

Summary of Chemistry Results

Zone C1

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Child Development Centers in Zone C1

				Location ID: C1-BLDG1655 Location Type: Child Development Center Address: Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd								
				Field Sample ID:	C1-TW-0014751-24183-N-1	C1-TW-0014751-24183-N-1-H	C1-TW-0014751-24183-N-2	C1-TW-0014751-24183-N-2-H	C1-TW-0014751-24183-3-N-1	C1-TW-0014751-24183-3-N-1-H	C1-TW-0014751-24214-N-1	C1-TW-0014751-24214-N-1-H
				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-01	2024-08-01
				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	460	390	260	690	--	--	390	540	
Field Test (pH)	pH	--	--	7.32	7.44	7.22	7.34	--	--	7.10	7.06	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.240	0.250	--	--	0.260	0.290	
Field Test (degrees Celcius)	Temperature	--	--	29.8	42.7	22.5	38.9	--	--	23.7	41.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	3.96	4.73	9.86	4.06	--	--	0.380	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52400	--	52800	--	54200	--	56100	--	
	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	13.0	--	16.0	--	13.0	--	12.5	--	
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	

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				Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-08-01	2024-08-01
				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	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	--	
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	

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				Location ID: C1-BLDG1655 Location Type: Child Development Center Address: Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd								
				Field Sample ID:	C1-TW-0014751-24214-N-2	C1-TW-0014751-24214-N-2-H	C1-TW-0014751-24245-N-1	C1-TW-0014751-24245-N-1-H	C1-TW-0014751-24245-N-2	C1-TW-0014751-24245-N-2-H	C1-TW-0014751-24245-3-N-2	C1-TW-0014751-24245-3-N-2-H
				Sample Date:	2024-08-01	2024-08-01	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				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	2.00	1.00	ND	1.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	620	570	210	510	490	460	--	--	
Field Test (pH)	pH	--	--	7.07	6.95	7.10	7.02	7.12	7.21	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.280	0.250	0.260	--	--	
Field Test (degrees Celcius)	Temperature	--	--	23.9	38.5	24.8	43.6	24.0	33.0	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.00	0.0910	0.00	0.00	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	60400	--	54700	--	55100	--	54100	--	
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--	
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--	
Metals (ppb)	Copper	1300	MCL	10.8	--	19.0	--	17.2	--	17.1	--	
	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	--	

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				Sample Date:	2024-08-01	2024-08-01	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				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	--	--

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				Sample Date:	2024-08-01	2024-08-01	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				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	--	--

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		C1-HYD1183				C1-HYD1765			C1-HYD1769		
		Hydrant				Hydrant			Hydrant		
		FH ID: 512				FH ID: FH 503			FHID: 563		
		C1-DL-0000531-24183	C1-DL-0000531-24183	C1-DL-0000531-24214	C1-DL-0000531-24245	C1-DL-0000526-24183	C1-DL-0000526-24214	C1-DL-0000526-24245	C1-DL-0017789-24183		
		-N	-3-N	-N	-N	-N	-N	-N	-N		
		2024-07-26	2024-07-26	2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30	2024-07-26		
		N (Normal)	FD (Field Duplicate)	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	--	--	10.0	28.0	110	37.0	ND	1.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	--	200	20.0	150	410	320	300
Field Test (pH)	pH	--	--	8.56	--	8.41	8.68	7.42	7.40	7.22	7.47
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	--	0.280	0.280	0.250	0.250	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	30.0	--	30.0	30.0	28.8	28.7	26.9	29.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	--	0.130	0.200	0.240	0.570	0.750	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	75700	78100	69100	76100	55400	57000	55600	58800
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	260	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	--	--	ND	ND	--	ND	ND	--
	Anthracene	--	--	--	--	ND	ND	--	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	--	ND	ND	--	ND	ND	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	ND	--	ND	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	ND	--	ND	ND	--
Chrysene	--	--	--	--	ND	ND	--	ND	ND	--	

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		-N	-3-N	-N	-N	-N	-N	-N	-N		
		2024-07-26	2024-07-26	2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30	2024-07-26		
		N (Normal)	FD (Field Duplicate)	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	--	ND	ND	--	ND	ND	--
	Fluorene	--	--	--	--	ND	ND	--	ND	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	ND	--	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	--	ND	ND	--	ND	ND	--
	Pyrene	--	--	--	--	ND	ND	--	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	ND	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	--	--	ND	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--
	n-Propylbenzene	--	--	--	--	ND	ND	--	ND	ND	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--
	tert-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.820	0.830	0.750	0.650	ND	ND	ND	0.620
	Bromoform	--	--	3.30	3.30	5.30	2.10	1.50	0.970	0.690	3.10

