non-Residence			Medical Building						
		Address: Building X29,PW MAINTENANCE SHOPS			Building 2655,FOOD/SERVICE STORES						
		Field Sample ID:	F1-TW-0015326-24092-N-WQI-R2	F1-TW-0015332-24092-N-1	F1-TW-0015332-24092-N-2	F1-TW-0015332-24122-N-1	F1-TW-0015332-24122-N-2	F1-TW-0015332-24153-N-1	F1-TW-0015332-24153-N-2	F1-TW-0015332-24153-3-N-1	
		Sample Date:	2024-06-25	2024-04-16	2024-04-16	2024-05-02	2024-05-02	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)	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	0.260	
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	ND	ND	0.260	