

Summary of Chemistry Results

Zone C2

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 October 2024 - December 2024 from Residences in Zone C2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HALE4519		C2-MARI0204B	
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				C2-HALE4509 Residence 4509 Hale Alii Avenue	4519 Hale Alii Avenue		204B Marine Barracks Way	
				C2-TW-0015739-24092-N	C2-TW-0012435-24092-N	C2-TW-0012435-24092-N-H	C2-TW-0015761-24092-N	C2-TW-0015761-24092-N-H
				2024-11-12	2024-10-09	2024-10-09	2024-10-09	2024-10-09
				N (Normal)	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	2.00	9.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	620	660	550	640	520
Field Test (pH)	pH	--	--	7.30	7.23	7.33	7.29	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.280	0.270
Field Test (degrees Celcius)	Temperature	--	--	24.8	27.8	41.2	25.6	32.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.700	0.560	0.00	0.160
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56300	56400	--	56100	--
	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	28.5	47.7	--	6.10	--
	Lead	15	MCL	ND	ND	--	ND	--
	Mercury	2	MCL	ND	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--
	Acenaphthylene	--	--	ND	ND	--	ND	--
	Anthracene	--	--	ND	ND	--	ND	--

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Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone C2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HALE4519		C2-MARI0204B	
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				C2-HALE4509 Residence 4509 Hale Alii Avenue	C2-HALE4519 Residence 4519 Hale Alii Avenue		C2-MARI0204B Residence 204B Marine Barracks Way	
				C2-TW-0015739-24092-N	C2-TW-0012435-24092-N	C2-TW-0012435-24092-N-H	C2-TW-0015761-24092-N	C2-TW-0015761-24092-N-H
				2024-11-12	2024-10-09	2024-10-09	2024-10-09	2024-10-09
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	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	--
	Phenanthrene	--	--	ND	ND	--	ND	--
	Pyrene	--	--	ND	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--
	Benzene	5	MCL	ND	ND	--	ND	--
	Cumene	--	--	ND	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	ND	--	ND	--
	m,p-Xylene	--	--	ND	ND	--	ND	--
	n-Butylbenzene	--	--	ND	ND	--	ND	--
	n-Propylbenzene	--	--	ND	ND	--	ND	--
	o-Xylene	--	--	ND	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	ND	--	ND	--

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				Location ID: C2-HALE4509	C2-HALE4519		C2-MARI0204B	
				Residence	Residence		Residence	
				4509 Hale Alii Avenue	4519 Hale Alii Avenue		204B Marine Barracks Way	
				Field Sample ID: C2-TW-0015739-24092-N	C2-TW-0012435-24092-N	C2-TW-0012435-24092-N-H	C2-TW-0015761-24092-N	C2-TW-0015761-24092-N-H
				Sample Date: 2024-11-12	2024-10-09	2024-10-09	2024-10-09	2024-10-09
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	ND	ND	--	ND	--
	Toluene	1000	MCL	ND	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--
	Bromoform	--	--	0.400	0.310	--	ND	--
	Chloroform	--	--	ND	ND	--	ND	--
	Dibromochloromethane	--	--	0.410	0.280	--	ND	--
	Total Trihalomethanes	80	MCL	0.810	0.590	--	ND	--

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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone C2

		Location ID: C2-HYD1230			C2-HYD2089			C2-HYD421			
		Location Type: Hydrant			Hydrant			Hydrant			
		Address: C2-FH209B			C2-FH204			C2-FH246			
		Field Sample ID: C2-DL-0017792-24275	C2-DL-0017792-24306	C2-DL-0017792-24336	C2-DL-0017795-24275	C2-DL-0017795-24306	C2-DL-0017795-24336	C2-DL-0017796-24275	C2-DL-0017796-24306		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	10.0	--	--	3.00	--	--	14.0	--
Field Test (ppb)	Free Chlorine	4000	MCL	820	590	400	70.0	70.0	80.0	690	280
Field Test (pH)	pH	--	--	7.40	7.34	7.18	8.20	8.48	8.02	7.35	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.270	0.280	0.260	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	30.3	26.3	28.1	28.0	27.4	26.8	26.0	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.760	0.00	1.09	0.280	0.00	1.57	1.10	0.220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56800	56300	65600	72900	69200	82800	56800	55700
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Anthracene	--	--	ND	ND	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	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

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		Location ID: C2-HYD1230			C2-HYD2089			C2-HYD421		
		Location Type: Hydrant			Hydrant			Hydrant		
		Address: C2-FH209B			C2-FH204			C2-FH246		
		Field Sample ID: C2-DL-0017792-24275	C2-DL-0017792-24306	C2-DL-0017792-24336	C2-DL-0017795-24275	C2-DL-0017795-24306	C2-DL-0017795-24336	C2-DL-0017796-24275	C2-DL-0017796-24306	
		-N	-N	-N	-N	-N	-N	-N	-N	
		Sample Date: 2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12	
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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	
	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	
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	ND	--	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	--	--	ND	--	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	
	Cumene	--	--	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	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	
	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	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	0.390	0.680	6.90	13.4	9.00	

