

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID:	D3-AUPA0123		D3-AUPA0125			D3-HALE0150	D3-HALE1002	D3-HALE1008
		Location Type:	Residence		Residence			Residence	Residence	Residence
		Address:	123 Aupaka Street		125 Aupaka Street			150 Halena Court	1002 Halehaka Street	1008 Halehaka Street
		Field Sample ID:	D3-TW-0009650-24092-N	D3-TW-0009650-24092-N-H	D3-TW-0009651-24092-N	D3-TW-0009651-24092-N-H	D3-TW-0009651-24092-N-R1	D3-TW-0009669-24092-N	D3-TW-0009672-24092-N	D3-TW-0009678-24092-N
		Sample Date:	2024-06-26	2024-06-26	2024-06-10	2024-06-10	2024-06-27	2024-04-23	2024-05-09	2024-05-29
		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	--	--	6.00	ND	ND	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	430	330	140	310	370	320	780
Field Test (pH)	pH	--	--	7.41	7.43	7.19	7.11	6.88	7.31	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.260	0.250	0.220	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.2	44.8	26.4	41.8	25.2	25.4	23.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.04	0.690	0.690	0.430	0.00	0.710	0.180
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	48300	--	52700	--	--	55000	52200
	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	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	47.3	--	32.0	--	--	39.0	6.30
	Lead	15	MCL	0.150	--	1.30	--	--	3.10	0.140
	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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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID: D3-AUPA0123		D3-AUPA0125			D3-HALE0150	D3-HALE1002	D3-HALE1008		
		Residence		Residence			Residence	Residence	Residence		
		123 Aupaka Street		125 Aupaka Street			150 Halena Court	1002 Halehaka Street	1008 Halehaka Street		
		Field Sample ID:	D3-TW-0009650-24092-N	D3-TW-0009650-24092-N-H	D3-TW-0009651-24092-N	D3-TW-0009651-24092-N-H	D3-TW-0009651-24092-N-R1	D3-TW-0009669-24092-N	D3-TW-0009672-24092-N	D3-TW-0009678-24092-N	
		Sample Date:	2024-06-26	2024-06-26	2024-06-10	2024-06-10	2024-06-27	2024-04-23	2024-05-09	2024-05-29	
		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	--	--	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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID:	D3-HALE1008	D3-HONO0146	D3-ILIM0097	D3-ILIM0121	D3-ILIM0131		D3-KIKA0702	D3-KIKA0753	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	1008 Halehaka Street	146 Honohono Street	97 Ilima Street	121 Ilima Street	131 Ilima Street		702 Kikanai Loop	753 Kikanai Loop	
		Field Sample ID:	D3-TW-0009678-24092-N-H	D3-TW-0009695-24092-N	D3-TW-0009705-24092-N	D3-TW-0009715-24092-N	D3-TW-0009719-24092-N	D3-TW-0009719-24092-N-H	D3-TW-0009723-24092-N	D3-TW-0009748-24092-N	
		Sample Date:	2024-05-29	2024-04-23	2024-04-23	2024-05-09	2024-05-29	2024-05-29	2024-05-09	2024-04-23	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	Absent	--	Absent	--
	E. coli	--	--	--	--	--	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	6.00	ND	2.00	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	80.0	460	260	610	770	470	670	490
Field Test (pH)	pH	--	--	7.48	7.41	7.33	7.26	7.38	7.52	7.27	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.230	0.250	0.240	0.260	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	35.3	23.4	24.4	22.1	25.8	42.0	23.8	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.110	0.650	0.250	0.320	0.140	0.0820	0.660	0.320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52500	55000	52600	52100	--	51300	55000
	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	--	6.20	32.7	5.50	4.80	--	10.1	5.50
	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

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				Location ID:	D3-HALE1008	D3-HONO0146	D3-ILIM0097	D3-ILIM0121	D3-ILIM0131		D3-KIKA0702	D3-KIKA0753
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	1008 Halehaka Street	146 Honohono Street	97 Ilima Street	121 Ilima Street	131 Ilima Street		702 Kikanai Loop	753 Kikanai Loop
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				Sample Date:	2024-05-29	2024-04-23	2024-04-23	2024-05-09	2024-05-29	2024-05-29	2024-05-09	2024-04-23
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	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	ND	ND	ND	ND	--	ND	ND
	Chloroform	--	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	ND	ND	--	ND	ND

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID:	D3-KOKI0082	D3-KOKO0101		D3-KOKO0104	D3-KOKO0108		D3-KOKO0137	D3-KOKO0145	
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence	
		Address:	82 Kokio Lane	101 Kokomalei Street		104 Kokomalei Street	108 Kokomalei Street		137 Kokomalei Street	145 Kokomalei Street	
		Field Sample ID:	D3-TW-0009759-24092-N	D3-TW-0009763-24092-N	D3-TW-0009763-24092-N-H	D3-TW-0009766-24092-N	D3-TW-0009770-24092-N	D3-TW-0009770-24092-N-H	D3-TW-0009793-24092-N	D3-TW-0009797-24092-N	
		Sample Date:	2024-05-09	2024-06-28	2024-06-28	2024-05-07	2024-06-28	2024-06-28	2024-04-23	2024-06-10	
		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	2.00	ND	--	4.00	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	90.0	350	600	490	290	280	380	510
Field Test (pH)	pH	--	--	7.28	7.26	7.16	7.17	7.27	7.12	7.26	7.18
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.270	0.250	0.260	0.270	0.280	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.2	23.1	37.0	26.8	25.6	39.4	30.4	27.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.420	0.430	1.54	0.590	0.270	0.190	0.500	2.17
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	48800	59200	--	52000	59000	--	50000	54100
	Total Organic Carbon	--	--	ND	500	--	ND	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	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	48.8	77.4	--	107	52.5	--	106	64.9
	Lead	15	MCL	0.230	0.170	--	0.150	ND	--	0.170	ND
	Mercury	2	MCL	ND	ND	--	ND	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0130	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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				Sample Date:	2024-05-09	2024-06-28	2024-06-28	2024-05-07	2024-06-28	2024-06-28	2024-04-23	2024-06-10
				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	--	--	1.20	ND	--	ND	ND	--	ND	ND	ND
	Bromoform	--	--	2.50	0.320	--	ND	ND	--	0.460	ND	ND
	Chloroform	--	--	1.00	ND	--	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	2.60	ND	--	ND	0.280	--	0.280	ND	ND
	Total Trihalomethanes	80	MCL	7.30	0.320	--	ND	0.280	--	0.740	ND	ND

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		Location ID:	D3-KOKO0145		D3-KOKO0147	D3-KOKO0163	D3-KOKO0171			D3-KOPI0111	
		Location Type:	Residence		Residence	Residence	Residence			Residence	
		Address:	145 Kokomalei Street		147 Kokomalei Street	163 Kokomalei Street	171 Kokomalei Street			111 Kopiko Street	
		Field Sample ID:	D3-TW-0009797-24092-N-H	D3-TW-0009797-24092-N-R1	D3-TW-0009798-24092-N	D3-TW-0009804-24092-N	D3-TW-0009807-24092-N	D3-TW-0009807-24092-N-H	D3-TW-0009807-24092-N-R1	D3-TW-0009811-24092-N	
		Sample Date:	2024-06-10	2024-06-27	2024-04-23	2024-05-09	2024-06-10	2024-06-10	2024-06-27	2024-06-28	
		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	
	E. coli	--	--	--	--	Absent	Absent	--	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	--	86.0	ND	ND	--	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	220	400	420	620	520	40.0	240	340
Field Test (pH)	pH	--	--	7.19	7.09	7.36	7.18	7.18	7.01	7.09	7.45
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.240	0.240	0.250	0.280	0.260	0.230
Field Test (degrees Celcius)	Temperature	--	--	43.5	24.4	24.5	25.1	25.1	50.6	25.7	25.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.89	0.00	0.0220	0.350	0.250	0.0130	0.0620	0.330
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	50000	50900	51200	--	--	60100
	Total Organic Carbon	--	--	--	--	ND	ND	ND	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	--	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	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	--	--	73.8	93.8	65.2	--	--	76.3
	Lead	15	MCL	--	--	ND	0.150	0.180	--	--	0.140
	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	0.0130	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 D3**

**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 D3**

		Location ID: D3-KOKO0145		D3-KOKO0147		D3-KOKO0163		D3-KOKO0171			D3-KOPI0111
		Residence		Residence		Residence		Residence			Residence
		145 Kokomalei Street		147 Kokomalei Street		163 Kokomalei Street		171 Kokomalei Street			111 Kopiko Street
		D3-TW-0009797-24092-N-H	D3-TW-0009797-24092-N-R1	D3-TW-0009798-24092-N	D3-TW-0009804-24092-N	D3-TW-0009807-24092-N	D3-TW-0009807-24092-N-H	D3-TW-0009807-24092-N-R1	D3-TW-0009811-24092-N		
		2024-06-10	2024-06-27	2024-04-23	2024-05-09	2024-06-10	2024-06-10	2024-06-27	2024-06-28		
		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	1.80	--	--	0.380
	Bromoform	--	--	--	--	ND	ND	6.60	--	--	0.800
	Chloroform	--	--	--	--	ND	ND	2.00	--	--	ND
	Dibromochloromethane	--	--	--	--	ND	0.270	4.00	--	--	0.820
	Total Trihalomethanes	80	MCL	--	--	ND	0.270	14.4	--	--	2.00

