

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 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-0014751-24092-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)					
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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				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)					
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-0017789-24122
		-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	2024-05-08
		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						
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND						
	Petroleum Hydrocarbons (as Oil)	--	--	ND						
	Petroleum Hydrocarbons, Total	--	--	ND						
Metals (ppb)	Mercury	2	MCL	ND	--	--	--	--	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND						
	2-Methylnaphthalene	--	--	ND						
	Benzo(a)pyrene	0.2	MCL	ND						
	Naphthalene	--	--	ND						
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND						
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	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		
		Location Type: Hydrant		Hydrant					Hydrant		
		Address: 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		Field Sample ID: C1-DL-0017791-24092		Field Sample ID: C1-DL-0017791-24092		Field Sample ID: C1-DL-0017791-24122		Field Sample ID: C1-DL-0017791-24153		Field Sample ID: C1-DL-0017788-24092		Field Sample ID: C1-DL-0017788-24092		Field Sample ID: C1-DL-0017788-24122	
		-N		-N		-3-N		-N		-N		-N		-3-N		-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	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.540	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.260	0.260
	Bromoform	--	--	2.70	0.270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.870	0.870
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.810	0.810
	Total Trihalomethanes	80	MCL	4.74	0.270	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.94	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:
				Hydrant	FHID: 413		Hydrant FHID: 530A	
				C1-DL-0017788-24153 -N	C1-DL-0017790-24092 -N	C1-DL-0017790-24122 -N	C1-DL-0017790-24153 -N	
				2024-06-25	2024-04-29	2024-05-08	2024-06-25	
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	
	E. coli	--	--	Absent	--	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	ND	
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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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-BLDG0683 Non-Residence Building 683,DIVING/PERISCOPE SHOP, B667 Waterfront St			C1-BLDG1407 Medical Building Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd	
		Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
		C1-TW-0014693-24092-N	2024-04-19	N (Normal)	C1-TW-0014693-24122-N	2024-05-09	N (Normal)	C1-TW-0014693-24153-N	2024-06-05	N (Normal)
		C1-TW-0014693-24153-N-H	2024-06-05	N (Normal)	C1-TW-0014657-24092-N-C-WQI	2024-04-17	N (Normal)	C1-TW-0014657-24092-N-H-WQI	2024-04-17	N (Normal)
		C1-TW-0014657-24092-N-WQI	2024-04-17	N (Normal)	C1-TW-0014730-24092-N	2024-04-12	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	--	--	--	15.0	4.00	38.0	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	10.0	30.0	70.0	210	210	140
Field Test (pH)	pH	--	--	8.19	8.24	8.28	8.23	7.37	7.38	7.42
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.240	0.240	0.240	0.240	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	23.6	23.9	23.6	31.6	25.8	44.1	25.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	0.200	0.230	0.580	0.360	0.490	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	61700	67100	--	--	--	52500
	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	5.90	5.40	4.00	--	--	--	7.00
	Lead	15	MCL	ND	ND	ND	--	--	--	0.160
	Mercury	2	MCL	ND	ND	ND	--	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	--	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	--	--	ND

Summary of Chemistry Results

Zone C1

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

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
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-- = No Information Available
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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-BLDG0683 Non-Residence Building 683,DIVING/PERISCOPE SHOP, B667 Waterfront St			C1-BLDG1407 Medical Building Building 1407,MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd	
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	ND
	Benzene	5	MCL	ND	ND	ND	--	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	--	--	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	--	--	ND	ND
	o-Xylene	--	--	ND	ND	ND	--	--	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	--	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	--	ND	ND
	Bromoform	--	--	2.00	1.20	1.30	--	--	1.50	1.20
	Chloroform	--	--	ND	ND	ND	--	--	ND	ND
	Dibromochloromethane	--	--	0.650	0.370	0.580	--	--	0.600	0.360
	Total Trihalomethanes	80	MCL	2.65	1.57	1.88	--	--	2.10	1.56

