

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-CHRI0305		D1-CHRI0319		D1-FISL1800		D1-GOMB1409																
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:
				D1-TW-0000771-24092-N	D1-TW-0000771-24092-N-H	D1-TW-0000785-24092-N	D1-TW-0000785-24092-N-H	D1-TW-0000986-24092-N	D1-TW-0000986-24092-N-H	D1-TW-0000905-24092-N	D1-TW-0000905-24092-N-H															
				2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-08-19	2024-08-19	2024-07-30	2024-07-30															
				N (Normal)	N (Normal)																					
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--															
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--															
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	28.0	16.0	300	ND	ND															
Field Test (ppb)	Free Chlorine	4000	MCL	590	140	700	620	280	260	600	600															
Field Test (pH)	pH	--	--	7.37	7.37	7.08	7.29	6.98	7.20	7.24	7.35															
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.260	0.240	0.250	0.260	0.270	0.240	0.260															
Field Test (degrees Celcius)	Temperature	--	--	26.3	38.5	24.2	25.5	26.3	37.2	26.1	44.2															
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.280	0.140	0.0700	0.00	0.680	0.0750	0.00440	0.630															
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56300	--	54500	--	58100	--	56700	--															
	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	31.5	--	25.5	--	39.5	--	15.8	--															
	Lead	15	MCL	ND	--	ND	--	ND	--	0.150	--															
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--															
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--															
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--															
	Acenaphthylene	--	--	--	--	--	--	ND	--	--	--															
	Anthracene	--	--	--	--	--	--	ND	--	--	--															
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--															
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	--	--															

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID: D1-CHRI0305		D1-CHRI0319		D1-FISL1800		D1-GOMB1409			
		Residence		Residence		Residence		Residence			
		Address: 305 Christopher Court		319 Christopher Court		1800 Fisler Court		1409 Gombasy Court			
		Field Sample ID: D1-TW-0000771-24092-N	D1-TW-0000771-24092-N-H	D1-TW-0000785-24092-N	D1-TW-0000785-24092-N-H	D1-TW-0000986-24092-N	D1-TW-0000986-24092-N-H	D1-TW-0000905-24092-N	D1-TW-0000905-24092-N-H		
		Sample Date: 2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-08-19	2024-08-19	2024-07-30	2024-07-30		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	--	ND	--	--	--
	Benzo(k)fluoranthene	--	--	--	--	--	--	ND	--	--	--
	Chrysene	--	--	--	--	--	--	ND	--	--	--
	Dibenz(a,h)anthracene	--	--	--	--	--	--	ND	--	--	--
	Fluorene	--	--	--	--	--	--	ND	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	ND	--	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	--	--	ND	--	--	--
	Pyrene	--	--	--	--	--	--	ND	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	n-Propylbenzene	--	--	--	--	--	--	ND	--	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-CHRI0305		D1-CHRI0319		D1-FISL1800		D1-GOMB1409	
				Location ID:	Location Type:						
				Residence		Residence		Residence		Residence	
				305 Christopher Court		319 Christopher Court		1800 Fisler Court		1409 Gombasy Court	
				D1-TW-0000771-24092-N	D1-TW-0000771-24092-N-H	D1-TW-0000785-24092-N	D1-TW-0000785-24092-N-H	D1-TW-0000986-24092-N	D1-TW-0000986-24092-N-H	D1-TW-0000905-24092-N	D1-TW-0000905-24092-N-H
				2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-08-19	2024-08-19	2024-07-30	2024-07-30
				N (Normal)	N (Normal)						
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID:		D1-GRAH0503		D1-GRAH0516		D1-GRAH0518		D1-HUTT0904	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		503 Graham Court		516 Graham Court		518 Graham Court		904 Huttenberg Court	
		Field Sample ID:		D1-TW-0001023-24092-N	D1-TW-0001023-24092-N-H	D1-TW-0001036-24092-N	D1-TW-0001036-24092-N-H	D1-TW-0001037-24092-N	D1-TW-0001037-24092-N-H	D1-TW-0000796-24092-N	D1-TW-0000796-24092-N-H
		Sample Date:		2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-08-19	2024-08-19	2024-07-11	2024-07-11
		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	2.00	2.00	ND	1.00	300	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	480	250	100	550	400	120	470	450
Field Test (pH)	pH	--	--	7.42	7.75	7.34	7.40	7.29	7.81	6.66	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.250	0.270	0.260	0.280	0.230	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.9	39.1	27.0	40.0	25.2	37.6	24.4	37.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.240	0.820	0.340	0.390	0.700	1.99	0.740	0.120
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55300	--	55600	--	56300	--	55200	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	35.8	--	40.8	--	27.1	--	39.0	--
	Lead	15	MCL	0.210	--	0.150	--	ND	--	0.280	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	--	--	ND	--	--	--
	Anthracene	--	--	--	--	--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	0.0160	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	--	--