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		C1-HYD1183 Hydrant FH ID: 512				C1-HYD1765 Hydrant FH ID: FH 503			C1-HYD1769 Hydrant FHID: 563	
		C1-DL-0000531-24183 -N	C1-DL-0000531-24183 -3-N	C1-DL-0000531-24214 -N	C1-DL-0000531-24245 -N	C1-DL-0000526-24183 -N	C1-DL-0000526-24214 -N	C1-DL-0000526-24245 -N	C1-DL-0017789-24183 -N	
		2024-07-26	2024-07-26	2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30	2024-07-26	
		N (Normal)	FD (Field Duplicate)	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)	Chloroform	--	--	0.310	0.320	0.270	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.60	1.50	2.00	0.950	0.770	0.620	0.450
	Total Trihalomethanes	80	MCL	6.03	5.95	8.32	3.70	2.27	1.59	1.14

Summary of Chemistry Results
Zone C1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		Location ID: C1-HYD1769		C1-HYD354			C1-HYD444				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: FHID: 563		FHID: 479			FHID: 413				
		Field Sample ID: C1-DL-0017789-24214	C1-DL-0017789-24245	C1-DL-0017791-24183	C1-DL-0017791-24214	C1-DL-0017791-24245	C1-DL-0017788-24183	C1-DL-0017788-24214	C1-DL-0017788-24245		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	16.0	4.00	ND	4.00	1.00	ND	7.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	440	410	650	580	450	240	580	380
Field Test (pH)	pH	--	--	7.24	7.26	7.28	7.19	7.21	7.39	7.10	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.250	0.250	0.250	0.260	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	29.9	27.2	27.2	28.9	26.3	32.1	29.8	26.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.39	0.620	0.900	1.18	0.390	0.950	1.80	0.440
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58700	56600	55800	56100	55100	56100	56200	55500
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	270
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Anthracene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	--	ND	ND	--	ND	ND
Chrysene	--	--	ND	ND	--	ND	ND	--	ND	ND	

Summary of Chemistry Results
Zone C1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		Location ID: C1-HYD1769		C1-HYD354			C1-HYD444				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: FHID: 563		FHID: 479			FHID: 413				
		Field Sample ID: C1-DL-0017789-24214	C1-DL-0017789-24245	C1-DL-0017791-24183	C1-DL-0017791-24214	C1-DL-0017791-24245	C1-DL-0017788-24183	C1-DL-0017788-24214	C1-DL-0017788-24245		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30	2024-07-26	2024-08-13	2024-09-30		
		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)	Dibenz(a,h)anthracene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Fluorene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Pyrene	--	--	ND	ND	--	ND	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	n-Propylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	tert-Butylbenzene	--	--	ND	ND	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.390	ND	ND	ND	ND	0.760	ND	ND
	Bromoform	--	--	1.60	0.850	ND	ND	ND	4.20	0.530	0.540

Summary of Chemistry Results
Zone C1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		Location ID: C1-HYD817				
		Location Type: Hydrant				
		Address: FHID: 530A				
		Field Sample ID: C1-DL-0017790-24183	C1-DL-0017790-24214	C1-DL-0017790-24245		
		-N	-N	-N		
		Sample Date: 2024-07-26	2024-08-13	2024-09-30		
		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	ND
Field Test (ppb)	Free Chlorine	4000	MCL	270	520	490
Field Test (pH)	pH	--	--	7.78	7.24	7.40
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	31.5	26.4	25.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.660	0.290	0.100
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	63100	56100	56900
	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	ND
	Anthracene	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	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 C1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		Location ID:	C1-HYD817		
		Location Type:	Hydrant		
		Address:	FHID: 530A		
		Field Sample ID:	C1-DL-0017790-24183 -N	C1-DL-0017790-24214 -N	C1-DL-0017790-24245 -N
		Sample Date:	2024-07-26	2024-08-13	2024-09-30
		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
	Phenanthrene	--	--	--	ND
	Pyrene	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND
	Benzene	5	MCL	ND	ND
	Cumene	--	--	--	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	n-Butylbenzene	--	--	--	ND
	n-Propylbenzene	--	--	--	ND
	o-Xylene	--	--	ND	ND
	sec-Butylbenzene	--	--	--	ND
	tert-Butylbenzene	--	--	--	ND
	Toluene	1000	MCL	ND	ND
Xylenes, Total	10000	MCL	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.570	ND
	Bromoform	--	--	6.20	0.570

