

Summary of Chemistry Results
Zone F2
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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-ANDE2848		F2-ANDE2958		F2-ANDE3004		F2-ANDE3021													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	2.00	ND	ND	ND	ND												
Field Test (ppb)	Free Chlorine	4000	MCL	470	290	470	270	670	460	430	340												
Field Test (pH)	pH	--	--	7.06	7.43	7.08	7.20	7.03	7.21	7.29	7.31												
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.300	0.270	0.280	0.250	0.280	0.240	0.260												
Field Test (degrees Celcius)	Temperature	--	--	28.2	45.9	27.6	37.8	25.6	39.8	26.5	39.9												
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.990	1.90	0.980	1.26	0.0590	0.00	0.00	0.00												
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58000	--	53500	--	58700	--	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	6.70	--	1.90	--	2.20	--	1.40	--												
	Lead	15	MCL	0.150	--	ND	--	0.330	--	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	--												

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		Location ID: F2-ANDE2848		F2-ANDE2958		F2-ANDE3004		F2-ANDE3021			
		Residence		Residence		Residence		Residence			
		2848 Anderson Avenue		2958 Anderson Avenue		3004 Anderson Avenue		3021 Anderson Avenue			
		Field Sample ID:	F2-TW-0010750-24092-N	F2-TW-0010750-24092-N-H	F2-TW-0009599-24092-N	F2-TW-0009599-24092-N-H	F2-TW-0009608-24092-N	F2-TW-0009608-24092-N-H	F2-TW-0009615-24092-N	F2-TW-0009615-24092-N-H	
		Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-17	2024-07-17	
		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)	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	0.400	--	0.380	--	ND	--	0.390	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.270	--	0.280	--	0.260	--	ND	--
	Total Trihalomethanes	80	MCL	0.670	--	0.660	--	0.260	--	0.390	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID:		F2-ARIZ2989		F2-ARIZ3017	F2-ARIZ3064		F2-CATL5260		F2-CATL5292
		Location Type:		Residence		Residence	Residence		Residence		Residence
		Address:		2989 Arizona Road		3017 Arizona Road	3064 Arizona Road		5260 Catlin Lane		5292 Catlin Lane
		Field Sample ID:		F2-TW-0011024-24092-N	F2-TW-0011024-24092-N-H	F2-TW-0011031-24092-N-R1	F2-TW-0011043-24092-N	F2-TW-0011043-24092-N-H	F2-TW-0011099-24092-N	F2-TW-0011099-24092-N-H	F2-TW-0011110-24092-N
		Sample Date:		2024-07-12	2024-07-12	2024-07-17	2024-07-12	2024-07-12	2024-07-25	2024-07-25	2024-07-15
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	Absent	--	Absent
	E. coli	--	--	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	650	440	480	500	460	410	180	400
Field Test (pH)	pH	--	--	7.32	7.36	7.11	7.19	7.21	7.25	7.26	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.290	0.250	0.260	0.250	0.270	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.5	37.7	25.3	27.1	40.0	27.9	39.7	23.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.390	0.310	0.120	0.290	0.270	0.0850	0.00700	0.260
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56500	--	--	55300	--	57100	--	54600
	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	4.40	--	--	1.60	--	23.3	--	19.6
	Lead	15	MCL	0.210	--	--	ND	--	0.260	--	ND
	Mercury	2	MCL	ND	--	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	--	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	--	ND	--	ND	--	ND
	Naphthalene	--	--	ND	--	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	--	ND	--	ND	--	ND

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				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	--	ND	--	ND	--	ND
	o-Xylene	--	--	ND	--	--	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	--	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	ND	--	ND	--	ND
	Bromoform	--	--	ND	--	--	ND	--	0.340	--	ND
	Chloroform	--	--	ND	--	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	--	--	ND	--	0.360	--	ND
	Total Trihalomethanes	80	MCL	ND	--	--	ND	--	0.700	--	ND

