

Summary of Chemistry Results
Zone C3
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 April 2024 - June 2024 from Hydrants in Zone C3

		Location ID: C3-HYD1026				Location ID: C3-HYD2298				
		Location Type: Hydrant				Location Type: Hydrant				
		Address: FH ID: 230				Address: FH ID: 177				
		Field Sample ID: C3-DL-0000538-24092	Field Sample ID: C3-DL-0000538-24122	Field Sample ID: C3-DL-0000538-24153	Field Sample ID: C3-DL-0000538-24153	Field Sample ID: C3-DL-0017798-24092	Field Sample ID: C3-DL-0017798-24122	Field Sample ID: C3-DL-0017798-24153	Field Sample ID: C3-DL-0017798-24153	
		-N	-N	-N	-3-N	-N	-N	-N	-N	
		Sample Date: 2024-04-29	Sample Date: 2024-05-08	Sample Date: 2024-06-19	Sample Date: 2024-06-19	Sample Date: 2024-04-29	Sample Date: 2024-05-08	Sample Date: 2024-06-19	Sample Date: 2024-06-19	
		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							
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	Absent	--	--	Absent
	E. coli	--	--	--	--	Absent	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND	--	--	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	100	190	420	--	180	440	80.0
Field Test (pH)	pH	--	--	7.38	7.37	7.35	--	7.39	7.39	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.220	--	0.250	0.230	0.230
Field Test (degrees Celcius)	Temperature	--	--	26.5	27.1	25.9	--	27.4	27.2	29.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.01	29.3	0.590	--	0.730	0.0620	1.03
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	52700	61100	59100	50000	51700	64700
	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	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	--	--	ND
	1,3,5-Trimethylbenzene	--	--	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

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		Hydrant				Hydrant				
		FH ID: 230				FH ID: 177				
		C3-DL-0000538-24092	C3-DL-0000538-24122	C3-DL-0000538-24153	C3-DL-0000538-24153	C3-DL-0017798-24092	C3-DL-0017798-24122	C3-DL-0017798-24153		
		-N	-N	-N	-3-N	-N	-N	-N		
		2024-04-29	2024-05-08	2024-06-19	2024-06-19	2024-04-29	2024-05-08	2024-06-19		
		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	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	--	--	0.300	ND	ND	ND	ND	ND	0.480
	Bromoform	--	--	1.40	0.730	ND	ND	1.10	0.600	3.90
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.680	0.390	ND	ND	0.600	0.450	1.50
	Total Trihalomethanes	80	MCL	2.38	1.12	ND	ND	1.70	1.05	5.88