

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
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Drinking Water Samples Collected in April 2024 - June 2024 from Child Development Centers in Zone C1

				C1-BLDG1655 Child Development Center Building 1655,CHILD CARE CENTER-NAVAL STATION CDC, 915 North Rd								
				Field Sample ID:	C1-TW-0014751-24092-N-1	C1-TW-0014751-24092-N-2	C1-TW-0014751-24122-N-1	C1-TW-0014751-24122-N-2	C1-TW-0014751-24153-N-1	C1-TW-0014751-24153-N-1-H	C1-TW-0014751-24153-N-2	C1-TW-0014751-24153-N-2-H
				Sample Date:	2024-04-12	2024-04-12	2024-05-03	2024-05-03	2024-06-05	2024-06-05	2024-06-05	2024-06-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	--	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	720	920	530	950	740	530	730	500	
Field Test (pH)	pH	--	--	7.35	7.37	7.21	7.23	7.34	7.33	7.36	7.35	
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.220	0.240	0.250	0.240	0.260	0.240	0.220	
Field Test (degrees Celcius)	Temperature	--	--	22.3	21.8	24.6	23.9	26.9	43.4	24.0	27.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.100	0.250	0.110	0.0670	0.290	2.17	0.0780	0.760	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	55000	52500	48800	53400	--	54100	--	
	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	13.1	13.3	18.1	15.1	14.3	--	11.8	--	
	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	--	

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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-0014751-24092-N-1	C1-TW-0014751-24092-N-2	C1-TW-0014751-24122-N-1	C1-TW-0014751-24122-N-2	C1-TW-0014751-24153-N-1	C1-TW-0014751-24153-N-1-H	C1-TW-0014751-24153-N-2	C1-TW-0014751-24153-N-2-H
				Sample Date:	2024-04-12	2024-04-12	2024-05-03	2024-05-03	2024-06-05	2024-06-05	2024-06-05	2024-06-05
				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	ND	ND	--	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	--	ND	--	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	ND	--	
	Bromoform	--	--	ND	ND	ND	ND	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	--	

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone C1

		Location ID: C1-HYD1183			C1-HYD1765			C1-HYD1769		
		Location Type: Hydrant			Hydrant			Hydrant		
		Address: FH ID: 512			FH ID: FH 503			FHID: 563		
		Field Sample ID: C1-DL-0000531-24092	C1-DL-0000531-24122	C1-DL-0000531-24153	C1-DL-0000526-24092	C1-DL-0000526-24122	C1-DL-0000526-24153	C1-DL-0017789-24092	C1-DL-0017789-24122	C1-DL-0017789-24153
		-N	-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-04-12	2024-05-08	2024-06-25	2024-04-16	2024-05-08	2024-06-25	2024-04-16	2024-05-08	2024-06-25
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	--	Absent	--
	E. coli	--	--	--	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	--	--	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	70.0	320	190	310	330	200	290
Field Test (pH)	pH	--	--	8.82	8.78	7.77	7.37	7.30	7.66	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.260	0.250	0.250	0.250	--
Field Test (degrees Celcius)	Temperature	--	--	27.3	29.1	28.0	25.8	27.8	28.5	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	0.940	0.440	0.0400	0.850	0.820	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	90000	66500	56800	55000	49600	50600	55000
	Total Organic Carbon	--	--	230	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)	Mercury	2	MCL	ND	--	--	--	--	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--

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		Location ID: C1-HYD1183			C1-HYD1765			C1-HYD1769		
		Location Type: Hydrant			Hydrant			Hydrant		
		Address: FH ID: 512			FH ID: FH 503			FHID: 563		
		Field Sample ID: C1-DL-0000531-24092	C1-DL-0000531-24122	C1-DL-0000531-24153	C1-DL-0000526-24092	C1-DL-0000526-24122	C1-DL-0000526-24153	C1-DL-0017789-24092	C1-DL-0017789-24122	
		-N	-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-04-12	2024-05-08	2024-06-25	2024-04-16	2024-05-08	2024-06-25	2024-04-16	2024-05-08	
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.40	1.40	1.50	ND	ND	0.370	0.490
	Bromoform	--	--	12.6	8.50	5.60	0.870	0.770	1.10	1.70
	Chloroform	--	--	0.610	0.700	0.380	ND	ND	ND	ND
	Dibromochloromethane	--	--	3.60	2.90	4.40	0.580	0.740	0.650	1.10
	Total Trihalomethanes	80	MCL	18.2	13.5	11.9	1.45	1.51	1.75	2.97

