

Summary of Chemistry Results
Zone H3
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)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-BLAC1704				H3-BLAC1709		H3-CLAR0121	
				Location Type:	Residence				Residence		Residence	
				Address:	1704 Blackhaw Place				1709 Blackhaw Place		121 Clarey Place	
				Field Sample ID:	H3-TW-0013877-24092-A	H3-TW-0013877-24092-A-H	H3-TW-0013877-24092-3-A	H3-TW-0013877-24092-3-A-H	H3-TW-0013881-24092-A	H3-TW-0013881-24092-A-H	H3-TW-0013978-24092-A	H3-TW-0013978-24092-A-H
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	Absent	--	Absent	--	Absent	--	
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	29.0	1.00	8.00	7.00	8.00	2.00	11.0	2.00	
Field Test (ppb)	Free Chlorine	4000	MCL	420	340	--	--	1120	280	610	510	
Field Test (pH)	pH	--	--	7.13	7.13	--	--	6.98	7.01	7.18	7.10	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.300	--	--	0.250	0.260	0.270	0.300	
Field Test (degrees Celcuis)	Temperature	--	--	28.5	44.4	--	--	27.9	42.1	24.4	41.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	0.420	--	--	0.00	0.00	0.180	0.500	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53500	--	56300	--	54600	--	52800	--	
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	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	40.4	--	59.7	--	54.9	--	27.9	--	
	Lead	15	MCL	ND	--	ND	--	ND	--	0.160	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--	
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--	
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	

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				Field Sample ID:	H3-TW-0013877-24092-A	H3-TW-0013877-24092-A-H	H3-TW-0013877-24092-3-A	H3-TW-0013877-24092-3-A-H	H3-TW-0013881-24092-A	H3-TW-0013881-24092-A-H	H3-TW-0013978-24092-A	H3-TW-0013978-24092-A-H
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--	
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--	
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--	
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	
	Bromodichloromethane	--	--	0.250	--	0.260	--	0.290	--	0.260	--	

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				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte											
Trihalomethanes (ppb)	Bromoform	--	--	0.900	--		0.870	--	0.850	--	0.870	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.690	--		0.670	--	0.710	--	0.660	--
	Total Trihalomethanes	80	MCL	1.84	--		1.80	--	1.85	--	1.79	--

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				Location ID:	H3-CLAR0177		H3-EUCA0179		H3-EUCA0187		H3-GREW0185	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	177 Clarey Place		179 Eucalyptus Place		187 Eucalyptus Place		185 Grewia Place	
				Field Sample ID:	H3-TW-0013984-24092-A	H3-TW-0013984-24092-A-H	H3-TW-0013997-24092-A	H3-TW-0013997-24092-A-H	H3-TW-0011941-24092-A	H3-TW-0011941-24092-A-H	H3-TW-0014002-24092-A	H3-TW-0014002-24092-3-A
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--		Absent	--	Absent	--	Absent	Absent
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	11.0	3.00		9.00	ND	7.00	2.00	9.00	7.00
Field Test (ppb)	Free Chlorine	4000	MCL	540	540		470	260	370	350	420	--
Field Test (pH)	pH	--	--	6.49	7.08		7.16	7.26	6.82	6.81	6.96	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.260		0.270	0.290	0.260	0.270	0.290	--
Field Test (degrees Celcuis)	Temperature	--	--	27.5	36.1		28.9	54.5	29.7	43.0	26.4	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00		0.000220	1.29	0.0440	0.650	0.00	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	--		57300	--	54600	--	51800	49600
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--		ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--		ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--		ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--		ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	22.1	--		30.8	--	28.8	--	29.6	33.1
	Lead	15	MCL	0.290	--		0.430	--	0.200	--	0.350	0.430
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	ND
	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

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				Location ID:	H3-CLAR0177		H3-EUCA0179		H3-EUCA0187		H3-GREW0185	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	177 Clarey Place		179 Eucalyptus Place		187 Eucalyptus Place		185 Grewia Place	
				Field Sample ID:	H3-TW-0013984-24092-A	H3-TW-0013984-24092-A-H	H3-TW-0013997-24092-A	H3-TW-0013997-24092-A-H	H3-TW-0011941-24092-A	H3-TW-0011941-24092-A-H	H3-TW-0014002-24092-A	H3-TW-0014002-24092-3-A
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	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
	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	--	--	0.290	--		0.620	--	0.600	--	ND	ND