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		Location ID:	C2-HYD421	C2-HYD424				C2-HYD650		C2-HYD656	
		Location Type:	Hydrant	Hydrant				Hydrant		Hydrant	
		Address:	C2-FH246	FH ID: 315				Hydrant 268		Hydrant 301	
		Field Sample ID:	C2-DL-0017796-24336	C2-DL-0000534-24275	C2-DL-0000534-24306	C2-DL-0000534-24336	C2-DL-0017794-24275	C2-DL-0017794-24306	C2-DL-0017794-24336	C2-DL-0017793-24275	
		Sample Date:	-N	-N	-N	-N	-N	-N	-N	-N	
		Sample Type:	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09	
			N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	Absent	--	--	Absent
	E. coli	--	--	--	Absent	--	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	7.00	--	--	4.00	--	--	5.00
Field Test (ppb)	Free Chlorine	4000	MCL	590	650	420	580	50.0	350	600	30.0
Field Test (pH)	pH	--	--	7.08	7.24	7.31	7.22	7.36	7.30	7.23	7.60
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.250	0.250	0.310	0.260	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.2	26.5	24.8	25.7	25.0	25.1	25.3	29.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.01	2.89	0.00	0.00	1.00	0.150	0.00	0.670
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	65300	58000	58300	69800	58300	56100	63300	59300
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	200	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						
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND						
	2-Methylnaphthalene	--	--	ND	ND						
	Acenaphthylene	--	--	ND	ND						
	Anthracene	--	--	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Benzo(b)fluoranthene	--	--	ND	ND						
	Benzo(g,h,i)perylene	--	--	ND	ND						
	Benzo(k)fluoranthene	--	--	ND	ND						
Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

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		Location ID:	C2-HYD421	C2-HYD424				C2-HYD650		C2-HYD656
		Location Type:	Hydrant	Hydrant				Hydrant		Hydrant
		Address:	C2-FH246	FH ID: 315				Hydrant 268		Hydrant 301
		Field Sample ID:	C2-DL-0017796-24336	C2-DL-0000534-24275	C2-DL-0000534-24306	C2-DL-0000534-24336	C2-DL-0017794-24275	C2-DL-0017794-24306	C2-DL-0017794-24336	C2-DL-0017793-24275
		Sample Date:	-N	-N	-N	-N	-N	-N	-N	-N
		Sample Type:	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20	2024-10-09
			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						
	Fluorene	--	--	ND						
	Indeno(1,2,3-c,d)pyrene	--	--	ND						
	Naphthalene	--	--	ND						
	Phenanthrene	--	--	ND						
	Pyrene	--	--	ND						
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND						
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND						
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	--	ND
	Benzene	5	MCL	ND						
	Cumene	--	--	ND						
	Ethylbenzene	700	MCL	ND						
	m,p-Xylene	--	--	ND						
	n-Butylbenzene	--	--	ND						
	n-Propylbenzene	--	--	ND						
	o-Xylene	--	--	ND						
	sec-Butylbenzene	--	--	ND						
	tert-Butylbenzene	--	--	ND						
	Toluene	1000	MCL	ND						
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND						
	Bromoform	--	--	ND	ND	0.430	ND	ND	ND	0.740

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	C2-HYD424				C2-HYD650			C2-HYD656																						
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																	
				C2-HYD421	Hydrant	C2-FH246	C2-DL-0017796-24336	2024-12-20	N (Normal)	C2-HYD424	Hydrant	FH ID: 315	C2-DL-0000534-24275	2024-10-09	N (Normal)	C2-DL-0000534-24306	2024-11-12	N (Normal)	C2-DL-0000534-24336	2024-12-20	N (Normal)	C2-DL-0017794-24275	2024-10-09	N (Normal)	C2-DL-0017794-24306	2024-11-12	N (Normal)	C2-DL-0017794-24336	2024-12-20	N (Normal)	C2-DL-0017793-24275	2024-10-09	N (Normal)	
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.360	0.250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	ND	0.790	0.250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone C2

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

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§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone C2

		Location ID: C2-HYD656			C2-HYD660				
		Location Type: Hydrant			Hydrant				
		Address: Hydrant 301			Hydrant 303				
		Field Sample ID: C2-DL-0017793-24306	C2-DL-0017793-24306	C2-DL-0017793-24336	C2-DL-0017797-24275	C2-DL-0017797-24306	C2-DL-0017797-24336		
		-N	-3-N	-N	-N	-N	-N		
		Sample Date: 2024-11-12	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20		
		Sample Type: N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	--	
	E. coli	--	--	--	--	Absent	--	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	4.00	--	--	
Field Test (ppb)	Free Chlorine	4000	MCL	140	--	120	510	310	170
Field Test (pH)	pH	--	--	7.36	--	7.49	7.20	7.32	6.94
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	--	0.260	0.270	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	26.7	--	27.9	26.4	25.8	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.01	--	0.00	1.50	0.940	1.08
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54900	60900	67900	56700	55700	66000
	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
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	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
	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 C2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone C2