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		Location ID:	F2-CATL5292	F2-COLE4109		F2-DEWE3209		F2-DEWE3218		F2-DEWE3232	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5292 Catlin Lane	4109 Colegrove Street		3209 Dewert Lane		3218 Dewert Lane		3232 Dewert Lane	
		Field Sample ID:	F2-TW-0011110-24092-N-H	F2-TW-0011126-24092-N	F2-TW-0011126-24092-N-H	F2-TW-0011154-24092-N	F2-TW-0011154-24092-N-H	F2-TW-0011160-24092-N	F2-TW-0011160-24092-N-H	F2-TW-0011169-24092-N	
		Sample Date:	2024-07-15	2024-07-17	2024-07-17	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	420	500	390	560	350	500	70.0	470
Field Test (pH)	pH	--	--	7.26	7.27	7.31	7.15	7.17	7.27	7.43	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.250	0.260	0.250	0.260	0.250	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	39.7	23.8	40.2	26.7	41.3	24.2	37.7	23.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.670	0.570	0.390	0.430	0.00	0.00	0.00	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57900	--	55500	--	55700	--	57300
	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	--	3.60	--	8.10	--	11.4	--	5.00
	Lead	15	MCL	--	0.140	--	0.160	--	ND	--	0.160
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-COLE4109		F2-DEWE3209		F2-DEWE3218		F2-DEWE3232
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-CATL5292	F2-COLE4109		F2-DEWE3209		F2-DEWE3218		F2-DEWE3232
				Residence	Residence		Residence		Residence		Residence
				5292 Catlin Lane	4109 Colegrove Street		3209 Dewert Lane		3218 Dewert Lane		3232 Dewert Lane
				F2-TW-0011110-24092-N-H	F2-TW-0011126-24092-N	F2-TW-0011126-24092-N-H	F2-TW-0011154-24092-N	F2-TW-0011154-24092-N-H	F2-TW-0011160-24092-N	F2-TW-0011160-24092-N-H	F2-TW-0011169-24092-N
				2024-07-15	2024-07-17	2024-07-17	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-15
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				--	ND	--	ND	--	ND	--	ND
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-DORI2265C		F2-ENGE4048		F2-ENGE4057		F2-GILL3178
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-DEWE3232 Residence 3232 Dewert Lane	2265C Doris Miller Loop		4048 Enger Street		4057 Enger Street		3178 Gillespie Lane
				F2-TW-0011169-24092-N-H	F2-TW-0011190-24092-N	F2-TW-0011190-24092-N-H	F2-TW-0011456-24092-N	F2-TW-0011456-24092-N-H	F2-TW-0011459-24092-N	F2-TW-0011459-24092-N-H	F2-TW-0011491-24092-N
				2024-07-15	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-15	2024-07-15	2024-07-12
				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	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	480	480	210	670	470	540	140	390
Field Test (pH)	pH	--	--	7.41	7.24	7.26	7.38	7.41	7.25	7.30	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.260	0.240	0.280	0.250	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	37.1	26.0	43.4	25.5	43.5	23.7	48.6	28.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.600	0.440	0.200	0.310	0.430	0.450	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56900	--	57300	--	55700	--	55100
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	23.7	--	2.20	--	2.60	--	11.1
	Lead	15	MCL	--	0.130	--	ND	--	ND	--	0.170
	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

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-DORI2265C		F2-ENGE4048		F2-ENGE4057		F2-GILL3178
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-DEWE3232 Residence 3232 Dewert Lane	2265C Doris Miller Loop		4048 Enger Street		4057 Enger Street		3178 Gillespie Lane
				F2-TW-0011169-24092-N-H	F2-TW-0011190-24092-N	F2-TW-0011190-24092-N-H	F2-TW-0011456-24092-N	F2-TW-0011456-24092-N-H	F2-TW-0011459-24092-N	F2-TW-0011459-24092-N-H	F2-TW-0011491-24092-N
				2024-07-15	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-15	2024-07-15	2024-07-12
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	0.370	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	0.270	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	0.640	--	ND

Summary of Chemistry Results

Zone F2

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

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID:	F2-GILL3178	F2-GILL3184		F2-GILL3229		F2-GILL3233		F2-GILL3236	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	3178 Gillespie Lane	3184 Gillespie Lane		3229 Gillespie Lane		3233 Gillespie Lane		3236 Gillespie Lane	
		Field Sample ID:	F2-TW-0011491-24092-N-H	F2-TW-0011497-24092-N	F2-TW-0011497-24092-N-H	F2-TW-0011527-24092-N	F2-TW-0011527-24092-N-H	F2-TW-0011531-24092-N	F2-TW-0011531-24092-N-H	F2-TW-0011534-24092-N	
		Sample Date:	2024-07-12	2024-07-25	2024-07-25	2024-07-12	2024-07-12	2024-07-25	2024-07-25	2024-07-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	4.00	15.0	15.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	370	630	420	420	210	640	350	540
Field Test (pH)	pH	--	--	7.20	6.70	7.41	6.65	7.17	7.36	7.39	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.240	0.280	0.200	0.280	0.250	0.290	0.260
Field Test (degrees Celcius)	Temperature	--	--	35.7	24.6	42.6	25.0	24.0	24.7	54.0	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00300	0.300	0.0170	0.890	0.00	0.190	0.290	0.350
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58800	--	56800	--	56900	--	55000
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	17.7	--	13.4	--	20.5	--	9.40
	Lead	15	MCL	--	0.290	--	ND	--	0.190	--	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 F2

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

Notes:
ND = Not Detected
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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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FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID:	F2-GILL3178	F2-GILL3184		F2-GILL3229		F2-GILL3233		F2-GILL3236	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	3178 Gillespie Lane	3184 Gillespie Lane		3229 Gillespie Lane		3233 Gillespie Lane		3236 Gillespie Lane	
		Field Sample ID:	F2-TW-0011491-24092-N-H	F2-TW-0011497-24092-N	F2-TW-0011497-24092-N-H	F2-TW-0011527-24092-N	F2-TW-0011527-24092-N-H	F2-TW-0011531-24092-N	F2-TW-0011531-24092-N-H	F2-TW-0011534-24092-N	
		Sample Date:	2024-07-12	2024-07-25	2024-07-25	2024-07-12	2024-07-12	2024-07-25	2024-07-25	2024-07-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	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	--	--	--	0.420	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.380	--	ND	--	0.260	--	ND
	Total Trihalomethanes	80	MCL	--	0.800	--	ND	--	0.260	--	ND