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID: D1-GRAH0503		D1-GRAH0516		D1-GRAH0518		D1-HUTT0904			
		Residence		Residence		Residence		Residence			
		Address: 503 Graham Court		516 Graham Court		518 Graham Court		904 Huttenberg Court			
		Field Sample ID: D1-TW-0001023-24092-N	D1-TW-0001023-24092-N-H	D1-TW-0001036-24092-N	D1-TW-0001036-24092-N-H	D1-TW-0001037-24092-N	D1-TW-0001037-24092-N-H	D1-TW-0000796-24092-N	D1-TW-0000796-24092-N-H		
		Sample Date: 2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-08-19	2024-08-19	2024-07-11	2024-07-11		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	--	ND	--	--	--
	Benzo(k)fluoranthene	--	--	--	--	--	--	ND	--	--	--
	Chrysene	--	--	--	--	--	--	ND	--	--	--
	Dibenz(a,h)anthracene	--	--	--	--	--	--	ND	--	--	--
	Fluorene	--	--	--	--	--	--	ND	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	ND	--	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	--	--	ND	--	--	--
	Pyrene	--	--	--	--	--	--	ND	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	n-Propylbenzene	--	--	--	--	--	--	ND	--	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID: D1-GRAH0503		D1-GRAH0516		D1-GRAH0518		D1-HUTT0904	
		Residence		Residence		Residence		Residence	
		Address: 503 Graham Court		516 Graham Court		518 Graham Court		904 Huttenberg Court	
		Field Sample ID: D1-TW-0001023-24092-N	D1-TW-0001023-24092-N-H	D1-TW-0001036-24092-N	D1-TW-0001036-24092-N-H	D1-TW-0001037-24092-N	D1-TW-0001037-24092-N-H	D1-TW-0000796-24092-N	D1-TW-0000796-24092-N-H
		Sample Date: 2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-08-19	2024-08-19	2024-07-11	2024-07-11
		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						
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID:		D1-HUTT0905		D1-HUTT0916		D1-KAUF1505		D1-KAUF1515	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		905 Huttenberg Court		916 Huttenberg Court		1505 Kaufman Court		1515 Kaufman Court	
		Field Sample ID:		D1-TW-0000797-24092-N	D1-TW-0000797-24092-N-H	D1-TW-0000808-24092-N	D1-TW-0000808-24092-N-H	D1-TW-0000939-24092-N	D1-TW-0000939-24092-N-H	D1-TW-0000949-24092-N	D1-TW-0000949-24092-N-H
		Sample Date:		2024-08-19	2024-08-19	2024-07-11	2024-07-11	2024-07-10	2024-07-10	2024-07-11	2024-07-11
		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	--	--	4.00	13.0	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	500	60.0	630	80.0	900	350	340	240
Field Test (pH)	pH	--	--	7.31	7.35	7.53	7.48	7.28	7.33	7.28	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.310	0.330	0.250	0.260	0.250	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.4	41.6	25.8	32.8	26.5	39.1	21.1	35.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.330	0.290	0.230	0.190	0.200	0.680
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55600	--	54900	--	54000	--	55300	--
	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	44.6	--	28.1	--	31.2	--	54.5	--
	Lead	15	MCL	ND	--	ND	--	0.260	--	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	--
	Acenaphthylene	--	--	ND	--	--	--	--	--	--	--
	Anthracene	--	--	ND	--	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	--	--	--	--	--	--

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-HUTT0905		D1-HUTT0916		D1-KAUF1505		D1-KAUF1515																		
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Benzo(k)fluoranthene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Chrysene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	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
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Ethylbenzene	700	MCL	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
	n-Butylbenzene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	1000	MCL	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	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-HUTT0905		D1-HUTT0916		D1-KAUF1505		D1-KAUF1515																	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				D1-TW-0000797-24092-N	D1-TW-0000797-24092-N-H	D1-TW-0000808-24092-N	D1-TW-0000808-24092-N-H	D1-TW-0000939-24092-N	D1-TW-0000939-24092-N-H	D1-TW-0000949-24092-N	D1-TW-0000949-24092-N-H																
				2024-08-19	2024-08-19	2024-07-11	2024-07-11	2024-07-10	2024-07-10	2024-07-11	2024-07-11																
				N (Normal)	N (Normal)																						
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--																
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--																
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--																
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--																