**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-BLDG1407 Medical Building Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd					C1-BLDG1514 Medical Building Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd		
		Field Sample ID:		C1-TW-0014730-24122-N	C1-TW-0014730-24153-N	C1-TW-0014730-24153-N-H	C1-TW-0014730-24153-3-N	C1-TW-0014730-24153-3-N-H	C1-TW-0014738-24092-N	C1-TW-0014738-24122-N	C1-TW-0014738-24122-3-N
		Sample Date:		2024-05-01	2024-06-28	2024-06-28	2024-06-28	2024-06-28	2024-04-12	2024-05-03	2024-05-03
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	--	--	--	--
	E. coli	--	--	--	Absent	--	Absent	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	ND	ND	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	900	430	60.0	--	--	370	380	--
Field Test (pH)	pH	--	--	7.43	7.42	7.56	--	--	7.56	7.50	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.280	--	--	0.230	0.250	--
Field Test (degrees Celcius)	Temperature	--	--	23.5	23.9	45.5	--	--	24.9	26.1	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0870	0.440	0.510	--	--	0.0770	0.250	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	43800	60200	--	58700	--	57500	55000	52500
	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	50.3	48.1	--	47.8	--	18.5	13.7	13.0
	Lead	15	MCL	0.130	ND	--	ND	--	0.540	0.360	0.340
	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 April 2024 - June 2024 from Other Buildings in Zone C1

				C1-BLDG1407 Medical Building Building 1407, MAKALAPA MEDICAL/DENTAL CLINIC-PEARL HARBOR, 1253 Makalapa Rd					C1-BLDG1514 Medical Building Building 1514, SMART CLINIC/NAVY RELIEF-PEARL HARBOR, 1514 Makalapa Rd			
				Field Sample ID:	C1-TW-0014730-24122-N	C1-TW-0014730-24153-N	C1-TW-0014730-24153-N-H	C1-TW-0014730-24153-3-N	C1-TW-0014730-24153-3-N-H	C1-TW-0014738-24092-N	C1-TW-0014738-24122-N	C1-TW-0014738-24122-3-N
				Sample Date:	2024-05-01	2024-06-28	2024-06-28	2024-06-28	2024-06-28	2024-04-12	2024-05-03	2024-05-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	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	--	0.0360	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	--	0.310	--	1.60	1.00	1.00	
	Chloroform	--	--	ND	ND	--	ND	--	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	--	ND	--	0.510	0.360	0.350	
	Total Trihalomethanes	80	MCL	ND	ND	--	0.310	--	2.11	1.36	1.35	

**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	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-0014739-24092-N	C1-TW-0014739-24122-N	C1-TW-0014739-24153-N	C1-TW-0014739-24153-N-H	C1-TW-0014739-24153-3-N	C1-TW-0014739-24153-3-N-H
				Sample Date:	2024-06-06	2024-04-16	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)	FD (Field Duplicate)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	330	440	450	400	40.0	--	--	
Field Test (pH)	pH	--	--	7.55	7.33	7.30	7.36	7.97	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.240	0.210	0.260	--	--	
Field Test (degrees Celcius)	Temperature	--	--	25.7	24.4	26.1	25.9	31.4	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.480	0.0990	0.430	0.180	0.0620	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58800	55000	52500	52800	--	51000	--	
	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	55.8	5.30	42.1	56.9	--	56.2	--	
	Lead	15	MCL	0.230	0.570	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	--	
	Benzo(a)pyrene	0.2	MCL	0.0190	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	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-0014739-24092-N	C1-TW-0014739-24122-N	C1-TW-0014739-24153-N	C1-TW-0014739-24153-N-H	C1-TW-0014739-24153-3-N	C1-TW-0014739-24153-3-N-H
				Sample Date:	2024-06-06	2024-04-16	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)	FD (Field Duplicate)	FD (Field Duplicate)
Synthetic Organic Compounds (ppb)	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	--	--	1.10	ND	ND	ND	ND	--	ND	--
	Chloroform	--	--	ND	ND	ND	ND	ND	--	ND	--
	Dibromochloromethane	--	--	0.470	ND	ND	ND	ND	--	ND	--
	Total Trihalomethanes	80	MCL	1.57	ND	ND	ND	ND	--	ND	--