**Summary of Chemistry Results
Zone C1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone C1

		Location ID: C1-HYD817				
		Location Type: Hydrant				
		Address: FHID: 530A				
		Field Sample ID: C1-DL-0017790-24183	C1-DL-0017790-24214	C1-DL-0017790-24245		
		-N	-N	-N		
		Sample Date: 2024-07-26	2024-08-13	2024-09-30		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	2.40	0.490	0.320
	Total Trihalomethanes	80	MCL	9.17	1.06	0.750

Summary of Chemistry Results

Zone C1

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

		Location ID:	C1-BLDG0584								
		Location Type:	Medical Building								
		Address:	Building 584,CAREER INFORMATION CENTER, 2367 North Rd								
		Field Sample ID:	C1-TW-0014693-24183-N	C1-TW-0014693-24183-N-H	C1-TW-0014693-24214-N	C1-TW-0014693-24214-N-H	C1-TW-0014693-24214-3-N	C1-TW-0014693-24214-3-N-H	C1-TW-0014693-24245-N	C1-TW-0014693-24245-3-N	
		Sample Date:	2024-07-08	2024-07-08	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-06	2024-09-06	
		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
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00	ND	15.0	ND	8.00	ND	7.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	40.0	200	30.0	150	--	--	140	--
Field Test (pH)	pH	--	--	7.86	7.71	7.91	7.83	--	--	7.73	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.270	0.290	--	--	0.280	--
Field Test (degrees Celcius)	Temperature	--	--	24.8	29.9	23.8	39.7	--	--	24.5	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	5.14	6.74	0.0230	0.00	--	--	0.110	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59600	--	62900	--	63000	--	60900	60900
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	6.40	--	3.50	--	3.60	--	16.2	12.0
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	ND
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	Acenaphthylene	--	--	--	--	--	--	--	--	ND	ND

Summary of Chemistry Results

Zone C1

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

				Location ID: C1-BLDG0584 Location Type: Medical Building Address: Building 584,CAREER INFORMATION CENTER, 2367 North Rd								
				Field Sample ID:	C1-TW-0014693-24183-N	C1-TW-0014693-24183-N-H	C1-TW-0014693-24214-N	C1-TW-0014693-24214-N-H	C1-TW-0014693-24214-3-N	C1-TW-0014693-24214-3-N-H	C1-TW-0014693-24245-N	C1-TW-0014693-24245-3-N
				Sample Date:	2024-07-08	2024-07-08	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-06	2024-09-06
				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)	Anthracene	--	--	--	--	--	--	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	0.0180	--	--	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	--	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND	ND
	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
1,3,5-Trimethylbenzene		--	--	ND	--	ND	--	ND	--	ND	ND	ND
Benzene		5	MCL	ND	--	ND	--	ND	--	ND	ND	ND
Cumene		--	--	--	--	--	--	--	--	--	ND	ND
Ethylbenzene		700	MCL	ND	--	ND	--	ND	--	ND	ND	ND
m,p-Xylene		--	--	ND	--	ND	--	ND	--	ND	ND	ND
n-Butylbenzene		--	--	--	--	--	--	--	--	--	ND	ND
n-Propylbenzene	--	--	--	--	--	--	--	--	--	ND	ND	

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

				Location ID: C1-BLDG0584 Location Type: Medical Building Address: Building 584,CAREER INFORMATION CENTER, 2367 North Rd								
				Field Sample ID:	C1-TW-0014693-24183-N	C1-TW-0014693-24183-N-H	C1-TW-0014693-24214-N	C1-TW-0014693-24214-N-H	C1-TW-0014693-24214-3-N	C1-TW-0014693-24214-3-N-H	C1-TW-0014693-24245-N	C1-TW-0014693-24245-3-N
				Sample Date:	2024-07-08	2024-07-08	2024-08-01	2024-08-01	2024-08-01	2024-08-01	2024-09-06	2024-09-06
				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									
Volatile Organic Compounds (ppb)	o-Xylene	--	--	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
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	ND	ND
	Bromoform	--	--	1.50	--	0.980	--	1.10	--	1.10	1.20	1.20
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	0.600	--	0.440	--	0.460	--	0.370	0.420	0.420
	Total Trihalomethanes	80	MCL	2.10	--	1.42	--	1.56	--	1.47	1.62	1.62

