

Summary of Chemistry Results

Zone G1

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in January 2025 - March 2025 from Residences in Zone G1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
				Location ID: G1-BAUG2173 Location Type: Residence Address: 2173 Baugh Road Field Sample ID: G1-TW-0009365-24092-N Sample Date: 2025-01-16 Sample Type: N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	430
Field Test (pH)	pH	--	--	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.270
Field Test (degrees Celcius)	Temperature	--	--	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.620
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51600
	Total Organic Carbon	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND
Metals (ppb)	Copper	1300	MCL	15.9
	Lead	15	MCL	0.220
	Mercury	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND
	2-Methylnaphthalene	--	--	ND
	Acenaphthylene	--	--	ND
	Anthracene	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Benzo(b)fluoranthene	--	--	ND
	Benzo(g,h,i)perylene	--	--	ND
	Benzo(k)fluoranthene	--	--	ND
	Chrysene	--	--	ND

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Drinking Water Samples Collected in January 2025 - March 2025 from Residences in Zone G1

			Location ID:	G1-BAUG2173
			Location Type:	Residence
			Address:	2173 Baugh Road
			Field Sample ID:	G1-TW-0009365-24092-N
			Sample Date:	2025-01-16
			Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Trihalomethanes (ppb)	Total Trihalomethanes	80	MCL	2.53

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Drinking Water Samples Collected in January 2025 - March 2025 from Hydrants in Zone G1

				Location ID: G1-HYD879		
				Location Type: Hydrant		
				Address: FH ID: 3		
				Field Sample ID: G1-DL-0000616-25001-N	G1-DL-0000616-25032-N	G1-DL-0000616-25060-N
				Sample Date: 2025-01-16	2025-02-24	2025-03-26
				Sample Type: N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Field Test (ppb)	Free Chlorine	4000	MCL	450	280	360
Field Test (pH)	pH	--	--	7.28	7.26	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.1	24.4	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.500	0.160	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53000	53700	57100
	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	ND
	Anthracene	--	--	ND	ND	ND
	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

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		Location Type: Hydrant				
		Address: FH ID: 3				
		Field Sample ID: G1-DL-0000616-25001-N	G1-DL-0000616-25032-N	G1-DL-0000616-25060-N		
		Sample Date: 2025-01-16	2025-02-24	2025-03-26		
		Sample Type: N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND
	Pyrene	--	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	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
	tert-Butylbenzene	--	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.330	0.330
	Bromoform	--	--	1.10	3.20	2.80
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	0.620	1.20	1.30
	Total Trihalomethanes	80	MCL	1.72	4.73	4.43