**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

		Location ID: D1-KAUF1517		D1-MACK3312A		D1-MCMU1318		D1-MCMU1323	
		Residence		Residence		Residence		Residence	
		Address: 1517 Kaufman Court		3312A Mack Place		1318 McMurtry Court		1323 McMurtry Court	
		Field Sample ID: D1-TW-0000951-24092-N	D1-TW-0000951-24092-N-H	D1-TW-0001128-24092-N	D1-TW-0001128-24092-N-H	D1-TW-0000926-24092-N	D1-TW-0000926-24092-N-H	D1-TW-0000931-24092-N	D1-TW-0000931-24092-N-H
		Sample Date: 2024-07-30	2024-07-30	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
		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	--
	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 D1**  
**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 July 2024 - September 2024 from Residences in Zone D1**

		D1-MEAD1204				D1-SMIT3342C		D1-TAUS1601			
		Residence				Residence		Residence			
		1204 Mead Place				3342C Smith Circle		1601 Taussig Court			
		D1-TW-0000894-24092-N	D1-TW-0000894-24092-N-H	D1-TW-0000894-24092-3-N	D1-TW-0000894-24092-3-N-H	D1-TW-0000756-24092-N	D1-TW-0000756-24092-N-H	D1-TW-0000957-24092-N	D1-TW-0000957-24092-N-H		
		2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-10	2024-07-10	2024-07-30	2024-07-30		
		N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	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	660	540	--	--	520	380	640	460
Field Test (pH)	pH	--	--	7.04	7.11	--	--	7.27	7.31	7.18	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	--	--	0.250	0.270	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	22.0	39.3	--	--	26.1	39.5	26.3	44.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00840	--	--	0.490	0.690	0.0170	0.370
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57100	--	56500	--	55100	--	57400	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	32.8	--	32.9	--	22.2	--	19.9	--
	Lead	15	MCL	ND	--	0.150	--	0.150	--	ND	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

		D1-MEAD1204				D1-SMIT3342C		D1-TAUS1601	
		Residence				Residence		Residence	
		1204 Mead Place				3342C Smith Circle		1601 Taussig Court	
		D1-TW-0000894-24092-N	D1-TW-0000894-24092-N-H	D1-TW-0000894-24092-3-N	D1-TW-0000894-24092-3-N-H	D1-TW-0000756-24092-N	D1-TW-0000756-24092-N-H	D1-TW-0000957-24092-N	D1-TW-0000957-24092-N-H
		2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-10	2024-07-10	2024-07-30	2024-07-30
		N (Normal)	N (Normal)	FD (Field Duplicate)	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	--
	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 D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-TEAG3314D		D1-WTEA0809	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: D1-TEAG3314D Location Type: Residence Address: 3314D Teague Place		Location ID: D1-WTEA0809 Location Type: Residence Address: 809 West Teaff Court	
				D1-TW-0001141-24092-N	2024-07-30	D1-TW-0001141-24092-N-H	2024-07-30
				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	ND
Field Test (ppb)	Free Chlorine	4000	MCL	650	550	580	440
Field Test (pH)	pH	--	--	7.20	7.58	7.27	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.270	0.270
Field Test (degrees Celcius)	Temperature	--	--	24.5	45.4	29.2	40.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.480	0.380
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600	--	55200	--
	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	20.9	--	24.9	--
	Lead	15	MCL	0.200	--	ND	--
	Mercury	2	MCL	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Residences in Zone D1**

				Location ID: D1-TEAG3314D		Location ID: D1-WTEA0809	
				Residence		Residence	
				3314D Teague Place		809 West Teaff Court	
				Field Sample ID: D1-TW-0001141-24092-N	Field Sample ID: D1-TW-0001141-24092-N-H	Field Sample ID: D1-TW-0000851-24092-N	Field Sample ID: D1-TW-0000851-24092-N-H
				Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-07-11	Sample Date: 2024-07-11
				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)	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 D1  
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 July 2024 - September 2024 from Schools in Zone D1**

				D1-BLDGD1-22 School PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24183-N-1	D1-TW-0015098-24183-N-2	D1-TW-0015098-24183-N-2-H	D1-TW-0015098-24183-N-3	D1-TW-0015098-24183-N-3-H	D1-TW-0015098-24183-N-4	D1-TW-0015098-24183-N-5	D1-TW-0015098-24183-3-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	--	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	--	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	600	320	100	490	130	280	140	--	--
Field Test (pH)	pH	--	--	7.13	7.17	7.57	7.09	7.27	7.16	7.20	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.250	0.280	0.250	0.240	--	--
Field Test (degrees Celcius)	Temperature	--	--	31.4	25.3	37.6	26.3	53.0	28.5	25.6	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.110	0.0350	0.140	0.370	1.04	0.450	0.0290	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52000	51600	--	50300	--	50400	53200	50400	50400
	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	59.9	64.0	--	35.3	--	81.7	29.7	59.2	59.2
	Lead	15	MCL	ND	0.260	--	0.130	--	0.140	0.150	ND	ND
	Mercury	2	MCL	ND	ND	--	ND	--	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Schools in Zone D1**