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-KOPI0111			D3-LILI0251	D3-LILI0257	D3-MAKA1020	D3-MAKA1026	
				Location Type:	Residence			Residence	Residence	Residence	Residence	
				Address:	111 Kopiko Street			251 Lilia Street	257 Lilia Street	1020 Makalika Loop	1026 Makalika Loop	
				Field Sample ID:	D3-TW-0009811-24092-N-H	D3-TW-0009811-24092-3-N	D3-TW-0009811-24092-3-N-H	D3-TW-0011230-24092-N	D3-TW-0011233-24092-N	D3-TW-0011239-24092-N	D3-TW-0011242-24092-N	D3-TW-0011242-24092-N-H
				Sample Date:	2024-06-28	2024-06-28	2024-06-28	2024-05-09	2024-05-09	2024-05-09	2024-06-26	2024-06-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	6.00	ND	ND	2.00	ND	26.0	
Field Test (ppb)	Free Chlorine	4000	MCL	1120	--	--	580	720	810	460	100	
Field Test (pH)	pH	--	--	7.31	--	--	7.19	7.19	7.19	7.30	7.45	
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	--	--	0.240	0.240	0.240	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	41.2	--	--	24.2	24.7	22.1	24.2	35.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.270	--	--	0.390	0.440	0.320	0.300	0.380	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	60500	--	51600	50900	51900	49400	--	
	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	--	79.0	--	7.00	5.80	15.3	5.90	--	
	Lead	15	MCL	--	0.130	--	0.130	ND	0.310	0.240	--	
	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	--	0.0110	--	0.0140	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 D3**

**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-KOPI0111			D3-LILI0251	D3-LILI0257	D3-MAKA1020	D3-MAKA1026	
				Location Type:	Residence			Residence	Residence	Residence	Residence	
				Address:	111 Kopiko Street			251 Lilia Street	257 Lilia Street	1020 Makalika Loop	1026 Makalika Loop	
				Field Sample ID:	D3-TW-0009811-24092-N-H	D3-TW-0009811-24092-3-N	D3-TW-0009811-24092-3-N-H	D3-TW-0011230-24092-N	D3-TW-0011233-24092-N	D3-TW-0011239-24092-N	D3-TW-0011242-24092-N	D3-TW-0011242-24092-N-H
				Sample Date:	2024-06-28	2024-06-28	2024-06-28	2024-05-09	2024-05-09	2024-05-09	2024-06-26	2024-06-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)				
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	--	--	--	0.420	--	ND	ND	ND	ND	ND	--
	Bromoform	--	--	--	0.950	--	ND	ND	ND	ND	ND	--
	Chloroform	--	--	--	0.250	--	ND	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	--	0.970	--	ND	ND	ND	ND	ND	--
	Total Trihalomethanes	80	MCL	--	2.59	--	ND	ND	ND	ND	ND	--

**Summary of Chemistry Results**  
**Zone D3**  
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-MELI0223					D3-MELI0307	D3-NANU0936	D3-NANU0947
				D3-MELI0205	Residence					Residence	Residence	Residence
				Address:	223 Melia Street					307 Melia Street	936 Nanu Street	947 Nanu Street
				Field Sample ID:	D3-TW-0011254-24092-N	D3-TW-0011268-24092-N	D3-TW-0011268-24092-N-H	D3-TW-0011268-24092-3-N	D3-TW-0011268-24092-3-N-H	D3-TW-0011293-24092-N	D3-TW-0011351-24092-N	D3-TW-0011360-24092-N
				Sample Date:	2024-05-09	2024-06-28	2024-06-28	2024-06-28	2024-06-28	2024-05-07	2024-04-23	2024-05-07
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	--	--	--	--	--
	E. coli	--	--	Absent	Absent	--	Absent	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	610	520	90.0	--	--	650	530	970	
Field Test (pH)	pH	--	--	7.16	7.16	7.25	--	--	7.20	7.26	7.18	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.280	--	--	0.250	0.280	0.250	
Field Test (degrees Celcius)	Temperature	--	--	23.3	23.5	40.7	--	--	24.5	23.7	23.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	1.56	1.17	--	--	0.560	0.00130	0.340	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52400	59200	--	58600	--	51700	48800	52700	
	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	5.90	11.6	--	11.3	--	7.60	8.70	5.10	
	Lead	15	MCL	ND	ND	--	ND	--	0.130	0.180	ND	
	Mercury	2	MCL	ND	ND	--	ND	--	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	0.0130	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 D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-MELI0223					D3-MELI0307	D3-NANU0936	D3-NANU0947
				D3-MELI0205	D3-TW-0011268-24092-N	D3-TW-0011268-24092-N	D3-TW-0011268-24092-N-H	D3-TW-0011268-24092-3-N	D3-TW-0011268-24092-3-N-H	D3-TW-0011293-24092-N	D3-TW-0011351-24092-N	D3-TW-0011360-24092-N
				Location Type:								
				Address:								
				Field Sample ID:								
				Sample Date:								
				Sample Type:								
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	ND	--	ND	--	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--	ND	ND	ND	ND

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**Zone D3**  
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-NEHE1006			D3-NEHE1014		D3-NEHE1022		
				Location ID:	Location Type:	Address:	Residence		Residence		Residence
				D3-TW-0011367-24092-N	D3-TW-0011367-24092-N-H	D3-TW-0011367-24092-N-R1	D3-TW-0011371-24092-N	D3-TW-0011371-24092-N-H	D3-TW-0011374-24092-N	D3-TW-0011374-24092-N-H	D3-TW-0011374-24092-3-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
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
Field Test (ppb)	Free Chlorine	4000	MCL	620	240	600	450	70.0	480	400	--
Field Test (pH)	pH	--	--	7.28	7.29	7.28	7.34	7.55	7.37	7.55	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.210	0.250	0.240	0.240	0.260	0.260	0.280	--
Field Test (degrees Celcius)	Temperature	--	--	23.8	40.1	25.0	24.4	42.0	24.4	40.6	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	7.08	2.70	0.450	0.720	0.570	0.400	0.420	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52700	--	--	51300	--	49600	--	49200
	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	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	3.70	--	--	5.70	--	5.00	--	5.10
	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 D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-NEHE1006			Location ID: D3-NEHE1014		Location ID: D3-NEHE1022			
				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	D3-TW-0011367-24092-N	2024-06-10	N (Normal)	D3-TW-0011367-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Ethylbenzene	700	MCL	D3-TW-0011367-24092-N-H	2024-06-10	N (Normal)	D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N-H	2024-06-26	N (Normal)
	m,p-Xylene	--	--	D3-TW-0011367-24092-N-R1	2024-06-28	N (Normal)	D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	o-Xylene	--	--				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N-H	2024-06-26	N (Normal)
	Toluene	1000	MCL				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Xylenes, Total	10000	MCL				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
							D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Bromoform	--	--				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Chloroform	--	--				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Dibromochloromethane	--	--				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)
	Total Trihalomethanes	80	MCL				D3-TW-0011371-24092-N	2024-06-26	N (Normal)	D3-TW-0011374-24092-N	2024-06-26	N (Normal)

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Parts per Thousand (ppth)
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-NEHE1034		D3-OHAN0126	D3-OHAN0238		D3-OHAN0304	D3-OHAN0408
				D3-NEHE1022	Residence		Residence	Residence		Residence	Residence
				1022 Nehe Street	1034 Nehe Street		126 Ohana Nui Circle	238 Ohana Nui Circle		304 Ohana Nui Circle	408 Ohana Nui Circle
				D3-TW-0011374-24092-3-N-H	D3-TW-0011379-24092-N	D3-TW-0011379-24092-N-H	D3-TW-0010195-24092-N	D3-TW-0010233-24092-N	D3-TW-0010233-24092-3-N	D3-TW-0010235-24092-N	D3-TW-0010261-24092-N
				2024-06-26	2024-06-26	2024-06-26	2024-04-23	2024-05-07	2024-05-07	2024-05-07	2024-05-07
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	--	--	--
	E. coli	--	--	--	Absent	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00	ND	ND	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	--	450	300	480	800	--	600	690
Field Test (pH)	pH	--	--	--	7.23	7.08	7.37	7.18	--	7.20	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.240	0.280	0.230	0.240	--	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	--	24.3	39.8	24.5	23.2	--	24.2	23.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.190	0.800	0.00	0.190	--	0.510	0.260
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	50500	--	50000	51800	52800	53900	51700
	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	--	4.40	--	8.40	4.10	4.40	5.80	4.00
	Lead	15	MCL	--	0.150	--	0.260	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	0.0130	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 D3**

**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-NEHE1034		D3-OHAN0126	D3-OHAN0238		D3-OHAN0304	D3-OHAN0408
				Location Type:	Residence		Residence	Residence		Residence	Residence
				Address:	1034 Nehe Street		126 Ohana Nui Circle	238 Ohana Nui Circle		304 Ohana Nui Circle	408 Ohana Nui Circle
				Field Sample ID:	D3-TW-0011379-24092-N	D3-TW-0011379-24092-N-H	D3-TW-0010195-24092-N	D3-TW-0010233-24092-N	D3-TW-0010233-24092-3-N	D3-TW-0010235-24092-N	D3-TW-0010261-24092-N
				Sample Date:	2024-06-26	2024-06-26	2024-06-26	2024-04-23	2024-05-07	2024-05-07	2024-05-07
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
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	--	0.390	ND	ND	ND	ND
	Chloroform	--	--	--	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	ND	--	0.300	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	--	0.690	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-OHAN0411	D3-OHAN0531	D3-OHAN0731	D3-OHAN0981	D3-OHAN0991			D3-OHAN0993
				Location Type:	Residence	Residence	Residence	Residence	Residence			Residence
				Address:	411 Ohana Nui Circle	531 Ohana Nui Circle	731 Ohana Nui Circle	981 Ohana Nui Circle	991 Ohana Nui Circle			993 Ohana Nui Circle
				Field Sample ID:	D3-TW-0010262-24092-N	D3-TW-0010298-24092-N	D3-TW-0009464-24092-N	D3-TW-0010027-24092-N	D3-TW-0010035-24092-N	D3-TW-0010035-24092-N-H	D3-TW-0010035-24092-N-R1	D3-TW-0010036-24092-N
				Sample Date:	2024-04-23	2024-04-23	2024-04-23	2024-04-23	2024-06-10	2024-06-10	2024-06-27	2024-06-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	Absent	--	--	Absent
	E. coli	--	--	--	--	--	--	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	440	480	480	630	230	330	650	
Field Test (pH)	pH	--	--	7.41	7.51	7.53	7.37	7.21	7.58	7.19	7.31	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.240	0.260	0.240	0.260	0.250	--	
Field Test (degrees Celcius)	Temperature	--	--	25.8	25.0	24.3	23.8	24.1	37.1	28.8	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.760	0.230	0.330	0.00	2.21	21.6	0.450	0.0240	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	50000	50000	50000	54500	--	--	53200	
	Total Organic Carbon	--	--	ND	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	--	--	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	5.10	8.60	5.20	6.00	3.60	--	--	7.30	
	Lead	15	MCL	0.130	0.130	0.220	0.160	0.240	--	--	0.160	
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	--	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	0.0160	ND	ND	0.0200	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 D3**