		Location ID: C2-HYD656			C2-HYD660			
		Location Type: Hydrant			Hydrant			
		Address: Hydrant 301			Hydrant 303			
		Field Sample ID: C2-DL-0017793-24306	C2-DL-0017793-24306	C2-DL-0017793-24336	C2-DL-0017797-24275	C2-DL-0017797-24306	C2-DL-0017797-24336	
		-N	-3-N	-N	-N	-N	-N	
		Sample Date: 2024-11-12	2024-11-12	2024-12-20	2024-10-09	2024-11-12	2024-12-20	
		Sample Type: N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	0.790	0.800	0.520	ND	ND

Summary of Chemistry Results

Zone C2

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone C2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	C2-HYD656			C2-HYD660														
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type												
				C2-DL-0017793-24306 -N	2024-11-12	N (Normal)	C2-DL-0017793-24306 -3-N	2024-11-12	FD (Field Duplicate)	C2-DL-0017793-24336 -N	2024-12-20	N (Normal)	C2-DL-0017797-24275 -N	2024-10-09	N (Normal)	C2-DL-0017797-24306 -N	2024-11-12	N (Normal)	C2-DL-0017797-24336 -N	2024-12-20	N (Normal)
				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				0.250	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
				1.04	0.800	0.520	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone C2

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

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

Drinking Water Samples Collected in October 2024 - December 2024 from Other Buildings in Zone C2

		Location ID:		C2-BLDG1750				
		Location Type:		Medical Building				
		Address:		Building 1750,SHIPYARD MEDICAL CLINIC-PEARL HARBOR, 490 Central Ave				
		Field Sample ID:		C2-TW-0014833-24275-N	C2-TW-0014833-24275-N-H	C2-TW-0014833-24306-N	C2-TW-0014833-24306-3-N	C2-TW-0014833-24336-N
		Sample Date:		2024-10-28	2024-10-28	2024-11-05	2024-11-05	2024-12-03
		Sample Type:		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	--	--	--	--
	E. coli	--	--	Absent	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	9.00	5.00	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	1370	1420	1150	--	710
Field Test (pH)	pH	--	--	7.24	7.26	7.25	--	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.280	0.320	--	0.270
Field Test (degrees Celcius)	Temperature	--	--	25.8	24.4	23.1	--	22.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0300	0.00	0.00	--	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56800	--	60500	58400	57700
	Total Organic Carbon	--	--	ND	--	ND	210	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	47.4	--	55.6	54.7	69.6
	Lead	15	MCL	ND	--	ND	ND	ND
	Mercury	2	MCL	ND	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND

Summary of Chemistry Results

Zone C2

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

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in October 2024 - December 2024 from Other Buildings in Zone C2

				Location ID: C2-BLDG1750 Location Type: Medical Building Address: Building 1750,SHIPYARD MEDICAL CLINIC-PEARL HARBOR, 490 Central Ave					
				Field Sample ID:	C2-TW-0014833-24275-N	C2-TW-0014833-24275-N-H	C2-TW-0014833-24306-N	C2-TW-0014833-24306-3-N	C2-TW-0014833-24336-N
				Sample Date:	2024-10-28	2024-10-28	2024-11-05	2024-11-05	2024-12-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	ND	--	ND	ND	ND	ND
	Anthracene	--	--	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	--	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	ND	ND	ND
	Chrysene	--	--	ND	--	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	ND	ND	ND
	Fluorene	--	--	ND	--	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	ND	ND	ND
	Pyrene	--	--	ND	--	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	ND	ND	ND
	Cumene	--	--	ND	--	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND

Summary of Chemistry Results

Zone C2

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				Location ID: C2-BLDG1750 Location Type: Medical Building Address: Building 1750,SHIPYARD MEDICAL CLINIC-PEARL HARBOR, 490 Central Ave					
				Field Sample ID:	C2-TW-0014833-24275-N	C2-TW-0014833-24275-N-H	C2-TW-0014833-24306-N	C2-TW-0014833-24306-3-N	C2-TW-0014833-24336-N
				Sample Date:	2024-10-28	2024-10-28	2024-11-05	2024-11-05	2024-12-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	ND	--	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	--	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND
	Bromoform	--	--	ND	--	ND	ND	ND	ND
	Chloroform	--	--	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.360	--	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.360	--	ND	ND	ND	ND