				Location ID: D1-BLDGD1-22 Location Type: School Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24183-N-1	D1-TW-0015098-24183-N-2	D1-TW-0015098-24183-N-2-H	D1-TW-0015098-24183-N-3	D1-TW-0015098-24183-N-3-H	D1-TW-0015098-24183-N-4	D1-TW-0015098-24183-N-5	D1-TW-0015098-24183-3-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	ND	ND	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	--	--	ND	ND	--	ND	--	0.450	ND	ND	ND
	Chloroform	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	--	0.380	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	--	0.830	ND	ND	ND

**Summary of Chemistry Results  
Zone D1  
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 July 2024 - September 2024 from Schools in Zone D1**

				D1-BLDGD1-22 School PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24214-N-1	D1-TW-0015098-24214-N-2	D1-TW-0015098-24214-N-2-H	D1-TW-0015098-24214-N-3	D1-TW-0015098-24214-N-3-H	D1-TW-0015098-24214-N-4	D1-TW-0015098-24214-N-5	D1-TW-0015098-24245-N-1
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03
				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	--	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	--	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	3.00	7.00	66.0	
Field Test (ppb)	Free Chlorine	4000	MCL	510	380	50.0	570	180	860	390	230	
Field Test (pH)	pH	--	--	7.26	7.17	7.67	7.33	7.45	7.23	7.21	7.18	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.260	0.240	0.270	0.240	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	31.7	24.6	41.5	25.6	54.4	25.8	27.6	28.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	0.0790	0.000920	0.00110	0.00	0.250	0.300	0.200	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59500	58300	--	58700	--	58200	59700	55100	
	Total Organic Carbon	--	--	ND	ND	--	ND	--	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	--	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	86.9	41.9	--	21.4	--	23.7	43.1	95.0	
	Lead	15	MCL	ND	0.250	--	0.130	--	ND	0.190	ND	
	Mercury	2	MCL	ND	ND	--	ND	--	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND	
	Anthracene	--	--	--	--	--	--	--	--	--	ND	

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Schools in Zone D1**

				D1-BLDGD1-22								
				School								
				PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24214-N-1	D1-TW-0015098-24214-N-2	D1-TW-0015098-24214-N-2-H	D1-TW-0015098-24214-N-3	D1-TW-0015098-24214-N-3-H	D1-TW-0015098-24214-N-4	D1-TW-0015098-24214-N-5	D1-TW-0015098-24245-N-1
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03
				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									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	--	0.0150	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	--	ND
	Chrysene	--	--	--	--	--	--	--	--	--	--	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	--	ND
	Fluorene	--	--	--	--	--	--	--	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	--	--	ND
	Naphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	--	ND	ND	ND	ND
	Cumene	--	--	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	ND	ND	--	ND	--	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Schools in Zone D1**

				Location ID: D1-BLDGD1-22 Location Type: School Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22								
				Field Sample ID:	D1-TW-0015098-24214-N-1	D1-TW-0015098-24214-N-2	D1-TW-0015098-24214-N-2-H	D1-TW-0015098-24214-N-3	D1-TW-0015098-24214-N-3-H	D1-TW-0015098-24214-N-4	D1-TW-0015098-24214-N-5	D1-TW-0015098-24245-N-1
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03
				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									
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	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	0.300
	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	0.300

**Summary of Chemistry Results  
Zone D1  
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 July 2024 - September 2024 from Schools in Zone D1**

				Location ID: D1-BLDGD1-22						
				Location Type: School						
				Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22						
				Field Sample ID:	D1-TW-0015098-24245-N-2	D1-TW-0015098-24245-N-2-H	D1-TW-0015098-24245-N-3	D1-TW-0015098-24245-N-3-H	D1-TW-0015098-24245-N-4	D1-TW-0015098-24245-N-5
				Sample Date:	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	Absent	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	85.0	27.0	66.0	ND	89.0	114	
Field Test (ppb)	Free Chlorine	4000	MCL	150	30.0	490	320	230	330	
Field Test (pH)	pH	--	--	7.24	7.71	7.38	7.39	7.18	7.25	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.260	0.290	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	25.3	38.7	27.4	51.7	28.5	27.9	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.610	0.350	0.510	0.710	0.200	0.110	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	--	53200	--	54500	53000	
	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	91.0	--	28.7	--	137	26.6	
	Lead	15	MCL	0.360	--	0.290	--	0.220	0.240	
	Mercury	2	MCL	ND	--	ND	--	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	
	Acenaphthylene	--	--	ND	--	ND	--	ND	ND	
	Anthracene	--	--	ND	--	ND	--	ND	ND	