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		Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Trihalomethanes (ppb)	Bromoform	--	--	0.940	--	2.60	--	2.20	--	0.540	0.530
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.740	--	1.90	--	1.70	--	0.410	0.410
	Total Trihalomethanes	80	MCL	1.97	--	5.12	--	4.50	--	0.950	0.940

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				Location ID:	H3-GREW0185		H3-HALA0204		H3-HIBI0335		H3-HIBI0345	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	185 Grewia Place		204 Halawa View Circle		335 Hibiscus Street		345 Hibiscus Street	
				Field Sample ID:	H3-TW-0014002-24092-A-H	H3-TW-0014002-24092-3-A-H	H3-TW-0013679-24092-A	H3-TW-0013679-24092-A-H	H3-TW-0013685-24092-A	H3-TW-0013685-24092-A-H	H3-TW-0013686-24092-A	H3-TW-0013686-24092-A-H
				Sample Date:	2024-08-29	2024-08-29	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	--	--	ND	2.00		7.00	ND	46.0	43.0	5.00	10.0
Field Test (ppb)	Free Chlorine	4000	MCL	580	--		630	340	640	410	80.0	20.0
Field Test (pH)	pH	--	--	7.03	--		7.17	7.15	6.91	7.07	7.19	6.34
Field Test (ms/cm)	Specific Conductivity	--	--	0.300	--		0.250	0.270	0.250	0.260	0.250	0.170
Field Test (degrees Celcuis)	Temperature	--	--	42.6	--		26.9	45.5	28.0	40.1	28.5	42.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	--		0.00	0.00	0.210	0.310	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--		52600	--	53600	--	53100	--
	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	--	--		26.9	--	21.7	--	29.2	--
	Lead	15	MCL	--	--		0.260	--	0.290	--	0.260	--
	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	--
	Benzo(a)pyrene	0.2	MCL	--	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone H3
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
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-GREW0185		H3-HALA0204		H3-HIBI0335		H3-HIBI0345		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	185 Grewia Place		204 Halawa View Circle		335 Hibiscus Street		345 Hibiscus Street		
		Field Sample ID:	H3-TW-0014002-24092-A-H	H3-TW-0014002-24092-3-A-H	H3-TW-0013679-24092-A	H3-TW-0013679-24092-A-H	H3-TW-0013685-24092-A	H3-TW-0013685-24092-A-H	H3-TW-0013686-24092-A	H3-TW-0013686-24092-A-H	
		Sample Date:	2024-08-29	2024-08-29	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	
		Sample Type:	N (Normal)	FD (Field Duplicate)	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)	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	--
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-GREW0185		H3-HALA0204		H3-HIBI0335		H3-HIBI0345	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	185 Grewia Place		204 Halawa View Circle		335 Hibiscus Street		345 Hibiscus Street	
				Field Sample ID:	H3-TW-0014002-24092-A-H	H3-TW-0014002-24092-3-A-H	H3-TW-0013679-24092-A	H3-TW-0013679-24092-A-H	H3-TW-0013685-24092-A	H3-TW-0013685-24092-A-H	H3-TW-0013686-24092-A	H3-TW-0013686-24092-A-H
				Sample Date:	2024-08-29	2024-08-29	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	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)	Xylenes, Total	10000	MCL	--	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--		ND	--	0.360	--	0.250	--
	Bromoform	--	--	--	--		0.720	--	1.20	--	0.790	--
	Chloroform	--	--	--	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	--		0.560	--	0.920	--	0.640	--
	Total Trihalomethanes	80	MCL	--	--		1.28	--	2.48	--	1.68	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-HIBI0710		H3-HIBI0722		H3-JASM0140		H3-JASM0152	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	710 Hibiscus Street		722 Hibiscus Street		140 Jasmine Place		152 Jasmine Place	
				Field Sample ID:	H3-TW-0013694-24092-A	H3-TW-0013694-24092-A-H	H3-TW-0013695-24092-A	H3-TW-0013695-24092-A-H	H3-TW-0013701-24092-A	H3-TW-0013701-24092-A-H	H3-TW-0013704-24092-A	H3-TW-0013704-24092-A-H
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29	2024-08-29	2024-08-29
				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	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	8.00	ND		14.0	91.0	5.00	3.00	2.00	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	660	530		390	370	600	390	610	390
Field Test (pH)	pH	--	--	6.88	6.72		7.11	7.19	6.97	6.97	6.99	7.03
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.260	0.280	0.250	0.260	0.250	0.260
Field Test (degrees Celcuis)	Temperature	--	--	22.3	40.2		26.7	44.4	28.7	40.9	26.6	40.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.0000850		1.17	1.65	0.0410	0.0220	0.0230	0.000220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54300	--		54900	--	53200	--	54300	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	27.0	--		34.8	--	36.2	--	16.9	--
	Lead	15	MCL	0.290	--		0.360	--	0.380	--	0.260	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--		ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-HIBI0710		H3-HIBI0722		H3-JASM0140		H3-JASM0152	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	710 Hibiscus Street		722 Hibiscus Street		140 Jasmine Place		152 Jasmine Place	
				Field Sample ID:	H3-TW-0013694-24092-A	H3-TW-0013694-24092-A-H	H3-TW-0013695-24092-A	H3-TW-0013695-24092-A-H	H3-TW-0013701-24092-A	H3-TW-0013701-24092-A-H	H3-TW-0013704-24092-A	H3-TW-0013704-24092-A-H
				Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29	2024-08-29	2024-08-29
				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)	Benzo(g,h,i)perylene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--		ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--		ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--		ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--		ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--		ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--		ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--		ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Cumene	--	--	ND	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.280	--		0.300	--	0.340	--	0.300	--