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG0584		Location ID: C1-BLDG1407					
				Location Type: Medical Building	Address: Building 584,CAREER INFORMATION CENTER, 2367 North Rd	Location Type: Medical Building Address: Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd					
				Field Sample ID: C1-TW-0014693-24245-N-H	Field Sample ID: C1-TW-0014693-24245-3-N-H	Field Sample ID: C1-TW-0014730-24183-N	Field Sample ID: C1-TW-0014730-24183-N-H	Field Sample ID: C1-TW-0014730-24214-N	Field Sample ID: C1-TW-0014730-24214-N-H	Field Sample ID: C1-TW-0014730-24245-N	Field Sample ID: C1-TW-0014730-24245-N-H
				Sample Date: 2024-09-06	Sample Date: 2024-09-06	Sample Date: 2024-07-10	Sample Date: 2024-07-10	Sample Date: 2024-08-01	Sample Date: 2024-08-01	Sample Date: 2024-09-06	Sample Date: 2024-09-06
				Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	--	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	2.00	2.00	ND	ND	ND	19.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	170	--	260	100	510	90.0	490	40.0
Field Test (pH)	pH	--	--	7.75	--	6.97	6.99	7.12	7.09	6.20	7.44
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	--	0.250	0.280	0.260	0.300	0.270	0.310
Field Test (degrees Celcius)	Temperature	--	--	28.5	--	22.5	50.8	23.2	45.2	22.4	50.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.170	--	0.100	0.670	0.0700	0.00	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	55300	--	58700	--	54800	--
	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	--	--	65.2	--	38.1	--	46.9	--
	Lead	15	MCL	--	--	0.210	--	ND	--	0.130	--
	Mercury	2	MCL	--	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG0584		Location ID: C1-BLDG1407																					
				Field Sample ID	Sample Date	Sample Type	Address: Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd																				
Synthetic Organic Compounds (ppb)	2-Methylnaphthalene	--	--	C1-TW-0014693-24245-N-H	2024-09-06	N (Normal)	C1-TW-0014693-24245-3-N-H	2024-09-06	FD (Field Duplicate)	C1-TW-0014730-24183-N	2024-07-10	N (Normal)	C1-TW-0014730-24183-N-H	2024-07-10	N (Normal)	C1-TW-0014730-24214-N	2024-08-01	N (Normal)	C1-TW-0014730-24214-N-H	2024-08-01	N (Normal)	C1-TW-0014730-24245-N	2024-09-06	N (Normal)	C1-TW-0014730-24245-N-H	2024-09-06	N (Normal)
	Acenaphthylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Chrysene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluorene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Phenanthrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pyrene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,3,5-Trimethylbenzene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Benzene		5	MCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Cumene		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG0584		Location ID: C1-BLDG1407																					
				Field Sample ID	Sample Date	Sample Type	Address: Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd																				
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	C1-TW-0014693-24245-N-H	2024-09-06	N (Normal)	C1-TW-0014693-24245-3-N-H	2024-09-06	FD (Field Duplicate)	C1-TW-0014730-24183-N	2024-07-10	N (Normal)	C1-TW-0014730-24183-N-H	2024-07-10	N (Normal)	C1-TW-0014730-24214-N	2024-08-01	N (Normal)	C1-TW-0014730-24214-N-H	2024-08-01	N (Normal)	C1-TW-0014730-24245-N	2024-09-06	N (Normal)	C1-TW-0014730-24245-N-H	2024-09-06	N (Normal)
	m,p-Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	o-Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Toluene	1000	MCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Xylenes, Total	10000	MCL	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Bromoform	--	--	--	--	--	--	--	--	--	--	0.390	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Dibromochloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Total Trihalomethanes	80	MCL	--	--	--	--	--	--	--	--	--	0.390	--	--	--	--	--	--	--	--	--	--	--	--	--	