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Schools in Zone D1**

				Location ID: D1-BLDGD1-22						
				Location Type: School						
				Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22						
				Field Sample ID:	D1-TW-0015098-24245-N-2	D1-TW-0015098-24245-N-2-H	D1-TW-0015098-24245-N-3	D1-TW-0015098-24245-N-3-H	D1-TW-0015098-24245-N-4	D1-TW-0015098-24245-N-5
				Sample Date:	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND
	Chrysene	--	--	ND	--	ND	--	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	ND	ND
	Fluorene	--	--	ND	--	ND	--	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	ND	ND
	Pyrene	--	--	ND	--	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	--	ND	ND	ND
	Cumene	--	--	ND	--	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Schools in Zone D1**

		Location ID: D1-BLDGD1-22							
		Location Type: School							
		Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22							
		Field Sample ID:	D1-TW-0015098-24245-N-2	D1-TW-0015098-24245-N-2-H	D1-TW-0015098-24245-N-3	D1-TW-0015098-24245-N-3-H	D1-TW-0015098-24245-N-4	D1-TW-0015098-24245-N-5	
		Sample Date:	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03	2024-09-03	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	0.490	--	0.340	--	0.710	0.400
	Chloroform	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.400	--	0.300	--	0.470	0.310
	Total Trihalomethanes	80	MCL	0.890	--	0.640	--	1.18	0.710

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24183-N-1	D1-TW-0015067-24183-N-1-H	D1-TW-0015067-24183-N-2	D1-TW-0015067-24183-N-2-H	D1-TW-0015067-24183-3-N-1	D1-TW-0015067-24183-3-N-1-H	D1-TW-0015067-24214-N-1	D1-TW-0015067-24214-3-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-01	2024-08-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	370	420	340	370	--	--	530	--	--
Field Test (pH)	pH	--	--	7.16	7.35	7.28	7.35	--	--	7.22	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.250	0.260	--	--	0.240	--	--
Field Test (degrees Celcius)	Temperature	--	--	26.0	41.6	26.5	40.5	--	--	26.4	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0760	0.320	0.150	0.130	--	--	0.00	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52100	--	51500	--	53600	--	56700	59400	59400
	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	6.40	--	9.30	--	6.60	--	4.30	4.30	4.30
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	ND	ND
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND	ND

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24183-N-1	D1-TW-0015067-24183-N-1-H	D1-TW-0015067-24183-N-2	D1-TW-0015067-24183-N-2-H	D1-TW-0015067-24183-3-N-1	D1-TW-0015067-24183-3-N-1-H	D1-TW-0015067-24214-N-1	D1-TW-0015067-24214-3-N-1
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-01	2024-08-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
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	--	0.0150	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	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 D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24214-N-1-H	D1-TW-0015067-24214-N-2	D1-TW-0015067-24214-N-2-H	D1-TW-0015067-24214-3-N-1-H	D1-TW-0015067-24245-N-1	D1-TW-0015067-24245-N-1-H	D1-TW-0015067-24245-N-2	D1-TW-0015067-24245-N-2-H
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03	2024-09-03	2024-09-03	2024-09-03
				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	5.00	130	37.0	
Field Test (ppb)	Free Chlorine	4000	MCL	460	490	390	--	520	490	750	460	
Field Test (pH)	pH	--	--	7.26	7.22	7.32	--	7.25	7.30	7.31	7.28	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.250	--	0.250	0.270	0.250	0.270	
Field Test (degrees Celcius)	Temperature	--	--	41.9	27.3	41.0	--	26.2	40.6	26.8	39.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.0570	0.00	--	0.230	0.0910	0.320	0.170	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	59700	--	--	52100	--	51700	--	
	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	--	10.9	--	--	3.50	--	12.6	--	
	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	--	