Summary of Chemistry Results
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-HIBI0710		H3-HIBI0722		H3-JASM0140		H3-JASM0152		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	710 Hibiscus Street		722 Hibiscus Street		140 Jasmine Place		152 Jasmine Place		
		Field Sample ID:	H3-TW-0013694-24092-A	H3-TW-0013694-24092-A-H	H3-TW-0013695-24092-A	H3-TW-0013695-24092-A-H	H3-TW-0013701-24092-A	H3-TW-0013701-24092-A-H	H3-TW-0013704-24092-A	H3-TW-0013704-24092-A-H	
		Sample Date:	2024-08-28	2024-08-28	2024-08-28	2024-08-28	2024-08-29	2024-08-29	2024-08-29	2024-08-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Trihalomethanes (ppb)	Bromoform	--	--	0.930	--	1.10	--	1.00	--	0.980	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.700	--	0.790	--	0.860	--	0.750	--
	Total Trihalomethanes	80	MCL	1.91	--	2.19	--	2.20	--	2.03	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-JUST0147		H3-KOAP0108		H3-KOAP0112		H3-KOAP0120	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	147 Justicia Place		108 Koa Place		112 Koa Place		120 Koa Place	
				Field Sample ID:	H3-TW-0013716-24092-A	H3-TW-0013716-24092-A-H	H3-TW-0013728-24092-A	H3-TW-0013728-24092-A-H	H3-TW-0013729-24092-A	H3-TW-0013729-24092-A-H	H3-TW-0013733-24092-A	H3-TW-0013733-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-08-29	2024-08-29	2024-07-17	2024-07-17	2024-09-16	2024-09-16
				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	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND		2.00	9.00	ND	23.0	3.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	290	550		590	550	650	430	510	60.0
Field Test (pH)	pH	--	--	6.98	6.97		7.04	7.05	6.95	6.97	7.07	7.04
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.290	0.300	0.240	0.260	0.260	0.270
Field Test (degrees Celcuis)	Temperature	--	--	25.6	34.9		25.2	40.8	25.0	39.4	23.1	39.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0590	0.0160		0.00	0.00	0.320	0.00	0.00	0.160
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55200	--		51300	--	58200	--	57400	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	28.1	--		29.7	--	15.7	--	47.0	--
	Lead	15	MCL	0.250	--		0.190	--	0.140	--	ND	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--		ND	--	--	--	ND	--
	Anthracene	--	--	--	--		ND	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--		ND	--	--	--	ND	--