**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-OHAN0411	D3-OHAN0531	D3-OHAN0731	D3-OHAN0981	D3-OHAN0991			D3-OHAN0993
				Location Type:	Residence	Residence	Residence	Residence	Residence			Residence
				Address:	411 Ohana Nui Circle	531 Ohana Nui Circle	731 Ohana Nui Circle	981 Ohana Nui Circle	991 Ohana Nui Circle			993 Ohana Nui Circle
				Field Sample ID:	D3-TW-0010262-24092-N	D3-TW-0010298-24092-N	D3-TW-0009464-24092-N	D3-TW-0010027-24092-N	D3-TW-0010035-24092-N	D3-TW-0010035-24092-N-H	D3-TW-0010035-24092-N-R1	D3-TW-0010036-24092-N
				Sample Date:	2024-04-23	2024-04-23	2024-04-23	2024-04-23	2024-06-10	2024-06-10	2024-06-27	2024-06-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
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	ND	ND	ND	ND	ND	--	--	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	--	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	--	--	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

		Location ID:		D3-OHAN0993		D3-OHAN1007			D3-OHAN1021		D3-OHAN1023
		Location Type:		Residence		Residence			Residence		Residence
		Address:		993 Ohana Nui Circle		1007 Ohana Nui Circle			1021 Ohana Nui Circle		1023 Ohana Nui Circle
		Field Sample ID:		D3-TW-0010036-24092-N-H	D3-TW-0010036-24092-N-R1	D3-TW-0010045-24092-N	D3-TW-0010045-24092-N-H	D3-TW-0010045-24092-N-R1	D3-TW-0010047-24092-N	D3-TW-0010047-24092-N-H	D3-TW-0010048-24092-N
		Sample Date:		2024-06-10	2024-06-27	2024-06-10	2024-06-10	2024-06-27	2024-06-26	2024-06-26	2024-06-26
		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
	E. coli	--	--	--	--	Absent	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	ND	ND	--	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	390	410	620	110	390	430	580	460
Field Test (pH)	pH	--	--	7.50	7.34	6.98	7.32	7.32	7.00	7.26	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.230	0.250	0.280	0.240	0.260	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	--	27.8	24.6	43.3	25.9	23.9	37.1	23.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.390	0.00	0.160	0.150	0.00	0.0870	0.880
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	54700	--	--	50800	--	49200
	Total Organic Carbon	--	--	--	--	ND	--	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	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	--	--	6.00	--	--	10.8	--	6.10
	Lead	15	MCL	--	--	0.290	--	--	1.80	--	ND
	Mercury	2	MCL	--	--	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
	1,3,5-Trimethylbenzene	--	--	--	--	ND	--	--	ND	--	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

				D3-OHAN0993		D3-OHAN1007			D3-OHAN1021		D3-OHAN1023
				Residence		Residence			Residence		Residence
				993 Ohana Nui Circle		1007 Ohana Nui Circle			1021 Ohana Nui Circle		1023 Ohana Nui Circle
				D3-TW-0010036-24092-N-H	D3-TW-0010036-24092-N-R1	D3-TW-0010045-24092-N	D3-TW-0010045-24092-N-H	D3-TW-0010045-24092-N-R1	D3-TW-0010047-24092-N	D3-TW-0010047-24092-N-H	D3-TW-0010048-24092-N
				2024-06-10	2024-06-27	2024-06-10	2024-06-10	2024-06-27	2024-06-26	2024-06-26	2024-06-26
				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
	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	--	--	ND	--	ND
	Chloroform	--	--	--	--	ND	--	--	ND	--	ND
	Dibromochloromethane	--	--	--	--	ND	--	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	--	ND	--	--	ND	--	ND

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-OHAN1033		D3-OHAN1048		D3-OKIK0347		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D3-OHAN1023 Residence 1023 Ohana Nui Circle	D3-OHAN1033 Residence 1033 Ohana Nui Circle	D3-OHAN1033 Residence 1033 Ohana Nui Circle	D3-OHAN1048 Residence 1048 Ohana Nui Circle	D3-OHAN1048 Residence 1048 Ohana Nui Circle	D3-OKIK0347 Residence 347 Okika Street	D3-OKIK0347 Residence 347 Okika Street	D3-OKIK0347 Residence 347 Okika Street
				D3-TW-0010048-24092-N-H	D3-TW-0010052-24092-N	D3-TW-0010052-24092-N-H	D3-TW-0010062-24092-N	D3-TW-0010062-24092-N-H	D3-TW-0010314-24092-N	D3-TW-0010314-24092-N-H	D3-TW-0010314-24092-3-N
				2024-06-26	2024-06-26	2024-06-26	2024-06-26	2024-06-26	2024-05-29	2024-05-29	2024-05-29
				N (Normal)	N (Normal)	N (Normal)	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	2.00	2.00	ND	ND	4.00	555	ND
Field Test (ppb)	Free Chlorine	4000	MCL	280	470	270	470	280	770	590	--
Field Test (pH)	pH	--	--	7.16	7.37	7.47	7.39	7.29	7.34	7.37	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.240	0.270	0.220	0.240	--
Field Test (degrees Celcius)	Temperature	--	--	35.9	24.1	39.7	25.5	44.7	23.8	35.1	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.950	0.330	0.250	0.420	0.600	0.240	4.19	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	49500	--	51400	--	54200	--	51900
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	4.50	--	5.90	--	3.10	--	3.00
	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 D3**

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

<b>Notes:</b>
ND = Not Detected
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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = 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 D3**

		Location ID: D3-OKIK0347									
		Location Type: Residence									
		Address: 347 Okika Street									
		Field Sample ID:	D3-TW-0010314-24092-3-N-H	D3-TW-0010314-24092-N-2	D3-TW-0010314-24092-N-2-H	D3-TW-0010314-24092-N-3	D3-TW-0010314-24092-N-3-H	D3-TW-0010314-24092-N-4	D3-TW-0010314-24092-N-H-R1	D3-TW-0010314-24092-N-R1	
		Sample Date:	2024-05-29	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	
		Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	355	ND	4.00	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	--	510	540	500	470	490	450	480
Field Test (pH)	pH	--	--	--	7.34	7.36	7.31	7.52	7.36	7.37	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.250	0.260	0.240	0.270	0.250	0.250	0.260
Field Test (degrees Celcuis)	Temperature	--	--	--	23.9	42.2	24.5	43.6	24.7	38.4	24.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.220	0.610	0.660	0.250	0.530	0.150	0.180

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

		Location ID:		D3-OKIK0347			D3-PUAK0276		D3-PUAK0277		D3-PUAK0284
		Location Type:		Residence			Residence		Residence		Residence
		Address:		347 Okika Street			276 Puakauhi Court		277 Puakauhi Court		284 Puakauhi Court
		Field Sample ID:	D3-TW-0010314-24092-N-1	D3-TW-0010314-24092-N-1-H	D3-TW-0010314-24092-N-4-H	D3-TW-0010360-24092-N	D3-TW-0010360-24092-N-H	D3-TW-0010361-24092-N	D3-TW-0010361-24092-N-H	D3-TW-0010365-24092-N	
		Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-05-29	2024-05-29	2024-05-29	2024-05-29	2024-05-29	
		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	10.0	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	330	410	620	680	800	730	740
Field Test (pH)	pH	--	--	7.34	7.37	7.51	7.33	7.35	7.41	7.62	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.270	0.220	0.240	0.240	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.9	46.1	42.8	25.8	42.1	23.1	41.7	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.710	0.190	2.57	0.210	0.200	0.240	0.880
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	53800	--	53700	--	53100
	Total Organic Carbon	--	--	--	--	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	--	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	--	--	32.3	--	82.1	--	36.0
	Lead	15	MCL	--	--	--	ND	--	0.150	--	ND
	Mercury	2	MCL	--	--	--	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
	1,3,5-Trimethylbenzene	--	--	--	--	--	ND	--	ND	--	ND

**Summary of Chemistry Results**

**Zone D3**

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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-- = No Information Available
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N (Grab, Resample) = Additional follow-up sample
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID: D3-OKIK0347			D3-PUAK0276		D3-PUAK0277		D3-PUAK0284		
		Location Type: Residence			Residence		Residence		Residence		
		Address: 347 Okika Street			276 Puakauhi Court		277 Puakauhi Court		284 Puakauhi Court		
		Field Sample ID: D3-TW-0010314-24092-N-1	D3-TW-0010314-24092-N-1-H	D3-TW-0010314-24092-N-4-H	D3-TW-0010360-24092-N	D3-TW-0010360-24092-N-H	D3-TW-0010361-24092-N	D3-TW-0010361-24092-N-H	D3-TW-0010365-24092-N		
		Sample Date: 2024-07-05	2024-07-05	2024-07-05	2024-05-29	2024-05-29	2024-05-29	2024-05-29	2024-05-29		
		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
	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	--	ND	--	ND
	Chloroform	--	--	--	--	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	--	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	--	--	ND	--	ND	--	ND