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24214-N-1-H	D1-TW-0015067-24214-N-2	D1-TW-0015067-24214-N-2-H	D1-TW-0015067-24214-3-N-1-H	D1-TW-0015067-24245-N-1	D1-TW-0015067-24245-N-1-H	D1-TW-0015067-24245-N-2	D1-TW-0015067-24245-N-2-H
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03	2024-09-03	2024-09-03	2024-09-03
				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									
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	--	--	--	--	--	ND	--	ND	--
	Anthracene	--	--	--	--	--	--	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	0.0260	--	--	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	ND	--	ND	--
	Chrysene	--	--	--	--	--	--	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	ND	--	ND	--
	Fluorene	--	--	--	--	--	--	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	ND	--	ND	--
	Naphthalene	--	--	--	ND	--	--	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	--	--	--	ND	--	ND	--
	Pyrene	--	--	--	--	--	--	--	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	--
Cumene		--	--	--	--	--	--	--	ND	--	ND	--
Ethylbenzene		700	MCL	--	ND	--	--	--	ND	--	ND	--
m,p-Xylene		--	--	--	ND	--	--	--	ND	--	ND	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0204 Location Type: Child Development Center Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)								
				Field Sample ID:	D1-TW-0015067-24214-N-1-H	D1-TW-0015067-24214-N-2	D1-TW-0015067-24214-N-2-H	D1-TW-0015067-24214-3-N-1-H	D1-TW-0015067-24245-N-1	D1-TW-0015067-24245-N-1-H	D1-TW-0015067-24245-N-2	D1-TW-0015067-24245-N-2-H
				Sample Date:	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-03	2024-09-03	2024-09-03	2024-09-03
				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									
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	--	--	--	--	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	--	--	--	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	--	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	--	--	ND	--	ND	--
	tert-Butylbenzene	--	--	--	--	--	--	--	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 D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24183-N-1	D1-TW-0015074-24183-N-1-H	D1-TW-0015074-24183-N-2	D1-TW-0015074-24183-N-2-H	D1-TW-0015074-24183-3-N-2	D1-TW-0015074-24183-3-N-2-H	D1-TW-0015074-24214-N-1	D1-TW-0015074-24214-N-1-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-06	2024-08-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	440	520	570	450	--	--	550	430	
Field Test (pH)	pH	--	--	7.05	6.97	7.12	7.12	--	--	7.41	7.35	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.270	--	--	0.280	0.270	
Field Test (degrees Celcius)	Temperature	--	--	25.0	23.2	23.7	44.5	--	--	24.6	23.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.38	0.0220	0.0200	0.00	--	--	0.650	0.0120	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50700	--	51300	--	50500	--	59500	--	
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	36.6	--	54.7	--	54.1	--	37.1	--	
	Lead	15	MCL	0.200	--	ND	--	ND	--	0.230	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24183-N-1	D1-TW-0015074-24183-N-1-H	D1-TW-0015074-24183-N-2	D1-TW-0015074-24183-N-2-H	D1-TW-0015074-24183-3-N-2	D1-TW-0015074-24183-3-N-2-H	D1-TW-0015074-24214-N-1	D1-TW-0015074-24214-N-1-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-06	2024-08-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	0.0160	--	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	--	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24214-N-2	D1-TW-0015074-24214-N-2-H	D1-TW-0015074-24245-N-1	D1-TW-0015074-24245-N-1-H	D1-TW-0015074-24245-N-2	D1-TW-0015074-24245-N-2-H	D1-TW-0015074-24245-3-N-2	D1-TW-0015074-24245-3-N-2-H
				Sample Date:	2024-08-06	2024-08-06	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05
				Sample Type:	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									
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	1.00	ND	2.00	9.00	ND	6.00	
Field Test (ppb)	Free Chlorine	4000	MCL	780	520	590	600	590	480	--	--	
Field Test (pH)	pH	--	--	7.40	7.43	7.18	7.22	7.37	7.39	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.280	0.250	0.250	0.290	0.320	--	--	
Field Test (degrees Celcius)	Temperature	--	--	24.4	28.5	25.3	24.8	25.7	39.6	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.320	0.230	1.51	0.650	0.770	0.730	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58600	--	56400	--	53400	--	52100	--	
	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	72.7	--	21.0	--	72.4	--	72.8	--	
	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	--	

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24214-N-2	D1-TW-0015074-24214-N-2-H	D1-TW-0015074-24245-N-1	D1-TW-0015074-24245-N-1-H	D1-TW-0015074-24245-N-2	D1-TW-0015074-24245-N-2-H	D1-TW-0015074-24245-3-N-2	D1-TW-0015074-24245-3-N-2-H
				Sample Date:	2024-08-06	2024-08-06	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05
				Sample Type:	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									
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	--	--	ND	--	ND	--	ND	--	--
	Anthracene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--	--
	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--	--
	Chrysene	--	--	--	--	ND	--	ND	--	ND	--	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	--	ND	--	--
	Fluorene	--	--	--	--	ND	--	ND	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	ND	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Phenanthrene	--	--	--	--	ND	--	ND	--	ND	--	--
	Pyrene	--	--	--	--	ND	--	ND	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	--
	Cumene	--	--	--	--	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Child Development Centers in Zone D1**

				Location ID: D1-BLDG0930 Location Type: Child Development Center Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)								
				Field Sample ID:	D1-TW-0015074-24214-N-2	D1-TW-0015074-24214-N-2-H	D1-TW-0015074-24245-N-1	D1-TW-0015074-24245-N-1-H	D1-TW-0015074-24245-N-2	D1-TW-0015074-24245-N-2-H	D1-TW-0015074-24245-3-N-2	D1-TW-0015074-24245-3-N-2-H
				Sample Date:	2024-08-06	2024-08-06	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05	2024-09-05
				Sample Type:	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)	n-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	n-Propylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	--
	sec-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	--