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-JUST0147		H3-KOAP0108		H3-KOAP0112		H3-KOAP0120	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	147 Justicia Place		108 Koa Place		112 Koa Place		120 Koa Place	
				Field Sample ID:	H3-TW-0013716-24092-A	H3-TW-0013716-24092-A-H	H3-TW-0013728-24092-A	H3-TW-0013728-24092-A-H	H3-TW-0013729-24092-A	H3-TW-0013729-24092-A-H	H3-TW-0013733-24092-A	H3-TW-0013733-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-08-29	2024-08-29	2024-07-17	2024-07-17	2024-09-16	2024-09-16
				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)	Benzo(g,h,i)perylene	--	--	--	--		ND	--	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--		ND	--	--	--	ND	--
	Chrysene	--	--	--	--		ND	--	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--		ND	--	--	--	ND	--
	Fluorene	--	--	--	--		ND	--	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--		ND	--	--	--	ND	--
	Naphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--		ND	--	--	--	ND	--
	Pyrene	--	--	--	--		ND	--	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Cumene	--	--	--	--		ND	--	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--		ND	--	--	--	ND	--
	n-Propylbenzene	--	--	--	--		ND	--	--	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--		ND	--	--	--	ND	--
	tert-Butylbenzene	--	--	--	--		ND	--	--	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-JUST0147		H3-KOAP0108		H3-KOAP0112		H3-KOAP0120	
		Location Type:	Residence		Residence		Residence		Residence	
		Address:	147 Justicia Place		108 Koa Place		112 Koa Place		120 Koa Place	
		Field Sample ID:	H3-TW-0013716-24092-A	H3-TW-0013716-24092-A-H	H3-TW-0013728-24092-A	H3-TW-0013728-24092-A-H	H3-TW-0013729-24092-A	H3-TW-0013729-24092-A-H	H3-TW-0013733-24092-A	H3-TW-0013733-24092-A-H
		Sample Date:	2024-07-17	2024-07-17	2024-08-29	2024-08-29	2024-07-17	2024-07-17	2024-09-16	2024-09-16
		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							
Trihalomethanes (ppb)	Bromoform	--	--	0.830	--	0.560	--	0.470	--	0.690
	Chloroform	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	0.610	--	0.480	--	0.330	--	0.490
	Total Trihalomethanes	80	MCL	1.44	--	1.04	--	0.800	--	1.18

Summary of Chemistry Results
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-OCTO0147		H3-OLIV0168		H3-POIN0158			
				Location Type:	Residence		Residence		Residence			
				Address:	147 Octopus Lane		168 Olive Place		158 Poinciana Place			
				Field Sample ID:	H3-TW-0013747-24092-A	H3-TW-0013747-24092-A-H	H3-TW-0013779-24092-A	H3-TW-0013779-24092-A-H	H3-TW-0013790-24092-A	H3-TW-0013790-24092-A-H	H3-TW-0013790-24092-3-A	H3-TW-0013790-24092-3-A-H
				Sample Date:	2024-09-16	2024-09-16	2024-09-16	2024-09-16	2024-07-17	2024-07-17	2024-07-17	2024-07-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--		Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	16.0	28.0		3.00	6.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	350	290		490	550	550	380	--	--
Field Test (pH)	pH	--	--	6.85	7.02		7.02	7.02	7.02	7.05	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280		0.260	0.280	0.260	0.270	--	--
Field Test (degrees Celcuis)	Temperature	--	--	25.8	38.3		27.8	42.9	27.8	45.8	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.460	0.480		0.0300	0.740	0.650	0.430	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56300	--		57700	--	56500	--	54700	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	40.8	--		13.1	--	42.3	--	42.3	--
	Lead	15	MCL	0.430	--		0.520	--	0.130	--	0.140	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--		ND	--	--	--	--	--
	Anthracene	--	--	ND	--		ND	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--		ND	--	--	--	--	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-OCTO0147		H3-OLIV0168		H3-POIN0158			
				Location Type:	Residence		Residence		Residence			
				Address:	147 Octopus Lane		168 Olive Place		158 Poinciana Place			
				Field Sample ID:	H3-TW-0013747-24092-A	H3-TW-0013747-24092-A-H	H3-TW-0013779-24092-A	H3-TW-0013779-24092-A-H	H3-TW-0013790-24092-A	H3-TW-0013790-24092-A-H	H3-TW-0013790-24092-3-A	H3-TW-0013790-24092-3-A-H
				Sample Date:	2024-09-16	2024-09-16	2024-09-16	2024-09-16	2024-07-17	2024-07-17	2024-07-17	2024-07-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--		ND	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	ND	--		ND	--	--	--	--	--
	Chrysene	--	--	ND	--		ND	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	--		ND	--	--	--	--	--
	Fluorene	--	--	ND	--		ND	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--		ND	--	--	--	--	--
	Naphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--		ND	--	--	--	--	--
	Pyrene	--	--	ND	--		ND	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Cumene	--	--	ND	--		ND	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--		ND	--	--	--	--	--
	n-Propylbenzene	--	--	ND	--		ND	--	--	--	--	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--		ND	--	--	--	--	--
	tert-Butylbenzene	--	--	ND	--		ND	--	--	--	--	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.270	--		0.270	--	ND	--	ND	--