Summary of Chemistry Results

Zone F2

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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-GILL3239		F2-GORD2691		F2-HAIL3092		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-GILL3236	F2-GILL3239	F2-GILL3239	F2-GORD2691	F2-GORD2691	F2-HAIL3092	F2-HAIL3092	F2-HAIL3092
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				3236 Gillespie Lane	3239 Gillespie Lane	3239 Gillespie Lane	2691 Gordon Street	2691 Gordon Street	3092 Hailey Court	3092 Hailey Court	3092 Hailey Court
				F2-TW-0011534-24092-N-H	F2-TW-0011536-24092-N	F2-TW-0011536-24092-N-H	F2-TW-0011578-24092-N	F2-TW-0011578-24092-N-H	F2-TW-0011630-24092-N	F2-TW-0011630-24092-3-N	F2-TW-0011630-24092-3-N-H
				2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-16	2024-07-16	2024-07-16
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	4.00	2.00	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	360	480	40.0	540	400	490	--	--
Field Test (pH)	pH	--	--	7.27	7.06	7.22	7.20	7.26	7.24	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.300	0.240	0.250	0.260	--	--
Field Test (degrees Celcius)	Temperature	--	--	45.1	24.5	39.1	25.5	33.7	27.1	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.270	0.0330	0.0510	0.160	0.00960	0.620	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56300	--	56100	--	56400	55800	--
	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	--	21.2	--	4.00	--	25.4	24.6	--
	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-GILL3239		F2-GORD2691		F2-HAIL3092															
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:											
				F2-GILL3236 Residence 3236 Gillespie Lane	F2-TW-0011534-24092-N-H	2024-07-15	N (Normal)	3239 Gillespie Lane	F2-TW-0011536-24092-N	2024-07-15	N (Normal)	2691 Gordon Street	F2-TW-0011578-24092-N	2024-07-15	N (Normal)	3092 Hailey Court	F2-TW-0011630-24092-3-N	2024-07-16	N (Normal)	F2-TW-0011630-24092-3-N-H	2024-07-16	FD (Field Duplicate)		
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HAIL3096		F2-HAMM0812		F2-HAMM0831		F2-HAYS0814
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				F2-HAIL3092 Residence 3092 Hailey Court	F2-HAIL3096 Residence 3096 Hailey Court		F2-HAMM0812 Residence 812 Hammerberg Street		F2-HAMM0831 Residence 831 Hammerberg Street		F2-HAYS0814 Residence 814 Hays Street
				F2-TW-0011630-24092-N-H	F2-TW-0011632-24092-N	F2-TW-0011632-24092-N-H	F2-TW-0011654-24092-N	F2-TW-0011654-24092-N-H	F2-TW-0011662-24092-N	F2-TW-0011662-24092-N-H	F2-TW-0011687-24092-N
				2024-07-16	2024-07-16	2024-07-16	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-16
				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	2.00	ND	ND	ND	2.00	120	ND
Field Test (ppb)	Free Chlorine	4000	MCL	430	530	350	530	350	480	330	520
Field Test (pH)	pH	--	--	7.28	7.29	7.26	7.21	7.21	7.30	7.27	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260	0.240	0.250	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	40.4	26.8	36.1	25.7	38.1	26.9	44.6	27.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.600	0.340	0.150	0.00	0.00	0.0260	0.800	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57700	--	55900	--	59200	--	58300
	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	--	24.1	--	4.40	--	4.20	--	3.10
	Lead	15	MCL	--	0.250	--	0.180	--	0.150	--	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

Summary of Chemistry Results

Zone F2

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 July 2024 from Residences in Zone F2

		Location ID:	F2-HAIL3092	F2-HAIL3096		F2-HAMM0812		F2-HAMM0831		F2-HAYS0814	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	3092 Hailey Court	3096 Hailey Court		812 Hammerberg Street		831 Hammerberg Street		814 Hays Street	
		Field Sample ID:	F2-TW-0011630-24092-N-H	F2-TW-0011632-24092-N	F2-TW-0011632-24092-N-H	F2-TW-0011654-24092-N	F2-TW-0011654-24092-N-H	F2-TW-0011662-24092-N	F2-TW-0011662-24092-N-H	F2-TW-0011687-24092-N	
		Sample Date:	2024-07-16	2024-07-16	2024-07-16	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-16	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	0.310	--	ND	--	0.420	--	0.340
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	0.290	--	ND
	Total Trihalomethanes	80	MCL	--	0.310	--	ND	--	0.710	--	0.340

Summary of Chemistry Results
Zone F2
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 July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-JALU0598		F2-JALU0603		F2-JALU3303		F2-JALU3310
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				F2-HAYS0814 Residence 814 Hays Street	F2-JALU0598 Residence 598 Jaluit Street		F2-JALU0603 Residence 603 Jaluit Street		F2-JALU3303 Residence 3303 Jaluit Lane		F2-JALU3310 Residence 3310 Jaluit Lane
				F2-TW-0011687-24092-N-H	F2-TW-0011695-24092-N	F2-TW-0011695-24092-N-H	F2-TW-0011696-24092-N	F2-TW-0011696-24092-N-H	F2-TW-0011709-24092-N	F2-TW-0011709-24092-N-H	F2-TW-0011714-24092-N
				2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16	2024-07-16
				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	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	260	510	510	510	330	530	120	460
Field Test (pH)	pH	--	--	7.45	7.45	7.35	7.45	7.48	7.38	7.54	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260	0.250	0.270	0.260	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	41.3	24.9	36.3	25.8	51.7	29.6	60.3	25.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.280	0.0550	0.0960	0.720	0.610	0.650	0.300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57300	--	56500	--	57400	--	56900
	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	--	11.2	--	8.50	--	9.40	--	7.60
	Lead	15	MCL	--	0.160	--	0.130	--	0.130	--	0.160
	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 F2