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-PUAK1002		D3-PUAK1007			D3-PUAK1014	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D3-PUAK0284	D3-PUAK1002	D3-PUAK1007	D3-PUAK1007	D3-PUAK1007	D3-PUAK1007	D3-PUAK1014	D3-PUAK1014
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				284 Puakauhi Court	1002 Puakala Street	1007 Puakala Street	1007 Puakala Street	1007 Puakala Street	1007 Puakala Street	1014 Puakala Street	1014 Puakala Street
				D3-TW-0010365-24092-N-H	D3-TW-0010367-24092-N	D3-TW-0010367-24092-N-H	D3-TW-0010372-24092-N	D3-TW-0010372-24092-N-H	D3-TW-0010372-24092-N-R1	D3-TW-0010375-24092-N	D3-TW-0010375-24092-N-H
				2024-05-29	2024-06-11	2024-06-11	2024-06-10	2024-06-10	2024-06-27	2024-05-29	2024-05-29
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	--	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	250	650	260	670	240	430	760	950
Field Test (pH)	pH	--	--	7.30	7.33	7.54	7.34	7.48	7.29	7.17	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	--	--	0.240	0.260	0.250	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	48.0	--	--	23.8	41.5	23.8	24.9	41.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0270	0.0480	0.00	0.200	0.730	0.0340	0.150	0.00300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53100	--	54200	--	--	52100	--
	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	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	ND	--
Metals (ppb)	Copper	1300	MCL	--	7.20	--	5.70	--	--	4.50	--
	Lead	15	MCL	--	ND	--	0.220	--	--	ND	--
	Mercury	2	MCL	--	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	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	--	ND	--



**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

		Location ID:		D3-PUAK1022		D3-PUAK1031		D3-PUAK1033		D3-PUAK1036	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		1022 Puakala Street		1031 Puakala Street		1033 Puakala Street		1036 Puakala Street	
		Field Sample ID:		D3-TW-0010378-24092-N	D3-TW-0010378-24092-N-H	D3-TW-0010382-24092-N	D3-TW-0010382-24092-N-H	D3-TW-0010384-24092-N	D3-TW-0010384-24092-N-H	D3-TW-0010387-24092-N	D3-TW-0010387-24092-N-H
		Sample Date:		2024-05-29	2024-05-29	2024-06-26	2024-06-26	2024-06-26	2024-06-26	2024-06-27	2024-06-27
		Sample Type:		N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	760	420	410	180	490	300	450	290
Field Test (pH)	pH	--	--	7.22	7.47	7.32	7.08	7.27	7.44	7.24	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.240	0.260	0.260	0.270	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	24.1	45.0	24.6	41.4	23.5	41.7	26.3	45.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0860	0.320	0.470	0.120	0.00900	0.160	0.470	0.0700
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53300	--	50700	--	51500	--	51300	--
	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	8.90	--	8.10	--	4.40	--	6.00	--
	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 D3**

**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 D3**

		Location ID: D3-PUAK1022		D3-PUAK1031		D3-PUAK1033		D3-PUAK1036	
		Residence		Residence		Residence		Residence	
		Address: 1022 Puakala Street		1031 Puakala Street		1033 Puakala Street		1036 Puakala Street	
		Field Sample ID: D3-TW-0010378-24092-N	D3-TW-0010378-24092-N-H	D3-TW-0010382-24092-N	D3-TW-0010382-24092-N-H	D3-TW-0010384-24092-N	D3-TW-0010384-24092-N-H	D3-TW-0010387-24092-N	D3-TW-0010387-24092-N-H
		Sample Date: 2024-05-29	2024-05-29	2024-06-26	2024-06-26	2024-06-26	2024-06-26	2024-06-27	2024-06-27
		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	--
	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	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D3**

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		Location ID:	D3-PUAP0211		D3-PUAP0214		D3-PUAP0216		D3-PUAP0219	D3-PUUL0106	
		Location Type:	Residence		Residence		Residence		Residence	Residence	
		Address:	211 Puapilo Court		214 Puapilo Court		216 Puapilo Court		219 Puapilo Court	106 Puuloa Circle	
		Field Sample ID:	D3-TW-0010597-24092-N	D3-TW-0010597-24092-N-H	D3-TW-0010600-24092-N	D3-TW-0010600-24092-3-N	D3-TW-0010602-24092-N	D3-TW-0010602-24092-N-H	D3-TW-0010605-24092-N	D3-TW-0010614-24092-N	
		Sample Date:	2024-05-29	2024-05-29	2024-04-23	2024-04-23	2024-05-29	2024-05-29	2024-04-23	2024-06-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	Absent	--	--	Absent
	E. coli	--	--	Absent	--	--	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	740	950	440	--	690	390	470	370
Field Test (pH)	pH	--	--	7.30	7.32	7.32	--	7.36	7.49	7.33	7.07
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.250	0.250	--	0.230	0.240	0.220	0.260
Field Test (degrees Celcius)	Temperature	--	--	24.7	41.7	24.8	--	27.0	42.7	24.8	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0640	0.130	7.22	--	0.260	0.00130	0.530	0.620
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53300	--	55000	55000	55800	--	55000	48300
	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	30.0	--	30.6	29.0	36.0	--	27.1	40.3
	Lead	15	MCL	ND	--	ND	ND	0.250	--	ND	ND
	Mercury	2	MCL	ND	--	ND	ND	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	0.0130	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 D3**

**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 D3**

		Location ID: D3-PUAP0211		D3-PUAP0214		D3-PUAP0216		D3-PUAP0219		D3-PUUL0106	
		Residence		Residence		Residence		Residence		Residence	
		211 Puapilo Court		214 Puapilo Court		216 Puapilo Court		219 Puapilo Court		106 Puuloa Circle	
		D3-TW-0010597-24092-N	D3-TW-0010597-24092-N-H	D3-TW-0010600-24092-N	D3-TW-0010600-24092-3-N	D3-TW-0010602-24092-N	D3-TW-0010602-24092-N-H	D3-TW-0010605-24092-N	D3-TW-0010614-24092-N		
		2024-05-29	2024-05-29	2024-04-23	2024-04-23	2024-05-29	2024-05-29	2024-04-23	2024-06-26		
		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	ND	ND	--	ND	ND
	Chloroform	--	--	ND	--	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	ND	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	ND	ND	--	ND	ND

**Summary of Chemistry Results**

**Zone D3**

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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**Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone D3**

		<b>Location ID:</b>	D3-PUUL0106	D3-WELA0291	
		<b>Location Type:</b>	Residence	Residence	
		<b>Address:</b>	106 Puuloa Circle	291 Wela Loop	
		<b>Field Sample ID:</b>	D3-TW-0010614-24092-N-H	D3-TW-0010652-24092-N	
		<b>Sample Date:</b>	2024-06-26	2024-05-09	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>		
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent
	E. coli	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	93.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	90.0	720
Field Test (pH)	pH	--	--	7.10	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	44.7	22.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.790	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51400
	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	--	7.70
	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
	Naphthalene	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

		<b>Location ID:</b>	D3-PUUL0106	D3-WELA0291	
		<b>Location Type:</b>	Residence	Residence	
		<b>Address:</b>	106 Puuloa Circle	291 Wela Loop	
		<b>Field Sample ID:</b>	D3-TW-0010614-24092-N-H	D3-TW-0010652-24092-N	
		<b>Sample Date:</b>	2024-06-26	2024-05-09	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>		
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND
	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 D3**  
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				D3-BLDG0001								
				School								
				Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24092-N-1	D3-TW-0017506-24092-N-2	D3-TW-0017506-24092-N-3	D3-TW-0017506-24092-N-4	D3-TW-0017506-24092-N-5	D3-TW-0017506-24122-N-1	D3-TW-0017506-24122-N-4	D3-TW-0017506-24122-N-5
				Sample Date:	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-05-01	2024-05-01	2024-05-01
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	370	220	240	440	400	260	220	440	
Field Test (pH)	pH	--	--	7.32	7.36	7.40	7.38	7.43	7.32	7.29	7.33	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.240	0.230	0.230	0.240	0.240	0.240	
Field Test (degrees Celcius)	Temperature	--	--	25.1	26.8	26.4	26.4	26.7	26.7	27.2	28.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.00450	0.0840	0.0490	0.230	0.190	0.700	0.590	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	60000	60000	55000	50000	43800	43800	43800	
	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	53.0	65.5	85.9	36.7	33.0	68.9	18.8	14.4	
	Lead	15	MCL	ND	ND	0.720	0.140	0.130	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	
	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	

**Summary of Chemistry Results**

**Zone D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0001 Location Type: School Address: Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24092-N-1	D3-TW-0017506-24092-N-2	D3-TW-0017506-24092-N-3	D3-TW-0017506-24092-N-4	D3-TW-0017506-24092-N-5	D3-TW-0017506-24122-N-1	D3-TW-0017506-24122-N-4	D3-TW-0017506-24122-N-5
				Sample Date:	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-05-01	2024-05-01	2024-05-01
				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
	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	--	--	0.390	0.480	0.420	0.460	0.440	0.680	0.690	0.740	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	0.380	0.310	0.360	0.360	0.470	0.470	0.510	
	Total Trihalomethanes	80	MCL	0.710	0.860	0.730	0.820	0.800	1.15	1.16	1.25	

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				D3-BLDG0001								
				School								
				Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24122-N-2	D3-TW-0017506-24122-N-3	D3-TW-0017506-24153-N-1	D3-TW-0017506-24153-N-2	D3-TW-0017506-24153-N-2-H	D3-TW-0017506-24153-N-4	D3-TW-0017506-24153-N-5	D3-TW-0017506-24153-3-N-4
				Sample Date:	2024-05-01	2024-05-01	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
				Sample Type:	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	Absent	Absent
	E. coli	--	--	--	--	Absent	Absent	--	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	350	260	150	150	60.0	270	650	--	--
Field Test (pH)	pH	--	--	7.36	7.37	7.16	7.28	7.39	7.28	7.30	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.240	0.250	0.240	0.250	0.240	--	--
Field Test (degrees Celcius)	Temperature	--	--	27.5	28.1	24.8	24.5	38.0	28.0	27.8	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	0.180	1.19	0.700	0.780	1.03	0.580	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	45000	46300	53200	51700	--	54300	54000	55000	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
Metals (ppb)	Copper	1300	MCL	76.9	57.1	79.1	60.6	--	27.6	20.7	24.6	24.6
	Lead	15	MCL	0.140	0.320	ND	ND	--	0.130	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
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND