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID: D1-HYD2237		D1-HYD714				D1-HYD731	
		Location Type: Hydrant		Hydrant				Hydrant	
		Address: FH ID: 436		FH ID: 714				FH ID: 731	
		Field Sample ID: D1-DL-0017564-24183	D1-DL-0017564-24214	D1-DL-0017564-24245	D1-DL-0017563-24183	D1-DL-0017563-24214	D1-DL-0017563-24245	D1-DL-0017561-24183	D1-DL-0017561-24214
		-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-07-29	2024-08-06	2024-09-09	2024-07-29	2024-08-06	2024-09-09	2024-07-29	2024-08-06
		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	48.0	19.0	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	40.0	40.0	50.0	450	560	540
Field Test (pH)	pH	--	--	8.95	9.02	9.04	7.25	7.17	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.280	0.250	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	31.9	32.2	32.6	24.8	26.3	23.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.870	0.950	1.32	0.460	0.470	0.150
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	71000	77300	70600	56700	60400	54900
	Total Organic Carbon	--	--	ND	ND	ND	830	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	--	--	ND	--	--	ND
	Anthracene	--	--	--	--	ND	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0190	ND	0.0250	ND	ND
	Benzo(b)fluoranthene	--	--	--	--	ND	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	ND	--	--	ND
Chrysene	--	--	--	--	ND	--	--	ND	

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID: D1-HYD2237			Location ID: D1-HYD714			Location ID: D1-HYD731			
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant			
		Address: FH ID: 436			Address: FH ID: 714			Address: FH ID: 731			
		Field Sample ID: D1-DL-0017564-24183	Field Sample ID: D1-DL-0017564-24214	Field Sample ID: D1-DL-0017564-24245	Field Sample ID: D1-DL-0017563-24183	Field Sample ID: D1-DL-0017563-24214	Field Sample ID: D1-DL-0017563-24245	Field Sample ID: D1-DL-0017561-24183	Field Sample ID: D1-DL-0017561-24214		
		-N									
		Sample Date: 2024-07-29	Sample Date: 2024-08-06	Sample Date: 2024-09-09	Sample Date: 2024-07-29	Sample Date: 2024-08-06	Sample Date: 2024-09-09	Sample Date: 2024-07-29	Sample Date: 2024-08-06		
		Sample Type: N (Normal)									
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	--	ND	--	--	ND	--	--
	Fluorene	--	--	--	--	ND	--	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	--	ND	--	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	--	ND	--	--	ND	--	--
	Pyrene	--	--	--	--	ND	--	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	--	--	ND	--	--	ND	--	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	--	ND	--	--	ND	--	--
	n-Propylbenzene	--	--	--	--	ND	--	--	ND	--	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	--	ND	--	--	ND	--	--
	tert-Butylbenzene	--	--	--	--	ND	--	--	ND	--	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND							
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.320	0.280	ND	ND	ND	ND	ND
	Bromoform	--	--	3.90	4.20	4.80	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone D1  
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 July 2024 - September 2024 from Hydrants in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-HYD2237			D1-HYD714			D1-HYD731																			
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type																	
				D1-DL-0017564-24183 -N	2024-07-29	N (Normal)	D1-DL-0017564-24214 -N	2024-08-06	N (Normal)	D1-DL-0017564-24245 -N	2024-09-09	N (Normal)	D1-DL-0017563-24183 -N	2024-07-29	N (Normal)	D1-DL-0017563-24214 -N	2024-08-06	N (Normal)	D1-DL-0017563-24245 -N	2024-09-09	N (Normal)	D1-DL-0017561-24183 -N	2024-07-29	N (Normal)	D1-DL-0017561-24214 -N	2024-08-06	N (Normal)		
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.810	0.990	1.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	4.71	5.51	6.08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID: D1-HYD731		D1-HYD748					D1-HYD771		
		Location Type: Hydrant		Hydrant					Hydrant		
		Address: FH ID: 731		FH ID: 748					FH ID: 771		
		Field Sample ID: D1-DL-0017561-24245	D1-DL-0017565-24183	D1-DL-0017565-24214	D1-DL-0017565-24214	D1-DL-0017565-24245	D1-DL-0017562-24183	D1-DL-0017562-24214	D1-DL-0017562-24245		
		-N	-N	-N	-3-N	-N	-N	-N	-N		
		Sample Date: 2024-09-09	2024-07-29	2024-08-06	2024-08-06	2024-09-10	2024-07-29	2024-08-06	2024-09-10		
		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	Absent	Absent	Absent	Absent	
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	ND	ND	ND	1.00	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	380	730	600	--	480	550	370	
Field Test (pH)	pH	--	--	7.21	7.00	7.38	--	7.26	7.36	7.51	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.250	--	0.260	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	27.6	27.8	26.8	--	28.1	30.5	28.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.44	0.990	0.850	--	1.42	1.00	0.810	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54600	57300	59000	58500	57000	59500	59400	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
	Acenaphthylene	--	--	ND	--	--	--	ND	--	--	
	Anthracene	--	--	ND	--	--	--	ND	--	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzo(b)fluoranthene	--	--	ND	--	--	--	ND	--	--	
	Benzo(g,h,i)perylene	--	--	ND	--	--	--	ND	--	--	
	Benzo(k)fluoranthene	--	--	ND	--	--	--	ND	--	--	
Chrysene	--	--	ND	--	--	--	ND	--	--		