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

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-JALU0598		F2-JALU0603		F2-JALU3303		F2-JALU3310																
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:													
				F2-HAYS0814 Residence 814 Hays Street	F2-TW-0011687-24092-N-H	2024-07-16	N (Normal)	598 Jaluit Street	F2-TW-0011695-24092-N	2024-07-16	N (Normal)	F2-TW-0011695-24092-N-H	2024-07-16	N (Normal)	603 Jaluit Street	F2-TW-0011696-24092-N	2024-07-16	N (Normal)	3303 Jaluit Lane	F2-TW-0011709-24092-N	2024-07-16	N (Normal)	3310 Jaluit Lane	F2-TW-0011714-24092-N	2024-07-16	N (Normal)	
Volatiles Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	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
	Toluene	1000	MCL	--	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
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-JALU3311		F2-JALU3313		F2-JALU3325		F2-KILM3367	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				F2-JALU3310	Residence	3310 Jaluit Lane	F2-TW-0011714-24092-N-H	2024-07-16	N (Normal)			
							F2-TW-0011715-24092-N	2024-07-15	N (Normal)			
							F2-TW-0011715-24092-N-H	2024-07-15	N (Normal)			
							F2-TW-0011716-24092-N	2024-07-15	N (Normal)			
							F2-TW-0011716-24092-N-H	2024-07-15	N (Normal)			
							F2-TW-0011724-24092-N	2024-07-17	N (Normal)			
							F2-TW-0011724-24092-N-H	2024-07-17	N (Normal)			
							F2-TW-0011737-24092-N	2024-07-17	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	2.00	ND	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	260	560	370	490	470	450	480	660	
Field Test (pH)	pH	--	--	7.26	7.29	7.40	7.28	7.33	7.33	7.39	7.38	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.280	0.260	0.260	0.240	0.250	0.240	
Field Test (degrees Celcius)	Temperature	--	--	38.0	23.2	43.8	26.2	29.9	24.6	40.0	24.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.290	0.430	0.300	0.960	0.390	0.00	0.00	0.0500	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57300	--	56000	--	55300	--	55900	
	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	--	3.20	--	6.30	--	7.10	--	16.2	
	Lead	15	MCL	--	ND	--	0.150	--	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-JALU3311		F2-JALU3313		F2-JALU3325		F2-KILM3367	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	3311 Jaluit Lane		3313 Jaluit Lane		3325 Jaluit Lane		3367 Kilmer Street	
				Field Sample ID:	F2-TW-0011714-24092-N-H	F2-TW-0011715-24092-N	F2-TW-0011715-24092-N-H	F2-TW-0011716-24092-N	F2-TW-0011716-24092-N-H	F2-TW-0011724-24092-N	F2-TW-0011724-24092-N-H	F2-TW-0011737-24092-N
				Sample Date:	2024-07-16	2024-07-15	2024-07-15	2024-07-15	2024-07-15	2024-07-17	2024-07-17	2024-07-17
				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
	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 F2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-KILM5406		F2-KILM5409			F2-KILM5435	
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				F2-KILM3367 Residence 3367 Kilmer Street	F2-KILM5406 Residence 5406 Kilmer Lane		F2-KILM5409 Residence 5409 Kilmer Lane			F2-KILM5435 Residence 5435 Kilmer Lane	
				F2-TW-0011737-24092-N-H	F2-TW-0011741-24092-N	F2-TW-0011741-24092-N-H	F2-TW-0011744-24092-N	F2-TW-0011744-24092-3-N	F2-TW-0011744-24092-N-H	F2-TW-0011744-24092-3-N-H	F2-TW-0011762-24092-N
				2024-07-17	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-17
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	420	360	670	520	--	310	--	540
Field Test (pH)	pH	--	--	7.42	7.10	7.01	7.25	--	7.29	--	7.04
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.330	0.250	--	0.260	--	0.280
Field Test (degrees Celcius)	Temperature	--	--	37.2	24.7	40.3	30.9	--	37.1	--	23.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0740	0.740	0.510	0.290	--	0.0850	--	0.110
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56900	--	57400	57200	--	--	58200
	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	--	10.7	--	6.50	6.00	--	--	4.80
	Lead	15	MCL	--	ND	--	0.520	0.220	--	--	ND
	Mercury	2	MCL	--	ND	--	ND	ND	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	--	ND
	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-KILM5406		F2-KILM5409				F2-KILM5435	
				Location Type:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				F2-KILM3367 Residence 3367 Kilmer Street	F2-TW-0011741-24092-N	F2-TW-0011741-24092-N-H	F2-TW-0011744-24092-N	F2-TW-0011744-24092-3-N	F2-TW-0011744-24092-N-H	F2-TW-0011744-24092-3-N-H	F2-TW-0011762-24092-N	
				Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-25	2024-07-25	
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-KIRK1944		F2-KIRK1954		F2-LIPP2005															
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:											
				F2-KILM5435 Residence 5435 Kilmer Lane	F2-TW-0011776-24092-N	2024-07-17	N (Normal)	F2-TW-0011778-24092-N	2024-07-17	N (Normal)	F2-TW-0011778-24092-N	2024-07-17	N (Normal)	F2-TW-0009871-24092-N	2024-07-17	N (Normal)	F2-TW-0009871-24092-3-N	2024-07-17	FD (Field Duplicate)	F2-TW-0009871-24092-3-N-H	2024-07-17	FD (Field Duplicate)		
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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	540	360	500	480	400	--	--	--	--	400	--	--	--	--	--	400	--	--	--	--
Field Test (pH)	pH	--	--	7.24	7.39	7.33	7.06	7.04	7.25	--	--	--	--	7.25	--	--	--	--	--	7.25	--	--	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.300	0.250	0.260	0.270	0.290	0.240	--	--	--	--	0.240	--	--	--	--	--	0.240	--	--	--	--
Field Test (degrees Celcius)	Temperature	--	--	44.0	24.2	40.7	26.4	43.9	26.2	--	--	--	--	26.2	--	--	--	--	--	26.2	--	--	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.280	0.00	0.410	0.720	0.640	0.00	--	--	--	--	0.00	--	--	--	--	--	0.00	--	--	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57300	--	--	56900	--	--	56500	--	--	56500	--	--	55600	--	--	55600	--	--	--	--
	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	--	2.60	--	--	7.30	--	--	53.9	--	--	53.2	--	--	53.2	--	--	53.2	--	--	--	--
	Lead	15	MCL	--	ND	--	--	0.220	--	--	0.180	--	--	0.190	--	--	0.190	--	--	0.190	--	--	--	--
	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 F2