**Summary of Chemistry Results**  
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0001 Location Type: School Address: Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24122-N-2	D3-TW-0017506-24122-N-3	D3-TW-0017506-24153-N-1	D3-TW-0017506-24153-N-2	D3-TW-0017506-24153-N-2-H	D3-TW-0017506-24153-N-4	D3-TW-0017506-24153-N-5	D3-TW-0017506-24153-3-N-4
				Sample Date:	2024-05-01	2024-05-01	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06	2024-06-06
				Sample Type:	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	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	--	--	0.720	0.700	0.360	0.350	--	0.490	0.340	0.460	
	Chloroform	--	--	ND	ND	ND	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.460	0.450	0.320	0.320	--	0.450	0.320	0.440	
	Total Trihalomethanes	80	MCL	1.18	1.15	0.680	0.670	--	0.940	0.660	0.900	

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID: D3-BLDG0001		D3-BLDG0520							
		Location Type: School		School							
		Address: Assets School, 1 Ohana Nui Way, Building 1		Chester Nimitz Elementary, 520 Main St, Building 520							
		Field Sample ID:	D3-TW-0017506-24153-N-3	D3-TW-0017506-24153-N-3-H	D3-TW-0017507-24092-N-1	D3-TW-0017507-24092-N-2	D3-TW-0017507-24092-N-3	D3-TW-0017507-24092-N-4	D3-TW-0017507-24092-N-5	D3-TW-0017507-24122-N-4	
		Sample Date:	2024-06-06	2024-06-06	2024-04-04	2024-04-04	2024-04-04	2024-04-04	2024-04-04	2024-05-01	
		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	--	--	--	--	--	--	--
	E. coli	--	--	Absent	--	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	160	60.0	460	130	400	180	260	130
Field Test (pH)	pH	--	--	7.33	7.52	7.26	7.35	7.33	7.38	7.38	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.250	0.250	0.250	0.250	0.230
Field Test (degrees Celcius)	Temperature	--	--	27.5	52.2	26.0	24.6	24.6	24.0	23.3	25.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.460	0.190	0.110	0.0600	0.0130	0.0170	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53000	--	50000	50000	50000	50000	50000	42500
	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	59.2	--	30.4	47.9	33.3	183	36.6	166
	Lead	15	MCL	0.250	--	ND	ND	ND	ND	0.160	0.140
	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

**Summary of Chemistry Results**

**Zone D3**

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

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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 Schools in Zone D3**

		Location ID: D3-BLDG0001		Location ID: D3-BLDG0520							
		Location Type: School		Location Type: School							
		Address: Assets School, 1 Ohana Nui Way, Building 1		Address: Chester Nimitz Elementary, 520 Main St, Building 520							
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
		D3-TW-0017506-24153-N-3	D3-TW-0017506-24153-N-3-H	D3-TW-0017507-24092-N-1	D3-TW-0017507-24092-N-2	D3-TW-0017507-24092-N-3	D3-TW-0017507-24092-N-4	D3-TW-0017507-24092-N-5	D3-TW-0017507-24122-N-4		
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
		2024-06-06	2024-06-06	2024-04-04	2024-04-04	2024-04-04	2024-04-04	2024-04-04	2024-04-04	2024-05-01	
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
		N (Normal)	N (Normal)	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	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.350	--	0.270	0.460	0.280	0.330	ND	0.420
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	--	ND	0.260	ND	ND	ND	0.290
	Total Trihalomethanes	80	MCL	0.650	--	0.270	0.720	0.280	0.330	ND	0.710

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

		Location ID: D3-BLDG0520									
		Location Type: School									
		Address: Chester Nimitz Elementary, 520 Main St, Building 520									
		Field Sample ID:	D3-TW-0017507-24122-N-1	D3-TW-0017507-24122-N-2	D3-TW-0017507-24122-N-3	D3-TW-0017507-24122-N-5	D3-TW-0017507-24153-N-1	D3-TW-0017507-24153-N-1-H	D3-TW-0017507-24153-N-2	D3-TW-0017507-24153-N-3	
		Sample Date:	2024-05-01	2024-05-01	2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-06-03	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	Absent	--	Absent	Absent
	E. coli	--	--	--	--	--	--	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	35.0	324	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	520	290	570	80.0	30.0	350	120	110
Field Test (pH)	pH	--	--	7.36	7.35	7.33	7.35	7.13	7.55	7.23	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.230	0.250	0.290	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.1	23.8	23.6	25.5	27.5	47.4	24.7	25.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.330	0.300	0.370	0.00	0.0770	22.1	0.140	0.0130
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	47500	45000	50000	42500	53700	--	50500	51800
	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	25.2	34.0	28.8	154	120	--	98.8	61.1
	Lead	15	MCL	ND	ND	ND	0.180	0.280	--	0.430	0.310
	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

**Summary of Chemistry Results**

**Zone D3**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0520 Location Type: School Address: Chester Nimitz Elementary, 520 Main St, Building 520								
				Field Sample ID:	D3-TW-0017507-24122-N-1	D3-TW-0017507-24122-N-2	D3-TW-0017507-24122-N-3	D3-TW-0017507-24122-N-5	D3-TW-0017507-24153-N-1	D3-TW-0017507-24153-N-1-H	D3-TW-0017507-24153-N-2	D3-TW-0017507-24153-N-3
				Sample Date:	2024-05-01	2024-05-01	2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				Sample Type:	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	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	0.950	ND	0.450	0.820	--	0.650	0.430	
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.630	ND	ND	0.620	--	0.590	0.410	
	Total Trihalomethanes	80	MCL	ND	1.58	ND	0.450	1.44	--	1.24	0.840	

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID: D3-BLDG0520		D3-BLDG0830							
		Location Type: School		School							
		Address: Chester Nimitz Elementary, 520 Main St, Building 520		Holy Family Catholic Academy, 830 Main St, Building 830							
		Field Sample ID: D3-TW-0017507-24153-N-4	D3-TW-0017507-24153-N-5	D3-TW-0017509-24092-N-1	D3-TW-0017509-24092-N-2	D3-TW-0017509-24092-N-3	D3-TW-0017509-24092-N-4	D3-TW-0017509-24092-N-5	D3-TW-0017509-24122-N-1		
		Sample Date: 2024-06-03	2024-06-03	2024-04-10	2024-04-10	2024-04-10	2024-04-10	2024-04-10	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								
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	250	190	480	500	20.0	380	470	350
Field Test (pH)	pH	--	--	7.40	7.62	7.35	7.42	7.52	7.37	7.38	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.0110	0.240	0.240	0.240	0.240	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.2	25.4	24.8	25.4	26.0	27.5	24.7	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0150	23.0	0.230	0.310	0.280	0.220	0.130	0.620
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51100	51600	55000	52500	52500	52500	50000	51300
	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	195	211	8.70	8.60	31.7	32.8	25.4	8.40
	Lead	15	MCL	0.140	0.200	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
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID: D3-BLDG0520		Location ID: D3-BLDG0830								
		Location Type: School		Location Type: School								
		Address: Chester Nimitz Elementary, 520 Main St, Building 520		Address: Holy Family Catholic Academy, 830 Main St, Building 830								
		Field Sample ID: D3-TW-0017507-24153-N-4	Field Sample ID: D3-TW-0017507-24153-N-5	Field Sample ID: D3-TW-0017509-24092-N-1	Field Sample ID: D3-TW-0017509-24092-N-2	Field Sample ID: D3-TW-0017509-24092-N-3	Field Sample ID: D3-TW-0017509-24092-N-4	Field Sample ID: D3-TW-0017509-24092-N-5	Field Sample ID: D3-TW-0017509-24122-N-1			
		Sample Date: 2024-06-03	Sample Date: 2024-06-03	Sample Date: 2024-04-10	Sample Date: 2024-04-10	Sample Date: 2024-04-10	Sample Date: 2024-04-10	Sample Date: 2024-04-10	Sample Date: 2024-04-10	Sample Date: 2024-05-02		
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)		
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	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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	--	--	0.680	0.840	0.370	0.350	ND	ND	ND	ND	0.600
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.510	0.390	ND	ND	ND	ND	ND	ND	0.260
	Total Trihalomethanes	80	MCL	1.19	1.23	0.370	0.350	ND	ND	ND	ND	0.860

**Summary of Chemistry Results**  
**Zone D3**  
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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0830 Location Type: School Address: Holy Family Catholic Academy, 830 Main St, Building 830								
				Field Sample ID:	D3-TW-0017509-24122-N-2	D3-TW-0017509-24122-N-3	D3-TW-0017509-24122-N-4	D3-TW-0017509-24122-N-5	D3-TW-0017509-24122-3-N-4	D3-TW-0017509-24153-N-4	D3-TW-0017509-24153-N-4-H	D3-TW-0017509-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-06-10	2024-06-10	2024-06-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	--	Absent	--	Absent
	E. coli	--	--	--	--	--	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	--	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	360	130	500	440	--	--	430	450	240
Field Test (pH)	pH	--	--	7.22	7.40	7.44	7.38	--	--	7.36	7.39	7.45
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.220	0.220	--	--	0.250	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.8	26.8	27.1	25.7	--	--	29.5	30.8	27.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.950	27.2	0.00860	--	--	0.0350	0.00	0.0310
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	52500	51300	48800	50000	50000	54200	--	54000
	Total Organic Carbon	--	--	ND	ND	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	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	7.10	46.2	24.5	16.4	23.9	23.9	45.9	--	37.4
	Lead	15	MCL	ND	1.10	ND	0.130	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
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

				Location ID: D3-BLDG0830 Location Type: School Address: Holy Family Catholic Academy, 830 Main St, Building 830								
				Field Sample ID:	D3-TW-0017509-24122-N-2	D3-TW-0017509-24122-N-3	D3-TW-0017509-24122-N-4	D3-TW-0017509-24122-N-5	D3-TW-0017509-24122-3-N-4	D3-TW-0017509-24153-N-4	D3-TW-0017509-24153-N-4-H	D3-TW-0017509-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-06-10	2024-06-10	2024-06-10
				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)	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	--	--	0.630	0.320	ND	ND	ND	ND	0.570	--	0.490
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	0.270	ND	ND	ND	ND	ND	0.400	--	0.380
	Total Trihalomethanes	80	MCL	0.900	0.320	ND	ND	ND	ND	0.970	--	0.870