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone C1

		Location ID: C1-HYD1769		C1-HYD354					C1-HYD444		
		Hydrant		Hydrant					Hydrant		
		FHID: 563		FHID: 479					FHID: 413		
		Field Sample ID: C1-DL-0017789-24153	C1-DL-0017791-24092	C1-DL-0017791-24092	C1-DL-0017791-24122	C1-DL-0017791-24153	C1-DL-0017788-24092	C1-DL-0017788-24092	C1-DL-0017788-24122		
		-N	-N	-3-N	-N	-N	-N	-3-N	-N		
		Sample Date: 2024-06-25	2024-04-16	2024-04-16	2024-05-08	2024-06-25	2024-04-16	2024-04-16	2024-05-08		
		Sample Type: N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	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	--	--	
	E. coli	--	--	Absent	--	--	--	Absent	--	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	ND	--	--	
Field Test (ppb)	Free Chlorine	4000	MCL	180	380	--	400	470	430	500	
Field Test (pH)	pH	--	--	7.42	--	--	7.32	7.33	--	7.34	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	--	--	0.220	0.240	--	0.230	
Field Test (degrees Celcius)	Temperature	--	--	29.5	--	--	26.0	26.8	--	28.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.790	--	--	1.22	1.30	--	1.52	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52700	52500	55000	51200	52700	50000	55000	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	
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	0.0160	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	--	ND	--	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	--	--	--	ND	--	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	

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		Location ID: C1-HYD1769		Location ID: C1-HYD354					Location ID: C1-HYD444		
		Location Type: Hydrant		Location Type: Hydrant					Location Type: Hydrant		
		Address: FHID: 563		Address: FHID: 479					Address: FHID: 413		
		Field Sample ID: C1-DL-0017789-24153 -N		Field Sample ID: C1-DL-0017791-24092 -N	Field Sample ID: C1-DL-0017791-24092 -3-N	Field Sample ID: C1-DL-0017791-24122 -N	Field Sample ID: C1-DL-0017791-24153 -N	Field Sample ID: C1-DL-0017788-24092 -N	Field Sample ID: C1-DL-0017788-24092 -3-N	Field Sample ID: C1-DL-0017788-24122 -N	
		Sample Date: 2024-06-25		Sample Date: 2024-04-16	Sample Date: 2024-04-16	Sample Date: 2024-05-08	Sample Date: 2024-06-25	Sample Date: 2024-04-16	Sample Date: 2024-04-16	Sample Date: 2024-05-08	
		Sample Type: N (Normal)		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.540	ND	ND	ND	ND	ND	ND	0.260
	Bromoform	--	--	2.70	0.270	ND	ND	ND	ND	ND	0.870
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.50	ND	ND	ND	ND	ND	ND	0.810
	Total Trihalomethanes	80	MCL	4.74	0.270	ND	ND	ND	ND	ND	1.94

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C1-HYD444		C1-HYD817									
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:					
				Hydrant	FHID: 413	C1-DL-0017788-24153 -N	2024-06-25	N (Normal)	Hydrant	FHID: 530A	C1-DL-0017790-24122 -N	2024-05-08	N (Normal)	C1-DL-0017790-24153 -N	2024-06-25	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	Absent								
	E. coli	--	--	Absent	--	--	--	Absent								
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	ND								
Field Test (ppb)	Free Chlorine	4000	MCL	310	70.0	440	160									
Field Test (pH)	pH	--	--	7.27	8.19	7.36	7.32									
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.270	0.220	0.260									
Field Test (degrees Celcius)	Temperature	--	--	27.3	29.8	27.0	25.8									
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.140	0.730	0.0770	0.250									
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50600	55000	51800	51700									
	Total Organic Carbon	--	--	200	ND	ND	490									
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									
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									
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	ND									
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND									
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	--	--	ND									
	Benzene	5	MCL	ND	ND	ND	ND									