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

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-KIRK1944		F2-KIRK1954		F2-LIPP2005															
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:											
				F2-KILM5435 Residence 5435 Kilmer Lane	F2-TW-0011776-24092-N	2024-07-17	N (Normal)	1944 Kirkpatrick Loop	F2-TW-0011778-24092-N	2024-07-17	N (Normal)	1954 Kirkpatrick Loop	F2-TW-0009871-24092-N	2024-07-17	N (Normal)	2005 Lippia Loop	F2-TW-0009871-24092-3-N	2024-07-17	FD (Field Duplicate)	F2-TW-0009871-24092-3-N-H	2024-07-17	FD (Field Duplicate)		
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	--	--	--	ND	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	--	ND	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone F2
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 (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID: F2-LIPP2005		F2-MALO0577		F2-MALO3256		F2-MCFA0813		F2-MEYE0582	
		Location Type: Residence		Residence		Residence		Residence		Residence	
		Address: 2005 Lippia Loop		577 Maloelap Lane		3256 Maloelap Street		813 McFaddin Street		582 Meyerkord Loop	
		Field Sample ID: F2-TW-0009871-24092-N-H		F2-TW-0009891-24092-N	F2-TW-0009891-24092-N-H	F2-TW-0009899-24092-N	F2-TW-0009899-24092-N-H	F2-TW-0009939-24092-N	F2-TW-0009939-24092-N-H	F2-TW-0009949-24092-N	
		Sample Date: 2024-07-17		2024-07-17	2024-07-17	2024-07-15	2024-07-15	2024-07-25	2024-07-25	2024-07-25	
		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
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	62.0	324	ND
Field Test (ppb)	Free Chlorine	4000	MCL	40.0	500	210	600	430	480	100	660
Field Test (pH)	pH	--	--	7.32	7.26	7.25	7.12	7.15	7.39	7.38	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.270	0.290	0.240	0.280	0.230
Field Test (degrees Celcius)	Temperature	--	--	40.9	31.8	42.0	24.9	41.0	25.9	47.6	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00360	0.00	0.680	0.550	0.280	0.120	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55200	--	56100	--	57500	--	57300
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	14.7	--	14.3	--	5.40	--	10.1
	Lead	15	MCL	--	0.170	--	0.210	--	0.240	--	0.350
	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID:		F2-LIPP2005		F2-MALO0577		F2-MALO3256		F2-MCFA0813		F2-MEYE0582	
		Location Type:		Residence		Residence		Residence		Residence		Residence	
		Address:		2005 Lippia Loop		577 Maloelap Lane		3256 Maloelap Street		813 McFaddin Street		582 Meyerkord Loop	
		Field Sample ID:		F2-TW-0009871-24092-N-H		F2-TW-0009891-24092-N		F2-TW-0009891-24092-N-H		F2-TW-0009899-24092-N		F2-TW-0009899-24092-N-H	
		Sample Date:		2024-07-17		2024-07-17		2024-07-17		2024-07-15		2024-07-15	
		Sample Type:		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	ND	--	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--	ND	--	ND	--	ND	--
	Bromoform	--	--	--	ND	--	--	ND	--	0.320	--	ND	--
	Chloroform	--	--	--	ND	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	0.320	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	0.640	--	ND	--