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0830 Location Type: School Address: Holy Family Catholic Academy, 830 Main St, Building 830								
				Field Sample ID:	D3-TW-0017509-24153-N-1	D3-TW-0017509-24153-N-1-H	D3-TW-0017509-24153-N-2	D3-TW-0017509-24153-N-2-H	D3-TW-0017509-24153-N-3	D3-TW-0017509-24153-N-5-H	D3-TW-0017509-24153-N-4-R1	D3-TW-0017509-24153-N-5-R1
				Sample Date:	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-27	2024-06-27
				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	--	--	--	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	19.0	ND	ND	4.00	ND	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	380	300	190	500	280	50.0	320	290	
Field Test (pH)	pH	--	--	7.01	7.89	7.21	7.52	7.31	6.78	7.16	7.21	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.240	0.260	0.230	0.250	0.230	0.260	
Field Test (degrees Celcius)	Temperature	--	--	26.7	37.8	30.0	43.2	28.2	42.1	27.1	27.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	0.00	0.500	0.450	0.250	0.200	0.680	0.970	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53300	--	55300	--	52300	--	--	--	
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	--	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	--	--	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	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	10.3	--	9.90	--	40.8	--	--	--	
	Lead	15	MCL	ND	--	ND	--	ND	--	--	--	
	Mercury	2	MCL	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	--	--	--	

**Summary of Chemistry Results**

**Zone D3**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG0830 Location Type: School Address: Holy Family Catholic Academy, 830 Main St, Building 830								
				Field Sample ID:	D3-TW-0017509-24153-N-1	D3-TW-0017509-24153-N-1-H	D3-TW-0017509-24153-N-2	D3-TW-0017509-24153-N-2-H	D3-TW-0017509-24153-N-3	D3-TW-0017509-24153-N-5-H	D3-TW-0017509-24153-N-4-R1	D3-TW-0017509-24153-N-5-R1
				Sample Date:	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-10	2024-06-27	2024-06-27
				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	--	ND	--	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	--	--	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	--	--	--
	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	--	--	0.520	--	0.750	--	0.570	--	--	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	--	--	--
	Dibromochloromethane	--	--	0.360	--	0.430	--	0.420	--	--	--	--
	Total Trihalomethanes	80	MCL	0.880	--	1.18	--	0.990	--	--	--	--

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID:		D3-BLDG0830			D3-BLDG1309H				
		Location Type:		School			School				
		Address:		Holy Family Catholic Academy, 830 Main St, Building 830			MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H				
		Field Sample ID:		D3-TW-0017509-24153-N-1-R1	D3-TW-0017509-24153-N-2-R1	D3-TW-0017509-24153-N-3-R1	D3-TW-0015133-24092-N-1	D3-TW-0015133-24092-N-2	D3-TW-0015133-24092-N-3	D3-TW-0015133-24092-N-4	D3-TW-0015133-24092-N-5
		Sample Date:		2024-06-27	2024-06-27	2024-06-27	2024-04-09	2024-04-09	2024-04-09	2024-04-09	2024-04-09
		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	190	170	120	430	530	480	460	450
Field Test (pH)	pH	--	--	7.28	7.33	7.32	7.44	7.43	7.38	7.43	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.220	0.260	0.240	0.240	0.240	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.4	26.5	27.9	24.1	24.7	26.7	32.6	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.30	1.18	4.67	0.110	0.100	0.300	0.380	0.390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	55000	55000	55000	50000	55000
	Total Organic Carbon	--	--	--	--	--	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
	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	--	--	--	19.0	47.0	36.0	39.0	35.9
	Lead	15	MCL	--	--	--	0.220	0.130	0.250	0.260	0.130
	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
	Benzene	5	MCL	--	--	--	ND	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone D3**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID: D3-BLDG0830			Location ID: D3-BLDG1309H						
		Location Type: School			Location Type: School						
		Address: Holy Family Catholic Academy, 830 Main St, Building 830			Address: MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H						
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
		D3-TW-0017509-24153-N-1-R1	D3-TW-0017509-24153-N-2-R1	D3-TW-0017509-24153-N-3-R1	D3-TW-0015133-24092-N-1	D3-TW-0015133-24092-N-2	D3-TW-0015133-24092-N-3	D3-TW-0015133-24092-N-4	D3-TW-0015133-24092-N-5		
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
		2024-06-27	2024-06-27	2024-06-27	2024-04-09	2024-04-09	2024-04-09	2024-04-09	2024-04-09	2024-04-09	
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
		N (Normal)	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)	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	--	--	--	--	--	0.260	ND	ND	0.360	ND
	Chloroform	--	--	--	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	--	--	ND	ND	ND	0.260	ND
	Total Trihalomethanes	80	MCL	--	--	--	0.260	ND	ND	0.620	ND

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				D3-BLDG1309H								
				School								
				MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H								
				Field Sample ID:	D3-TW-0015133-24122-N-1	D3-TW-0015133-24122-N-2	D3-TW-0015133-24122-N-3	D3-TW-0015133-24122-N-4	D3-TW-0015133-24122-N-5	D3-TW-0015133-24153-N-1	D3-TW-0015133-24153-N-2	D3-TW-0015133-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-05-02	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
	E. coli	--	--	--	--	--	--	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	540	500	500	480	440	590	50.0	330	
Field Test (pH)	pH	--	--	7.37	7.37	7.32	7.38	7.39	7.40	7.33	7.21	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.250	0.220	0.220	--	--	--	
Field Test (degrees Celcius)	Temperature	--	--	23.2	25.0	24.8	26.3	24.0	--	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.300	0.270	0.240	0.00	0.0570	0.00930	0.00	0.210	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51300	52500	50000	50000	51300	51600	54100	51800	
	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	7.40	44.8	44.3	40.8	32.2	164	91.2	71.7	
	Lead	15	MCL	0.170	0.150	0.160	0.160	ND	0.270	ND	0.180	
	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	

**Summary of Chemistry Results**

**Zone D3**

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

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

				Location ID: D3-BLDG1309H Location Type: School Address: MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H								
				Field Sample ID:	D3-TW-0015133-24122-N-1	D3-TW-0015133-24122-N-2	D3-TW-0015133-24122-N-3	D3-TW-0015133-24122-N-4	D3-TW-0015133-24122-N-5	D3-TW-0015133-24153-N-1	D3-TW-0015133-24153-N-2	D3-TW-0015133-24153-N-5
				Sample Date:	2024-05-02	2024-05-02	2024-05-02	2024-05-02	2024-05-02	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									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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	0.370	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	3.60	0.520	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.00	0.370	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	4.97	0.890	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		<b>Location ID:</b>	D3-BLDG1309H			
		<b>Location Type:</b>	School			
		<b>Address:</b>	MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H			
		<b>Field Sample ID:</b>	D3-TW-0015133-24153-N-3	D3-TW-0015133-24153-N-4	D3-TW-0015133-24153-N-4-H	
		<b>Sample Date:</b>	2024-06-04	2024-06-04	2024-06-04	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--
	E. coli	--	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	570	700	490
Field Test (pH)	pH	--	--	7.46	7.43	7.43
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.580	0.560	0.770
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50800	52800	--
	Total Organic Carbon	--	--	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--
Metals (ppb)	Copper	1300	MCL	56.2	19.4	--
	Lead	15	MCL	0.180	0.220	--
	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 D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone D3**

		Location ID: D3-BLDG1309H				
		Location Type: School				
		Address: MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H				
		Field Sample ID:		D3-TW-0015133-24153-N-3	D3-TW-0015133-24153-N-4	D3-TW-0015133-24153-N-4-H
		Sample Date:		2024-06-04	2024-06-04	2024-06-04
		Sample Type:		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	--
	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	--	--	ND	ND	--
	Total Trihalomethanes	80	MCL	ND	ND	--

**Summary of Chemistry Results**

**Zone D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

				D3-BLDG0515 Child Development Center Building 515, Pearl Harbor Church of Christ (515 Main St)							D3-BLDG1330H Child Development Center Building 1330H, YOUTH CENTER, 234 Melick Ave	
				Field Sample ID:	D3-TW-0017510-24092-N-1	D3-TW-0017510-24092-N-2	D3-TW-0017510-24122-N-1	D3-TW-0017510-24122-N-2	D3-TW-0017510-24153-N-1	D3-TW-0017510-24153-N-1-H	D3-TW-0017510-24153-N-2	D3-TW-0015139-24092-N-2
				Sample Date:	2024-04-16	2024-04-16	2024-05-01	2024-05-01	2024-06-27	2024-06-27	2024-06-27	2024-04-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	--	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	ND	2.00	17.0	--	
Field Test (ppb)	Free Chlorine	4000	MCL	530	580	530	530	640	290	460	340	
Field Test (pH)	pH	--	--	--	--	7.38	7.36	7.32	7.38	7.27	7.43	
Field Test (ms/cm)	Specific Conductivity	--	--	--	--	0.230	0.230	0.220	0.260	0.260	0.250	
Field Test (degrees Celcius)	Temperature	--	--	--	--	27.6	26.1	27.1	35.9	26.4	26.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	--	0.210	0.290	0.470	0.300	0.380	0.470	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57500	55000	45000	45000	51300	--	53900	57500	
	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	21.3	7.60	19.2	7.60	19.8	--	5.20	88.5	
	Lead	15	MCL	0.210	0.140	0.170	0.180	ND	--	ND	0.130	
	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	

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**Zone D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

				D3-BLDG0515 Child Development Center Building 515, Pearl Harbor Church of Christ (515 Main St)							D3-BLDG1330H Child Development Center Building 1330H, YOUTH CENTER, 234 Melick Ave	
				Field Sample ID:	D3-TW-0017510-24092-N-1	D3-TW-0017510-24092-N-2	D3-TW-0017510-24122-N-1	D3-TW-0017510-24122-N-2	D3-TW-0017510-24153-N-1	D3-TW-0017510-24153-N-1-H	D3-TW-0017510-24153-N-2	D3-TW-0015139-24092-N-2
				Sample Date:	2024-04-16	2024-04-16	2024-05-01	2024-05-01	2024-06-27	2024-06-27	2024-06-27	2024-04-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.300	0.280	ND	ND	ND	--	ND	ND	ND
	Bromoform	--	--	0.940	0.870	0.700	0.920	0.360	--	ND	ND	1.40
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	0.810	0.760	0.530	0.700	0.310	--	ND	ND	0.820
	Total Trihalomethanes	80	MCL	2.05	1.91	1.23	1.62	0.670	--	ND	ND	2.22