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		Location ID:		C1-HYD444		C1-HYD817	
		Location Type:		Hydrant		Hydrant	
		Address:		FHID: 413		FHID: 530A	
		Field Sample ID:		C1-DL-0017788-24153	C1-DL-0017790-24092	C1-DL-0017790-24122	C1-DL-0017790-24153
				-N	-N	-N	-N
		Sample Date:		2024-06-25	2024-04-29	2024-05-08	2024-06-25
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND
	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	--	--	0.310	0.740	ND	ND
	Bromoform	--	--	1.30	18.0	0.540	0.530
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.890	3.80	0.480	0.450
	Total Trihalomethanes	80	MCL	2.50	22.5	1.02	0.980

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 April 2024 - June 2024 from Other Buildings in Zone C1

				C1-BLDG0584 Medical Building Building 584,CAREER INFORMATION CENTER, 2367 North Rd				C1-BLDG1407 Medical Building Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd				
		Field Sample ID:	Sample Date:	Sample Type:	C1-TW-0014693-24092-N	C1-TW-0014693-24122-N	C1-TW-0014693-24153-N	C1-TW-0014693-24153-N-H	C1-TW-0014730-24092-N	C1-TW-0014730-24122-N	C1-TW-0014730-24153-3-N	C1-TW-0014730-24153-3-N-H
		DOH Project Screening Level	Basis of Project Screening Level		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte											
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	--	--	--	--	Absent	--
	E. coli	--	--	--	Absent	Absent	--	--	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	15.0	4.00	38.0	--	--	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	10.0	30.0	70.0	400	900	--	--	
Field Test (pH)	pH	--	--	8.19	8.24	8.28	8.23	7.33	7.43	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.240	0.240	0.240	0.220	0.240	--	--	
Field Test (degrees Celcius)	Temperature	--	--	23.6	23.9	23.6	31.6	23.1	23.5	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	0.200	0.230	0.580	0.110	0.0870	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	61700	67100	--	55000	43800	58700	--	
	Total Organic Carbon	--	--	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	5.90	5.40	4.00	--	47.6	50.3	47.8	--	
	Lead	15	MCL	ND	ND	ND	--	0.160	0.130	ND	--	
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	--

Summary of Chemistry Results
Zone C1
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Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone C1

				C1-BLDG0584				C1-BLDG1407				
				Medical Building				Medical Building				
				Building 584,CAREER INFORMATION CENTER, 2367 North Rd				Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd				
				Field Sample ID:	C1-TW-0014693-24092-N	C1-TW-0014693-24122-N	C1-TW-0014693-24153-N	C1-TW-0014693-24153-N-H	C1-TW-0014730-24092-N	C1-TW-0014730-24122-N	C1-TW-0014730-24153-3-N	C1-TW-0014730-24153-3-N-H
				Sample Date:	2024-04-19	2024-05-09	2024-06-05	2024-06-05	2024-04-12	2024-05-01	2024-06-28	2024-06-28
				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)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	ND	--	
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	--	
	Benzene	5	MCL	ND	ND	ND	--	ND	ND	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	ND	--	
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	--	
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	--	
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	ND	ND	--	
	Bromoform	--	--	2.00	1.20	1.30	--	1.20	ND	0.310	--	
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND	--	
	Dibromochloromethane	--	--	0.650	0.370	0.580	--	0.360	ND	ND	--	
	Total Trihalomethanes	80	MCL	2.65	1.57	1.88	--	1.56	ND	0.310	--	

**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 April 2024 - June 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	C1-BLDG1407 Medical Building Address: Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd		C1-BLDG1514 Medical Building Address: Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd				C1-BLDG1535 Medical Building Address: Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road	
				Field Sample ID: C1-TW-0014730-24153-N	Field Sample ID: C1-TW-0014730-24153-N-H	Field Sample ID: C1-TW-0014738-24092-N	Field Sample ID: C1-TW-0014738-24122-N	Field Sample ID: C1-TW-0014738-24122-3-N	Field Sample ID: C1-TW-0014738-24153-N	Field Sample ID: C1-TW-0014739-24092-N	Field Sample ID: C1-TW-0014739-24122-N
				Sample Date: 2024-06-28	Sample Date: 2024-06-28	Sample Date: 2024-04-12	Sample Date: 2024-05-03	Sample Date: 2024-05-03	Sample Date: 2024-06-06	Sample Date: 2024-04-16	Sample Date: 2024-05-03
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	--	Absent	--	--
	E. coli	--	--	Absent	--	--	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	--	ND	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	430	60.0	370	380	--	330	440	450
Field Test (pH)	pH	--	--	7.42	7.56	7.56	7.50	--	7.55	7.33	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.280	0.230	0.250	--	0.250	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	23.9	45.5	24.9	26.1	--	25.7	24.4	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.440	0.510	0.0770	0.250	--	0.480	0.0990	0.430
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	60200	--	57500	55000	52500	58800	55000	52500
	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	48.1	--	18.5	13.7	13.0	55.8	5.30	42.1
	Lead	15	MCL	ND	--	0.540	0.360	0.340	0.230	0.570	ND
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone C1