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	C1-BLDG1514 Medical Building Building 1514,SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd				C1-BLDG1535 Medical Building Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road			
				Field Sample ID:	Sample Date:	Sample Type:	DOH Project Screening Level	Basis of Project Screening Level	Field Sample ID:	Sample Date:	Sample Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	6.00	ND	ND	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	310	680	420	--	470	40.0	560	430
Field Test (pH)	pH	--	--	7.25	7.36	7.47	--	7.32	7.74	7.14	7.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.310	0.280	0.290	--	0.240	0.260	0.270	0.280
Field Test (degrees Celcius)	Temperature	--	--	28.0	29.1	26.3	--	25.9	30.7	26.8	30.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.900	0.230	0.00	--	12.8	11.7	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54400	62200	58800	56000	52400	--	56600	--
	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	18.6	15.5	17.3	17.6	52.5	--	53.9	--
	Lead	15	MCL	0.420	0.540	0.340	0.330	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 C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	C1-BLDG1514 Medical Building Building 1514,SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd				C1-BLDG1535 Medical Building Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road			
				Field Sample ID:	Sample Date:	Sample Type:		Field Sample ID:	Sample Date:	Sample Type:	
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	--	--	ND	ND	--	--	--	--
	Anthracene	--	--	--	--	ND	ND	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	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	--	--	--	--
	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	--
	Phenanthrene	--	--	--	--	ND	ND	--	--	--	--
	Pyrene	--	--	--	--	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	--
Cumene		--	--	--	--	ND	ND	--	--	--	--
Ethylbenzene		700	MCL	ND	ND	ND	ND	ND	--	ND	--
m,p-Xylene		--	--	ND	ND	ND	ND	ND	--	ND	--

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

				C1-BLDG1514 Medical Building Building 1514,SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd				C1-BLDG1535 Medical Building Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	--	--	ND	ND	--	--	--	--
	n-Propylbenzene	--	--	--	--	ND	ND	--	--	--	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	ND	ND	--	--	--	--
	tert-Butylbenzene	--	--	--	--	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	--	--	2.20	0.960	0.870	0.890	ND	--	ND	--
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	--
	Dibromochloromethane	--	--	0.680	0.450	0.340	0.330	ND	--	ND	--
	Total Trihalomethanes	80	MCL	2.88	1.41	1.21	1.22	ND	--	ND	--

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG1535 Location Type: Medical Building Address: Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road		Location ID: C1-BLDG1588 Location Type: Non-Residence Address: Building 1588, TORP RETRIEVER BOATHSE NSSC	
				Field Sample ID: C1-TW-0014739-24245-N Sample Date: 2024-09-06 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014739-24245-N-H Sample Date: 2024-09-06 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014745-24092-N-H-WQI Sample Date: 2024-08-02 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014745-24092-N-WQI Sample Date: 2024-08-02 Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent
	E. coli	--	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	82.0	38.0	8.00	156
Field Test (ppb)	Free Chlorine	4000	MCL	570	140	410	430
Field Test (pH)	pH	--	--	7.24	7.50	7.54	7.47
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.270	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.3	28.6	35.9	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	0.00	0.420	0.0220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54600	--	--	59300
	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	52.1	--	--	6.30
	Lead	15	MCL	0.140	--	--	ND
	Mercury	2	MCL	ND	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	ND
	2-Methylnaphthalene	--	--	ND	--	--	ND

Summary of Chemistry Results

Zone C1

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

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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: C1-BLDG1535 Location Type: Medical Building Address: Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road		Location ID: C1-BLDG1588 Location Type: Non-Residence Address: Building 1588, TORP RETRIEVER BOATHSE NSSC	
				Field Sample ID: C1-TW-0014739-24245-N Sample Date: 2024-09-06 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014739-24245-N-H Sample Date: 2024-09-06 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014745-24092-N-H-WQI Sample Date: 2024-08-02 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014745-24092-N-WQI Sample Date: 2024-08-02 Sample Type: N (Normal)
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	ND	--	--	--
	Anthracene	--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	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
	Phenanthrene	--	--	ND	--	--	--
	Pyrene	--	--	ND	--	--	--
	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--
1,3,5-Trimethylbenzene		--	--	ND	--	--	ND
Benzene		5	MCL	ND	--	--	ND
Cumene		--	--	ND	--	--	--
Ethylbenzene		700	MCL	ND	--	--	ND
m,p-Xylene		--	--	ND	--	--	ND

Summary of Chemistry Results

Zone C1

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

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				Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location Type: Medical Building Address: Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road		Location Type: Non-Residence Address: Building 1588, TORP RETRIEVER BOATHSE NSSC	
				C1-TW-0014739-24245-N	2024-09-06	C1-TW-0014745-24092-N-H-WQI	C1-TW-0014745-24092-N-WQI
				N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	ND	--	--	--
	n-Propylbenzene	--	--	ND	--	--	--
	o-Xylene	--	--	ND	--	--	ND
	sec-Butylbenzene	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	ND	--	--	--
	Toluene	1000	MCL	ND	--	--	ND
	Xylenes, Total	10000	MCL	ND	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	ND
	Bromoform	--	--	ND	--	--	1.10
	Chloroform	--	--	ND	--	--	ND
	Dibromochloromethane	--	--	ND	--	--	0.740
	Total Trihalomethanes	80	MCL	ND	--	--	1.84