**Summary of Chemistry Results**

**Zone D3**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-BLDG1330H Child Development Center Building 1330H, YOUTH CENTER, 234 Melick Ave						D3-BLDG1335H Child Development Center Building 1335H, School Age Center - CDC (70 Alula Way)	
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
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	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	320	350	550	330	520	290	410	520
Field Test (pH)	pH	--	--	7.64	7.70	7.45	7.54	7.40	7.48	7.36	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.260	0.270	0.260	0.270	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.4	25.4	26.7	26.5	28.0	33.0	25.9	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.240	0.0710	0.190	0.290	0.680	2.27	0.250	0.720
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	51400	52500	54300	54300	--	52500	55000
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	90.9	87.5	100	97.4	90.3	--	74.6	41.4
	Lead	15	MCL	0.760	ND	ND	7.70	ND	--	0.480	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-BLDG1330H Child Development Center Building 1330H, YOUTH CENTER, 234 Melick Ave						D3-BLDG1335H Child Development Center Building 1335H, School Age Center - CDC (70 Alula Way)															
				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:													
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	D3-TW-0015139-24092-N-1	2024-04-09	N (Normal)	D3-TW-0015139-24122-N-1	2024-05-09	N (Normal)	D3-TW-0015139-24122-N-2	2024-05-09	N (Normal)	D3-TW-0015139-24153-N-1	2024-06-06	N (Normal)	D3-TW-0015139-24153-N-2	2024-06-06	N (Normal)	D3-TW-0015141-24092-N-1	2024-04-16	N (Normal)	D3-TW-0015141-24092-N-2	2024-04-16	N (Normal)	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.330	ND	ND	ND	ND
	Bromoform	--	--	1.40	0.420	ND	0.520	0.530	--	1.50	1.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.50	1.10	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.760	0.270	ND	0.380	0.380	--	1.10	0.890	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.10	0.890	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.16	0.690	ND	0.900	0.910	--	2.93	1.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.93	1.99	ND	ND	ND

**Summary of Chemistry Results**

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**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

		Location ID:		D3-BLDG1335H						D3-BLDG1586H	
		Location Type:		Child Development Center						Child Development Center	
		Address:		Building 1335H, School Age Center - CDC (70 Alula Way)						Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)	
		Field Sample ID:		D3-TW-0015141-24122-N-1	D3-TW-0015141-24122-N-2	D3-TW-0015141-24153-N-1	D3-TW-0015141-24153-N-1-H	D3-TW-0015141-24153-N-2	D3-TW-0015141-24153-N-2-H	D3-TW-0015143-24092-N-1	D3-TW-0015143-24092-N-2
		Sample Date:		2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-06-03	2024-04-12	2024-04-12
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	--	--	--
	E. coli	--	--	--	--	Absent	--	Absent	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	51.0	ND	ND	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	60.0	290	70.0	440	580	530	640	830
Field Test (pH)	pH	--	--	7.41	7.42	7.44	7.29	7.46	7.48	7.36	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.230	0.230	0.230	0.240	0.220	0.220
Field Test (degrees Celcius)	Temperature	--	--	26.0	26.1	29.9	36.0	27.5	38.2	23.1	23.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.730	0.250	0.00	0.470	0.00	0.00	0.150	0.400
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	45000	45000	52800	--	53200	--	50000	55000
	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	113	27.7	72.1	--	38.1	--	7.40	53.1
	Lead	15	MCL	0.420	ND	0.350	--	0.180	--	ND	0.480
	Mercury	2	MCL	ND	ND	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	--	ND	ND

**Summary of Chemistry Results**

**Zone D3**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

				D3-BLDG1335H Child Development Center Building 1335H, School Age Center - CDC (70 Alula Way)						D3-BLDG1586H Child Development Center Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	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
	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	0.540	--	0.560	--	ND	ND
	Bromoform	--	--	1.10	ND	2.20	--	2.50	--	ND	ND
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.630	ND	1.70	--	1.70	--	ND	ND
	Total Trihalomethanes	80	MCL	1.73	ND	4.44	--	4.76	--	ND	ND

**Summary of Chemistry Results**

**Zone D3**

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

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

		Location ID:		D3-BLDG1586H					D3-BLDG1654H		
		Location Type:		Child Development Center					Child Development Center		
		Address:		Building 1586H,CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)					Building 1654H,CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)		
		Field Sample ID:		D3-TW-0015143-24122-N-1	D3-TW-0015143-24122-N-2	D3-TW-0015143-24153-N-1	D3-TW-0015143-24153-N-1-H	D3-TW-0015143-24153-N-2	D3-TW-0015153-24092-N-1	D3-TW-0015153-24092-N-2	D3-TW-0015153-24122-N-1
		Sample Date:		2024-05-01	2024-05-01	2024-06-03	2024-06-03	2024-06-03	2024-04-04	2024-04-04	2024-05-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	--	--	--
	E. coli	--	--	--	--	Absent	--	Absent	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND	ND	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	470	450	520	310	560	530	560	500
Field Test (pH)	pH	--	--	7.30	7.25	7.44	7.57	7.38	7.43	7.42	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	--	--	--	0.250	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	23.4	26.8	--	--	--	23.3	23.8	24.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.650	0.640	3.12	0.520	0.660	0.0220	0.00	0.0110
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	42500	45000	53700	--	52800	50000	50000	45000
	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	6.40	59.3	19.4	--	70.7	42.5	67.4	30.4
	Lead	15	MCL	ND	0.360	ND	--	0.370	0.230	0.230	ND
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone D3**

**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
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

				D3-BLDG1586H Child Development Center Building 1586H,CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)					D3-BLDG1654H Child Development Center Building 1654H,CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)																	
		Field Sample ID:	Sample Date:	Sample Type:																						
		D3-TW-0015143-24122-N-1	2024-05-01	N (Normal)	D3-TW-0015143-24122-N-2	2024-05-01	N (Normal)	D3-TW-0015143-24153-N-1	2024-06-03	N (Normal)	D3-TW-0015143-24153-N-1-H	2024-06-03	N (Normal)	D3-TW-0015143-24153-N-2	2024-06-03	N (Normal)	D3-TW-0015153-24092-N-1	2024-04-04	N (Normal)	D3-TW-0015153-24092-N-2	2024-04-04	N (Normal)	D3-TW-0015153-24122-N-1	2024-05-01	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level																							
Synthetic Organic Compounds (ppb)	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	1.20	--	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.580	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.78	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone D3**

**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
MPN/mL = Most probable number per milliliter

**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

		Location ID: D3-BLDG1654H Location Type: Child Development Center Address: Building 1654H,CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)					Location ID: D3-BLDG1859H Location Type: Child Development Center Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)																																									
		Field Sample ID:	Sample Date:	Sample Type:	DOH Project Screening Level	Basis of Project Screening Level	Field Sample ID:	Sample Date:	Sample Type:	DOH Project Screening Level	Basis of Project Screening Level																																					
Method Group	Analyte	D3-TW-0015153-24122-N-2	2024-05-01	N (Normal)	--	--	D3-TW-0015153-24153-N-1	2024-06-04	N (Normal)	--	--	D3-TW-0015153-24153-N-1-H	2024-06-04	N (Normal)	--	--	D3-TW-0015153-24153-N-2	2024-06-04	N (Normal)	--	--	D3-TW-0015153-24153-N-2-H	2024-06-04	N (Normal)	--	--	D3-TW-0015186-24092-N-1	2024-04-15	N (Normal)	--	--	D3-TW-0015186-24092-N-2	2024-04-15	N (Normal)	--	--	D3-TW-0015186-24122-N-1	2024-05-02	N (Normal)	--	--							
Bacterial Test (in 100 mL)	Coliform	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--						
	E. coli	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	--	Absent	--	Absent	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--						
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	2.00	ND	--	ND	--	ND	--	--	ND	--	ND	--	--	ND	--	ND	--	--	ND	--	ND	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--						
Field Test (ppb)	Free Chlorine	4000	470	480	MCL	570	530	40.0	330	410	270																																					
Field Test (pH)	pH	--	7.44	7.61	--	7.49	7.36	9.17	7.45	7.38	7.38																																					
Field Test (ms/cm)	Specific Conductivity	--	0.240	--	--	--	--	--	0.250	0.250	0.230																																					
Field Test (degrees Celcius)	Temperature	--	22.5	--	--	--	--	--	22.9	26.4	26.3																																					
Field Test (nephelometric turbidity unit)	Turbidity	5	0.00	0.240	MCL	0.330	0.460	0.350	0.470	0.310	0.350																																					
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	43800	52000	--	--	51900	--	51000	50500	50000																																					
	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	66.3	169	MCL	--	77.7	--	184	166	166																																					
	Lead	15	0.340	0.150	MCL	--	0.310	--	0.290	0.290	0.150																																					
	Mercury	2	ND	ND	MCL	--	ND	--	ND	ND	ND																																					
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	ND	ND	--	--	ND	--	ND	ND	ND																																					

**Summary of Chemistry Results**

**Zone D3**

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

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ND = Not Detected
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**Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone D3**

		Location ID: D3-BLDG1654H Location Type: Child Development Center Address: Building 1654H,CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)					Location ID: D3-BLDG1859H Location Type: Child Development Center Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)				
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	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
	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	0.320	ND
	Chloroform	--	--	ND	ND	--	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--	ND	0.320	ND