Summary of Chemistry Results

Zone F2

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID:	F2-MEYE0582	F2-MEYE0598		F2-MEYE0602		F2-MEYE0618		F2-MEYE0630	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	582 Meyerkord Loop	598 Meyerkord Loop		602 Meyerkord Loop		618 Meyerkord Loop		630 Meyerkord Loop	
		Field Sample ID:	F2-TW-0009949-24092-N-H	F2-TW-0009952-24092-N	F2-TW-0009952-24092-N-H	F2-TW-0009953-24092-N	F2-TW-0009953-24092-N-H	F2-TW-0009958-24092-N	F2-TW-0009958-24092-N-H	F2-TW-0009962-24092-N	
		Sample Date:	2024-07-25	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	
		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
	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	240	410	190	610	390	660	630	610
Field Test (pH)	pH	--	--	7.41	7.21	7.40	7.16	7.17	7.15	7.15	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.260	0.260	0.260	0.240	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	40.4	26.6	44.2	29.0	40.1	26.7	36.9	25.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	0.00190	0.00	0.620	0.390	0.380	0.260	0.260
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56900	--	57200	--	57600	--	56200
	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	--	46.8	--	31.2	--	9.70	--	15.6
	Lead	15	MCL	--	0.180	--	0.170	--	0.230	--	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 F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-MEYE0598		F2-MEYE0602		F2-MEYE0618		F2-MEYE0630	
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				F2-MEYE0582	F2-MEYE0598		F2-MEYE0602		F2-MEYE0618		F2-MEYE0630	
				Residence	Residence		Residence		Residence		Residence	
				Address: 582 Meyerkord Loop	Address: 598 Meyerkord Loop		Address: 602 Meyerkord Loop		Address: 618 Meyerkord Loop		Address: 630 Meyerkord Loop	
				F2-TW-0009949-24092-N-H	F2-TW-0009952-24092-N	F2-TW-0009952-24092-N-H	F2-TW-0009953-24092-N	F2-TW-0009953-24092-N-H	F2-TW-0009958-24092-N	F2-TW-0009958-24092-N-H	F2-TW-0009962-24092-N	
				2024-07-25	2024-07-17	2024-07-17	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
				--	ND	--	ND	--	ND	--	ND	
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	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	ND	--	0.260	--	ND	--	ND	

Summary of Chemistry Results

Zone F2

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-NYEP1938					F2-NYEP1949		F2-PLUM1659
				Location Type:	Residential Child Care					Residence		Residence
				Address:	1938 Nye Place (CDH)					1949 Nye Place		1659 Plumbago Court
				Field Sample ID:	F2-TW-0010449-24183-N	F2-TW-0010449-24183-3-N	F2-TW-0010449-24183-N-H	F2-TW-0010449-24183-3-N-H	F2-TW-0010449-24183-N-H	F2-TW-0010454-24092-N	F2-TW-0010454-24092-N-H	F2-TW-0010810-24092-N
				Sample Date:	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-15	2024-07-15	2024-07-31
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	--	--	28.0	ND	ND	ND	2.00	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	130	90.0	--	860	--	230	340	610	
Field Test (pH)	pH	--	--	7.40	7.25	--	7.35	--	7.21	7.10	7.08	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	--	0.380	--	0.150	0.290	0.260	
Field Test (degrees Celcius)	Temperature	--	--	45.2	28.3	--	39.8	--	26.8	41.8	28.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.72	0.170	--	0.00	--	0.270	0.00230	0.370	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53600	53500	--	--	56300	--	56300	
	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	--	35.9	38.7	--	--	43.1	--	74.1	
	Lead	15	MCL	--	0.130	ND	--	--	ND	--	0.170	
	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	--	0.0170	
	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 F2

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

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

Drinking Water Samples Collected in July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-NYEP1938					F2-NYEP1949		F2-PLUM1659
				Location Type:	Residential Child Care					Residence		Residence
				Address:	1938 Nye Place (CDH)					1949 Nye Place		1659 Plumbago Court
				Field Sample ID:	F2-TW-0010449-24183-N	F2-TW-0010449-24183-3-N	F2-TW-0010449-24183-N-H	F2-TW-0010449-24183-3-N-H	F2-TW-0010449-24183-3-N-H	F2-TW-0010454-24092-N	F2-TW-0010454-24092-N-H	F2-TW-0010810-24092-N
				Sample Date:	2024-07-25	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-15	2024-07-15	2024-07-31
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	--	--	--	0.580	0.600	--	--	ND	--	ND	
	Chloroform	--	--	--	ND	ND	--	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	ND	--	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	0.580	0.600	--	--	ND	--	ND	

Summary of Chemistry Results

Zone F2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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-- = No Information Available
N (Normal) = Full compliance sample
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Drinking Water Samples Collected in July 2024 from Residences in Zone F2

		Location ID: F2-PLUM1659		F2-PLUM1676		F2-SNYD3182		
		Residence		Residence		Residence		
		1659 Plumbago Court		1676 Plumbago Court		3182 Snyder Court		
		F2-TW-0010810-24092-N-H		F2-TW-0010815-24092-N	F2-TW-0010815-24092-N-H	F2-TW-0010592-24092-N	F2-TW-0010592-24092-N-H	
		2024-07-31		2024-07-31	2024-07-31	2024-07-15	2024-07-15	
		N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	580	380	460	520	60.0
Field Test (pH)	pH	--	--	7.11	7.12	7.24	7.24	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	42.2	21.9	46.0	25.3	48.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.300	0.00	0.540	0.00360	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56600	--	56300	--
	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	--	41.0	--	29.3	--
	Lead	15	MCL	--	ND	--	ND	--
	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	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--