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

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Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone C1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	C1-BLDG1407 Medical Building Address: Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd		C1-BLDG1514 Medical Building Address: Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd				C1-BLDG1535 Medical Building Address: Building 1535, MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road	
				Field Sample ID: C1-TW-0014730-24153-N Sample Date: 2024-06-28 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014730-24153-N-H Sample Date: 2024-06-28 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014738-24092-N Sample Date: 2024-04-12 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014738-24122-N Sample Date: 2024-05-03 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014738-24122-3-N Sample Date: 2024-05-03 Sample Type: FD (Field Duplicate)	Field Sample ID: C1-TW-0014738-24153-N Sample Date: 2024-06-06 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014739-24092-N Sample Date: 2024-04-16 Sample Type: N (Normal)	Field Sample ID: C1-TW-0014739-24122-N Sample Date: 2024-05-03 Sample Type: N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	--	0.0360	ND	ND	0.0190	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	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	--	1.60	1.00	1.00	1.10	ND	ND
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	0.510	0.360	0.350	0.470	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	2.11	1.36	1.35	1.57	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 April 2024 - June 2024 from Other Buildings in Zone C1

				C1-BLDG1535 Medical Building Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road				
				Field Sample ID:	C1-TW-0014739-24153-N	C1-TW-0014739-24153-3-N	C1-TW-0014739-24153-N-H	C1-TW-0014739-24153-3-N-H
				Sample Date:	2024-06-05	2024-06-05	2024-06-05	2024-06-05
				Sample Type:	N (Normal)	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	--	--	
	E. coli	--	--	Absent	Absent	--	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	400	--	40.0	40.0	
Field Test (pH)	pH	--	--	7.36	--	7.97	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.210	--	0.260	--	
Field Test (degrees Celcius)	Temperature	--	--	25.9	--	31.4	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	--	0.0620	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52800	51000	--	--	
	Total Organic Carbon	--	--	ND	ND	--	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	--	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	--	
Metals (ppb)	Copper	1300	MCL	56.9	56.2	--	--	
	Lead	15	MCL	ND	ND	--	--	
	Mercury	2	MCL	ND	ND	--	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	--	
	2-Methylnaphthalene	--	--	ND	ND	--	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	--	

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Drinking Water Samples Collected in April 2024 - June 2024 from Other Buildings in Zone C1

				Location ID: C1-BLDG1535				
				Location Type: Medical Building				
				Address: Building 1535,MEDICAL CLINIC/SARP-PEARL HARBOR, B1535 North Road				
				Field Sample ID:	C1-TW-0014739-24153-N	C1-TW-0014739-24153-3-N	C1-TW-0014739-24153-N-H	C1-TW-0014739-24153-3-N-H
				Sample Date:	2024-06-05	2024-06-05	2024-06-05	2024-06-05
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	ND	--	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	--	
	Benzene	5	MCL	ND	ND	--	--	
	Ethylbenzene	700	MCL	ND	ND	--	--	
	m,p-Xylene	--	--	ND	ND	--	--	
	o-Xylene	--	--	ND	ND	--	--	
	Toluene	1000	MCL	ND	ND	--	--	
	Xylenes, Total	10000	MCL	ND	ND	--	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	--	
	Bromoform	--	--	ND	ND	--	--	
	Chloroform	--	--	ND	ND	--	--	
	Dibromochloromethane	--	--	ND	ND	--	--	
	Total Trihalomethanes	80	MCL	ND	ND	--	--	