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

		Location ID:	D3-BLDG1859H					
		Location Type:	Child Development Center					
		Address:	Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)					
		Field Sample ID:	D3-TW-0015186-24122-N-2	D3-TW-0015186-24153-N-1	D3-TW-0015186-24153-N-1-H	D3-TW-0015186-24153-N-2	D3-TW-0015186-24153-N-2-H	
		Sample Date:	2024-05-02	2024-06-04	2024-06-04	2024-06-04	2024-06-04	
		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	--
	E. coli	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	520	280	200	440	80.0
Field Test (pH)	pH	--	--	7.46	7.39	7.50	7.42	7.47
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.270	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.9	28.2	40.2	27.9	38.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0970	0.0140	1.70	0.320	0.620
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	53100	--	51800	--
	Total Organic Carbon	--	--	ND	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	122	44.4	--	57.5	--
	Lead	15	MCL	0.140	ND	--	0.140	--
	Mercury	2	MCL	ND	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D3**

**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 D3**

		Location ID: D3-BLDG1859H						
		Location Type: Child Development Center						
		Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)						
		Field Sample ID:		D3-TW-0015186-24122-N-2	D3-TW-0015186-24153-N-1	D3-TW-0015186-24153-N-1-H	D3-TW-0015186-24153-N-2	D3-TW-0015186-24153-N-2-H
		Sample Date:		2024-05-02	2024-06-04	2024-06-04	2024-06-04	2024-06-04
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Synthetic Organic Compounds (ppb)	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	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--
	Benzene	5	MCL	ND	ND	--	ND	--
	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	ND	--	ND	--
	Chloroform	--	--	ND	ND	--	ND	--
	Dibromochloromethane	--	--	ND	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD0188				Location ID: D3-HYD0213			Location ID: D3-HYD0219		
		Location Type: Hydrant				Location Type: Hydrant			Location Type: Hydrant		
		Address: FH 188				Address: FH 213			Address: FH 219		
		Field Sample ID: D3-DL-0017729-24092	Field Sample ID: D3-DL-0017729-24122	Field Sample ID: D3-DL-0017729-24122	Field Sample ID: D3-DL-0017729-24153	Field Sample ID: D3-DL-0017735-24092	Field Sample ID: D3-DL-0017735-24122	Field Sample ID: D3-DL-0017735-24153	Field Sample ID: D3-DL-0017733-24092		
		-N	-N	-3-N	-N	-N	-N	-N	-3-N		
		Sample Date: 2024-04-12	Sample Date: 2024-05-02	Sample Date: 2024-05-02	Sample Date: 2024-06-26	Sample Date: 2024-04-15	Sample Date: 2024-05-02	Sample Date: 2024-06-26	Sample Date: 2024-04-15		
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)					
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	--	--	4.00	--	
Field Test (ppb)	Free Chlorine	4000	MCL	450	430	--	360	500	450	470	--
Field Test (pH)	pH	--	--	7.28	7.14	--	7.31	7.21	7.21	7.18	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	--	0.260	0.240	0.240	0.240	--
Field Test (degrees Celcius)	Temperature	--	--	25.1	23.9	--	24.9	24.1	23.6	24.1	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.410	0.280	--	0.900	0.0600	0.380	0.110	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	50000	50000	52400	51500	50000	51500	50500
	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	0.0140	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 D3**

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

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		D3-HYD0188				D3-HYD0213			D3-HYD0219
		Hydrant				Hydrant			Hydrant
		FH 188				FH 213			FH 219
		D3-DL-0017729-24092	D3-DL-0017729-24122	D3-DL-0017729-24122	D3-DL-0017729-24153	D3-DL-0017735-24092	D3-DL-0017735-24122	D3-DL-0017735-24153	D3-DL-0017733-24092
		-N	-N	-3-N	-N	-N	-N	-N	-3-N
		2024-04-12	2024-05-02	2024-05-02	2024-06-26	2024-04-15	2024-05-02	2024-06-26	2024-04-15
		N (Normal)	N (Normal)	FD (Field Duplicate)	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)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD0219			D3-HYD0222			D3-HYD0411		
		Location Type: Hydrant			Hydrant			Hydrant		
		Address: FH 219			FH 222			FH 411		
		Field Sample ID: D3-DL-0017733-24092	D3-DL-0017733-24122	D3-DL-0017733-24153	D3-DL-0017730-24092	D3-DL-0017730-24122	D3-DL-0017730-24153	D3-DL-0017731-24092	D3-DL-0017731-24092	D3-DL-0017731-24092
		-N	-N	-N	-N	-N	-N	-N	-N	-3-N
		Sample Date: 2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-04-15	2024-04-15
		Sample Type: N (Normal)	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	--	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	1100	440	490	610	590	440	600
Field Test (pH)	pH	--	--	7.23	7.37	7.23	7.22	7.39	7.26	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.240	0.260	0.250	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.1	24.2	25.4	27.1	28.0	29.5	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.150	0.320	0.550	0.360	0.880	0.480
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	53700	51600	50000	54100	51400	52500
	Total Organic Carbon	--	--	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND						
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND						
	Petroleum Hydrocarbons (as Oil)	--	--	ND						
	Petroleum Hydrocarbons, Total	--	--	ND						
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND						
	2-Methylnaphthalene	--	--	ND						
	Benzo(a)pyrene	0.2	MCL	ND						
	Naphthalene	--	--	ND						
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND						
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND						
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--
	Benzene	5	MCL	ND						

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD0219			D3-HYD0222			D3-HYD0411		
		Location Type: Hydrant			Hydrant			Hydrant		
		Address: FH 219			FH 222			FH 411		
		Field Sample ID: D3-DL-0017733-24092	D3-DL-0017733-24122	D3-DL-0017733-24153	D3-DL-0017730-24092	D3-DL-0017730-24122	D3-DL-0017730-24153	D3-DL-0017731-24092	D3-DL-0017731-24092	D3-DL-0017731-24092
		-N	-N	-N	-N	-N	-N	-N	-3-N	-3-N
		Sample Date: 2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-04-15	2024-04-15
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD0411		D3-HYD0520			D3-HYD0592				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: FH 411		FH 520			FH 592				
		Field Sample ID: D3-DL-0017731-24122	D3-DL-0017731-24153	D3-DL-0017734-24092	D3-DL-0017734-24122	D3-DL-0017734-24153	D3-DL-0017732-24092	D3-DL-0017732-24122	D3-DL-0017732-24153		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26		
		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
Field Test (ppb)	Free Chlorine	4000	MCL	760	450	510	740	240	560	760	470
Field Test (pH)	pH	--	--	7.34	7.23	7.23	7.30	7.14	7.31	7.32	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.260	0.220	0.240	0.250	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.0	25.9	26.5	26.0	25.7	26.9	26.3	26.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.910	0.400	0.760	1.80	0.730	0.660	1.05	0.660
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54000	53100	50500	53200	52100	49500	55000	52400
	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
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**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 April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD0411		D3-HYD0520			D3-HYD0592		
		Location Type: Hydrant		Hydrant			Hydrant		
		Address: FH 411		FH 520			FH 592		
		Field Sample ID: D3-DL-0017731-24122	D3-DL-0017731-24153	D3-DL-0017734-24092	D3-DL-0017734-24122	D3-DL-0017734-24153	D3-DL-0017732-24092	D3-DL-0017732-24122	D3-DL-0017732-24153
		-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26	2024-04-15	2024-05-29	2024-06-26
		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)	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	0.300	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.270	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.570	ND

**Summary of Chemistry Results**

**Zone D3**

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

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		Location ID: D3-HYD2080				
		Location Type: Hydrant				
		Address: FH ID: 473				
		Field Sample ID: D3-DL-0000547-24092	D3-DL-0000547-24122	D3-DL-0000547-24153		
		-N	-N	-N		
		Sample Date: 2024-04-23	2024-05-07	2024-06-26		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent
	E. coli	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	330	590	470
Field Test (pH)	pH	--	--	7.39	7.24	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	27.6	25.9	27.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.450	0.500	0.450
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	47500	51100	51200
	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 D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone D3**

		<b>Location ID:</b>		D3-HYD2080		
		<b>Location Type:</b>		Hydrant		
		<b>Address:</b>		FH ID: 473		
		<b>Field Sample ID:</b>		D3-DL-0000547-24092	D3-DL-0000547-24122	D3-DL-0000547-24153
				-N	-N	-N
		<b>Sample Date:</b>		2024-04-23	2024-05-07	2024-06-26
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND
	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	ND	ND
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D3**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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

**Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone D3**

		Location ID: D3-BLDG1864H					
		Location Type: Medical Building					
		Address: BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave					
		Field Sample ID:	D3-TW-0014166-24092-N	D3-TW-0014166-24122-N	D3-TW-0014166-24153-N	D3-TW-0014166-24153-N-H	
		Sample Date:	2024-04-15	2024-05-03	2024-06-06	2024-06-06	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--
	E. coli	--	--	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	550	850	690	310
Field Test (pH)	pH	--	--	7.34	7.33	7.45	7.86
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.350	0.380
Field Test (degrees Celcius)	Temperature	--	--	24.8	26.7	25.8	38.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.170	0.190	0.320	0.320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51500	48800	52300	--
	Total Organic Carbon	--	--	ND	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--
Metals (ppb)	Copper	1300	MCL	130	76.8	124	--
	Lead	15	MCL	0.370	0.150	0.230	--
	Mercury	2	MCL	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	0.0180	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	--

**Summary of Chemistry Results**  
**Zone D3**  
**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 D3**

				<b>Location ID:</b> D3-BLDG1864H <b>Location Type:</b> Medical Building <b>Address:</b> BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave			
				<b>Field Sample ID:</b> D3-TW-0014166-24092-N    D3-TW-0014166-24122-N    D3-TW-0014166-24153-N    D3-TW-0014166-24153-N-H			
				<b>Sample Date:</b> 2024-04-15    2024-05-03    2024-06-06    2024-06-06			
				<b>Sample Type:</b> N (Normal)    N (Normal)    N (Normal)    N (Normal)			
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>				
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--
	Benzene	5	MCL	ND	ND	ND	--
	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	--	--	1.50	0.600	1.40	--
	Chloroform	--	--	ND	ND	ND	--
	Dibromochloromethane	--	--	0.820	0.330	0.720	--
	Total Trihalomethanes	80	MCL	2.32	0.930	2.12	--