

Summary of Chemistry Results

Zone D4

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 Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2025 - March 2026 from Hydrants in Zone D4

		Location ID:	D4-HYD2388	D4-HYD2391	
		Location Type:	Hydrant	Hydrant	
		Address:	Behind fence, 569 written on hydrant (Building 3428H, 386 Mamala Bay Drive)	Behind fence, 568 written on hydrant (Building 3428H, 386 Mamala Bay Drive)	
		Field Sample ID:	D4-DL-0018408-24092 -N	D4-DL-0018407-24092 -N	
		Sample Date:	2025-07-09	2025-07-09	
		Sample Type:	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	--	--	4.00	5.00
Field Test (ppb)	Free Chlorine	4000	MCL	600	420
Field Test (pH)	pH	--	--	7.22	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230
Field Test (degrees Celcuis)	Temperature	--	--	29.1	28.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.790	0.860

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Drinking Water Samples Collected in April 2025 - March 2026 from Other Buildings in Zone D4

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D4-BLDG062A		Location ID: D4-BLDG3428H	
				Location Type: Non-Residence		Location Type: Non-Residence	
				Address: Building 62A,MDSU-1 WORKSHOP/OFFICES-BISHOPS PT		Address: Building 3428H,F-22 SQUAD OPS/AMN HANGAR, 386 Mamala Bay Dr	
				Field Sample ID: D4-TW-0015613-25305-N-WQI	Field Sample ID: D4-TW-0015613-25305-N-1-WQI	Field Sample ID: D4-TW-0015720-24092-N-1-WQI	Field Sample ID: D4-TW-0015720-24092-N-1-WQI-R1
				Sample Date: 2025-12-18	Sample Date: 2025-12-18	Sample Date: 2025-06-25	Sample Date: 2025-07-09
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Present	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	ND	182	248
Field Test (ppb)	Free Chlorine	4000	MCL	580	90.0	790	710
Field Test (pH)	pH	--	--	7.32	7.45	7.40	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.239	0.236	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.7	25.2	25.0	29.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.188	0.525	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54300	53400	60200	--
	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)	Arsenic	10	MCL	ND	ND	--	--
	Copper	1300	MCL	58.9	72.5	20.7	--
	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 April 2025 - March 2026 from Other Buildings in Zone D4

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D4-BLDG062A		Location ID: D4-BLDG3428H	
				Location Type: Non-Residence	Location Type: Non-Residence	Field Sample ID: D4-TW-0015613-25305-N-WQI	Field Sample ID: D4-TW-0015720-24092-N-1-WQI
				Address: Building 62A,MDSU-1 WORKSHOP/OFFICES-BISHOPS PT	Address: Building 3428H,F-22 SQUAD OPS/AMN HANGAR, 386 Mamala Bay Dr		
				Sample Date: 2025-12-18	Sample Date: 2025-12-18	Sample Date: 2025-06-25	Sample Date: 2025-07-09
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: 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	--
	Ethylbenzene	700	MCL	ND	ND	ND	--
	Isopropylbenzene (Cumene)	--	--	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	--

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				Location Type: Non-Residence		Location Type: Non-Residence	
				Address: Building 62A,MDSU-1 WORKSHOP/OFFICES-BISHOPS PT		Address: Building 3428H,F-22 SQUAD OPS/AMN HANGAR, 386 Mamala Bay Dr	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				D4-TW-0015613-25305-N-WQI	D4-TW-0015613-25305-N-1-WQI	D4-TW-0015720-24092-N-1-WQI	D4-TW-0015720-24092-N-1-WQI-R1
				Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2025-12-18	2025-12-18	2025-06-25	2025-07-09
				Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Toluene	1000	MCL	ND	ND	ND	--
	Xylenes, Total	10000	MCL	ND	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--
	Bromoform	--	--	0.490	ND	0.460	--
	Chloroform	--	--	ND	ND	ND	--
	Dibromochloromethane	--	--	0.400	ND	0.350	--
	Total Trihalomethanes	80	MCL	0.890	ND	0.810	--