

Summary of Chemistry Results
Multiple Zones
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)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample

Drinking Water Samples Collected in April 2025 - June 2025 from Residences in Zone F1

		Location ID:	F1-KIDD4931	F1-TAYL3481	
		Location Type:	Residence	Residence	
		Address:	4931 Kidd Court	3481 Taylor Street	
		Field Sample ID:	F1-TW-0008806-25091-N	F1-TW-0008575-25091-N	
		Sample Date:	2025-04-01	2025-04-03	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Field Test (ppb)	Free Chlorine	4000	MCL	590	590
Field Test (pH)	pH	--	--	7.14	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	27.1	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	56600
	Total Organic Carbon	--	--	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
Metals (ppb)	Copper	1300	MCL	46.9	50.5
	Lead	15	MCL	0.160	ND
	Mercury	2	MCL	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
Dibenz(a,h)anthracene	--	--	ND	ND	

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		Sample Type:	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Synthetic Organic Compounds (ppb)	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
	1,3,5-Trimethylbenzene	--	--	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
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	ND
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	ND

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Drinking Water Samples Collected in April 2025 - June 2025 from Hydrants in Zone F1

		Location ID:	F1-HYD037A	F1-HYD1064	F1-HYD1065	F1-HYD1961	F1-HYD1962	F1-HYD1963	F1-HYD1964	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH ID: FH:37A	Physical Number: 37	Physical Number: 38	Physical Number: 35B	Physical Number: 35A	FH ID: FH-36A	Physical Number: 36	
		Field Sample ID:	F1-DL-0017724-25091 -N	F1-DL-0018404-25091 -N	F1-DL-0018405-25091 -N	F1-DL-0018406-25091 -N	F1-DL-0018403-25091 -N	F1-DL-0000593-25091 -N	F1-DL-0018402-25091 -N	
		Sample Date:	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24	
		Sample Type:	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	F1-HYD037A	F1-HYD1064	F1-HYD1065	F1-HYD1961	F1-HYD1962	F1-HYD1963	F1-HYD1964
Field Test (ppb)	Free Chlorine	4000	MCL	130	370	530	530	520	210	480
Field Test (pH)	pH	--	--	7.33	7.28	7.20	7.38	7.22	7.23	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	0.240	0.280	0.250	0.260	0.310
Field Test (degrees Celcius)	Temperature	--	--	30.9	28.3	31.3	27.7	27.7	29.5	29.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.86	1.18	0.440	0.750	0.480	2.77	0.570
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58400	60500	60600	59000	57600	57100	58500
	Total Organic Carbon	--	--	ND	210	280	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
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Anthracene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	ND	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND

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		Sample Date:	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24	2025-04-24
		Sample Type:	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)	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	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	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	--	--	0.250	ND	0.480	ND	ND	ND
	Bromoform	--	--	0.920	0.330	2.00	ND	0.780	0.400
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.590	0.330	1.30	ND	0.320	0.350
	Total Trihalomethanes	80	MCL	1.76	0.660	3.78	ND	1.10	0.750