Summary of Chemistry Results

Zone F2

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 July 2024 from Residences in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-PLUM1676		F2-SNYD3182		
				F2-PLUM1659	Residence		Residence		
				Residence	Residence		Residence		
				1659 Plumbago Court	1676 Plumbago Court		3182 Snyder Court		
				Field Sample ID:	F2-TW-0010810-24092-N-H	F2-TW-0010815-24092-N	F2-TW-0010815-24092-N-H	F2-TW-0010592-24092-N	F2-TW-0010592-24092-N-H
				Sample Date:	2024-07-31	2024-07-31	2024-07-31	2024-07-15	2024-07-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	--	ND	--	
	Chloroform	--	--	--	ND	--	ND	--	
	Dibromochloromethane	--	--	--	0.270	--	ND	--	
	Total Trihalomethanes	80	MCL	--	0.270	--	ND	--	

Summary of Chemistry Results

Zone F2

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
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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F2-BLDG1928 Child Development Center Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)				F2-BLDG4655 Child Development Center Building 4655,CATLIN SCHOOL AGE CENTER			
				Field Sample ID	Sample Date	Sample Type	DOH Project Screening Level	Basis of Project Screening Level	Field Sample ID	Sample Date	Sample Type
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	Absent	--	--
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	430	200	410	1220	380	--	270	--
Field Test (pH)	pH	--	--	6.98	7.25	7.15	7.16	7.23	--	7.58	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.230	0.270	0.240	--	0.260	--
Field Test (degrees Celcius)	Temperature	--	--	25.5	49.2	25.6	44.3	27.6	--	38.9	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.830	0.150	0.500	0.00	2.46	--	1.78	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	--	53400	--	54200	52900	--	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	ND	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	ND	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	ND	--	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	ND	--	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	ND	--	--
Metals (ppb)	Copper	1300	MCL	25.8	--	21.7	--	44.2	44.5	--	--
	Lead	15	MCL	ND	--	ND	--	ND	ND	--	--
	Mercury	2	MCL	ND	--	ND	--	ND	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	--	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	--	--

Summary of Chemistry Results

Zone F2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone F2

		F2-BLDG1928 Child Development Center Building 1928,CHILD DEVELOPMT CENTER (530 PELTIER AVE)				F2-BLDG4655 Child Development Center Building 4655,CATLIN SCHOOL AGE CENTER				
		Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
		F2-TW-0014145-24183-N-2	2024-07-03	N (Normal)	F2-TW-0014145-24183-N-2-H	2024-07-03	N (Normal)	F2-TW-0014145-24183-N-1	2024-07-03	N (Normal)
		F2-TW-0014145-24183-N-1	2024-07-03	N (Normal)	F2-TW-0014145-24183-N-1-H	2024-07-03	N (Normal)	F2-TW-0014156-24183-N-1	2024-07-03	N (Normal)
								F2-TW-0014156-24183-3-N-1	2024-07-03	FD (Field Duplicate)
								F2-TW-0014156-24183-N-1-H	2024-07-03	N (Normal)
								F2-TW-0014156-24183-3-N-1-H	2024-07-03	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	--	ND	--	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND	--
	Bromoform	--	--	0.370	--	0.360	--	ND	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	ND	--
	Total Trihalomethanes	80	MCL	0.370	--	0.360	--	ND	ND	--

Summary of Chemistry Results

Zone F2

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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone F2

		Location ID:	F2-BLDG4655		
		Location Type:	Child Development Center		
		Address:	Building 4655,CATLIN SCHOOL AGE CENTER		
		Field Sample ID:	F2-TW-0014156-24183-N-2	F2-TW-0014156-24183-N-2-H	
		Sample Date:	2024-07-03	2024-07-03	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--
	E. coli	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	490	320
Field Test (pH)	pH	--	--	7.09	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	27.5	39.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.930	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	--
	Total Organic Carbon	--	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--
Metals (ppb)	Copper	1300	MCL	31.7	--
	Lead	15	MCL	ND	--
	Mercury	2	MCL	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--

Summary of Chemistry Results

Zone F2

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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone F2

		Location ID:	F2-BLDG4655		
		Location Type:	Child Development Center		
		Address:	Building 4655,CATLIN SCHOOL AGE CENTER		
		Field Sample ID:	F2-TW-0014156-24183-N-2	F2-TW-0014156-24183-N-2-H	
		Sample Date:	2024-07-03	2024-07-03	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--
	Benzene	5	MCL	ND	--
	Ethylbenzene	700	MCL	ND	--
	m,p-Xylene	--	--	ND	--
	o-Xylene	--	--	ND	--
	Toluene	1000	MCL	ND	--
	Xylenes, Total	10000	MCL	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--
	Bromoform	--	--	ND	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--