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-HYD748			D1-HYD771				
				D1-HYD731	Hydrant			Hydrant				
				Hydrant	Hydrant			Hydrant				
				FH ID: 731	FH ID: 748			FH ID: 771				
				Field Sample ID:	D1-DL-0017561-24245	D1-DL-0017565-24183	D1-DL-0017565-24214	D1-DL-0017565-24214	D1-DL-0017565-24245	D1-DL-0017562-24183	D1-DL-0017562-24214	D1-DL-0017562-24245
					-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Date:	2024-09-09	2024-07-29	2024-08-06	2024-08-06	2024-09-10	2024-07-29	2024-08-06	2024-09-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	--	--	--	--	ND	--	--	ND
	Fluorene	--	--	ND	--	--	--	--	ND	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	ND	--	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	--	--	--	--	ND	--	--	ND
	Pyrene	--	--	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	ND
2-(2-Methoxy ethoxy)ethanol		--	--	ND	--	--	--	--	ND	--	--	ND
Benzene		5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cumene		--	--	ND	--	--	--	--	ND	--	--	ND
Ethylbenzene		700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene		--	--	ND	--	--	--	--	ND	--	--	ND
n-Propylbenzene		--	--	ND	--	--	--	--	ND	--	--	ND
o-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene		--	--	ND	--	--	--	--	ND	--	--	ND
tert-Butylbenzene		--	--	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	0.950	0.820	0.910	
	Bromoform	--	--	ND	ND	ND	ND	ND	2.70	2.40	4.90	

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Hydrants in Zone D1**

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-HYD748					D1-HYD771		
				D1-HYD731	D1-HYD748					D1-HYD771		
				Hydrant	Hydrant					Hydrant		
				FH ID: 731	FH ID: 748					FH ID: 771		
				Field Sample ID:	D1-DL-0017561-24245	D1-DL-0017565-24183	D1-DL-0017565-24214	D1-DL-0017565-24214	D1-DL-0017565-24245	D1-DL-0017562-24183	D1-DL-0017562-24214	D1-DL-0017562-24245
					-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Date:	2024-09-09	2024-07-29	2024-08-06	2024-08-06	2024-09-10	2024-07-29	2024-08-06	2024-09-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.290	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	2.20	2.00	2.90
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	6.14	5.22	8.71

**Summary of Chemistry Results**

**Zone D1**

**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID:		D1-HYD835		
		Location Type:		Hydrant		
		Address:		FH ID: 768		
		Field Sample ID:		D1-DL-0000548-24183	D1-DL-0000548-24214	D1-DL-0000548-24245
				-N	-N	-N
		Sample Date:		2024-07-29	2024-08-06	2024-09-10
		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	Absent
	E. coli	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	690	480	530
Field Test (pH)	pH	--	--	7.37	7.36	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.3	25.8	27.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.32	0.830	1.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55700	57700	56000
	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
	Acenaphthylene	--	--	--	--	ND
	Anthracene	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	ND
	Chrysene	--	--	--	--	ND

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID:	D1-HYD835			
		Location Type:	Hydrant			
		Address:	FH ID: 768			
		Field Sample ID:	D1-DL-0000548-24183 -N	D1-DL-0000548-24214 -N	D1-DL-0000548-24245 -N	
		Sample Date:	2024-07-29	2024-08-06	2024-09-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	
	Fluorene	--	--	--	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	
	Naphthalene	--	--	ND	ND	ND
	Phenanthrene	--	--	--	--	ND
	Pyrene	--	--	--	--	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
	Cumene	--	--	--	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	n-Butylbenzene	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	ND
	o-Xylene	--	--	ND	ND	ND
	sec-Butylbenzene	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	ND
	Toluene	1000	MCL	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	ND	ND	ND

**Summary of Chemistry Results**  
**Zone D1**  
**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 July 2024 - September 2024 from Hydrants in Zone D1**

		Location ID: D1-HYD835		
		Location Type: Hydrant		
		Address: FH ID: 768		
		Field Sample ID: D1-DL-0000548-24183	D1-DL-0000548-24214	D1-DL-0000548-24245
		-N	-N	-N
		Sample Date: 2024-07-29	2024-08-06	2024-09-10
		Sample Type: N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Trihalomethanes (ppb)	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	ND