Summary of Chemistry Results
Zone F2
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
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0002	F2-HYD0003	F2-HYD0011	F2-HYD0012		F2-HYD0014	F2-HYD0026	F2-HYD0030
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant
				Address:	FH 2	FH 3	FH 11	FH 12 (Correct LOCID is F2-HYD1338)		FH 14	FH 26	FH 30
				Field Sample ID:	F2-DL-0017744-24183 -N	F2-DL-0017772-24183 -N	F2-DL-0017745-24183 -N	F2-DL-0017776-24183 -N	F2-DL-0017776-24183 -3-N	F2-DL-0017746-24183 -N	F2-DL-0017771-24183 -N	F2-DL-0017747-24183 -N
				Sample Date:	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25
				Sample Type:	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	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	12.0	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510	450	30.0	410	--	510	600	640	
Field Test (pH)	pH	--	--	7.28	7.43	7.58	7.22	--	7.39	7.43	7.15	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.340	0.260	--	0.250	0.250	0.250	
Field Test (degrees Celcius)	Temperature	--	--	26.2	28.7	30.8	28.3	--	26.6	25.5	26.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.360	0.580	0.520	--	0.520	0.540	0.750	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	61500	60500	73200	61200	57800	56900	56700	60500	
	Total Organic Carbon	--	--	ND	ND	200	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	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	

Summary of Chemistry Results

Zone F2

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
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone F2

		Location ID:	F2-HYD0002	F2-HYD0003	F2-HYD0011	F2-HYD0012		F2-HYD0014	F2-HYD0026	F2-HYD0030
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant
		Address:	FH 2	FH 3	FH 11	FH 12 (Correct LOCID is F2-HYD1338)		FH 14	FH 26	FH 30
		Field Sample ID:	F2-DL-0017744-24183 -N	F2-DL-0017772-24183 -N	F2-DL-0017745-24183 -N	F2-DL-0017776-24183 -N	F2-DL-0017776-24183 -3-N	F2-DL-0017746-24183 -N	F2-DL-0017771-24183 -N	F2-DL-0017747-24183 -N
		Sample Date:	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25
		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							
Volatile Organic Compounds (ppb)	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	0.410	ND	ND	ND	ND
	Bromoform	--	--	ND	0.780	8.40	0.320	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.580	1.50	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	1.36	10.3	0.320	ND	ND	ND

Summary of Chemistry Results
Zone F2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone F2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F2-HYD0031	F2-HYD0039	F2-HYD003A	F2-HYD0047	F2-HYD0213	F2-HYD0520	F2-HYD071A	
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
				Address:	FH 31	FH 39	FH 3A	FH 47	FH 213 (Possibly F2-HYD0020)	FH 520 (Possibly F2-HYD0018)	FH 71A	
				Field Sample ID:	F2-DL-0017748-24183 -N	F2-DL-0017749-24183 -N	F2-DL-0017773-24183 -N	F2-DL-0017750-24183 -N	F2-DL-0017774-24183 -N	F2-DL-0017774-24183 -3-N	F2-DL-0017775-24183 -N	F2-DL-0017751-24183 -N
				Sample Date:	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	2.00	2.00	
Field Test (ppb)	Free Chlorine	4000	MCL	400	570	510	540	600	--	610	450	
Field Test (pH)	pH	--	--	7.34	7.41	7.30	7.26	7.33	--	7.36	7.36	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.240	0.250	0.250	--	0.250	0.250	
Field Test (degrees Celcius)	Temperature	--	--	28.8	26.2	27.0	26.2	25.1	--	25.4	30.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.850	0.900	0.360	0.810	0.0580	--	0.780	0.930	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59300	60200	59400	57600	58700	57200	58900	61100	
	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	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	

Summary of Chemistry Results

Zone F2

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

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Drinking Water Samples Collected in July 2024 from Hydrants in Zone F2

		Location ID:	F2-HYD0031	F2-HYD0039	F2-HYD003A	F2-HYD0047	F2-HYD0213		F2-HYD0520	F2-HYD071A
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant
		Address:	FH 31	FH 39	FH 3A	FH 47	FH 213 (Possibly F2-HYD0020)		FH 520 (Possibly F2-HYD0018)	FH 71A
		Field Sample ID:	F2-DL-0017748-24183 -N	F2-DL-0017749-24183 -N	F2-DL-0017773-24183 -N	F2-DL-0017750-24183 -N	F2-DL-0017774-24183 -N	F2-DL-0017774-24183 -3-N	F2-DL-0017775-24183 -N	F2-DL-0017751-24183 -N
		Sample Date:	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25	2024-07-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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	--	--	0.550	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	2.90	0.300	ND	ND	0.340	0.320	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.80	ND	ND	ND	ND	ND	0.420
	Total Trihalomethanes	80	MCL	5.25	0.300	ND	ND	0.340	0.320	ND

Summary of Chemistry Results

Zone F2

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 July 2024 from Hydrants in Zone F2

		Location ID:	F2-HYD1681	F2-HYD2229	
		Location Type:	Hydrant	Hydrant	
		Address:	FH 21	FH 18	
		Field Sample ID:	F2-DL-0018366-24092 -N	F2-DL-0018365-24092 -N	
		Sample Date:	2024-07-17	2024-07-17	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent
	E. coli	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	420	420
Field Test (pH)	pH	--	--	7.18	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.280
Field Test (degrees Celcuis)	Temperature	--	--	27.4	28.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.740	0.860