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-OCTO0147		H3-OLIV0168		H3-POIN0158				
		Location Type:	Residence		Residence		Residence				
		Address:	147 Octopus Lane		168 Olive Place		158 Poinciana Place				
		Field Sample ID:	H3-TW-0013747-24092-A	H3-TW-0013747-24092-A-H	H3-TW-0013779-24092-A	H3-TW-0013779-24092-A-H	H3-TW-0013790-24092-A	H3-TW-0013790-24092-A-H	H3-TW-0013790-24092-3-A	H3-TW-0013790-24092-3-A-H	
		Sample Date:	2024-09-16	2024-09-16	2024-09-16	2024-09-16	2024-07-17	2024-07-17	2024-07-17	2024-07-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Trihalomethanes (ppb)	Bromoform	--	--	0.990	--	1.10	--	ND	--	0.450	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.700	--	0.740	--	0.300	--	0.350	--
	Total Trihalomethanes	80	MCL	1.96	--	2.11	--	0.300	--	0.800	--

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-POIN0167		H3-POIN2015		H3-POIN2016		H3-SASS1408	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	167 Poincana Place		2015 Point Welcome Place		2016 Point Welcome Place		1408 Sassafras Drive	
				Field Sample ID:	H3-TW-0011942-24092-A	H3-TW-0011942-24092-A-H	H3-TW-0013912-24092-A	H3-TW-0013912-24092-A-H	H3-TW-0013913-24092-A	H3-TW-0013913-24092-A-H	H3-TW-0013944-24092-A	H3-TW-0013944-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-09-16	2024-09-16	2024-09-17	2024-09-17	2024-09-17	2024-09-17
				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	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND		8.00	ND	8.00	3.00	13.0	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	550	320		560	330	580	680	460	590
Field Test (pH)	pH	--	--	7.03	7.03		7.04	6.99	7.08	7.15	7.05	7.12
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280		0.270	0.270	0.270	0.290	0.260	0.290
Field Test (degrees Celcuis)	Temperature	--	--	29.9	56.7		26.2	41.6	28.3	45.2	28.3	44.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.620	0.890		0.00	0.640	0.170	0.410	0.270	0.510
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53500	--		56400	--	57600	--	55800	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	38.0	--		69.3	--	83.5	--	74.8	--
	Lead	15	MCL	0.230	--		0.280	--	0.250	--	0.130	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--		ND	--	ND	--	ND	--
	Anthracene	--	--	--	--		ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-POIN0167		H3-POIN2015		H3-POIN2016		H3-SASS1408	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	167 Poincana Place		2015 Point Welcome Place		2016 Point Welcome Place		1408 Sassafras Drive	
				Field Sample ID:	H3-TW-0011942-24092-A	H3-TW-0011942-24092-A-H	H3-TW-0013912-24092-A	H3-TW-0013912-24092-A-H	H3-TW-0013913-24092-A	H3-TW-0013913-24092-A-H	H3-TW-0013944-24092-A	H3-TW-0013944-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-09-16	2024-09-16	2024-09-17	2024-09-17	2024-09-17	2024-09-17
				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)	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	--	ND	--
	Phenanthrene	--	--	--	--		ND	--	ND	--	ND	--
	Pyrene	--	--	--	--		ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Cumene	--	--	--	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--		ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--		ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	--	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--

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				Location ID:	H3-POIN0167		H3-POIN2015		H3-POIN2016		H3-SASS1408	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	167 Poincana Place		2015 Point Welcome Place		2016 Point Welcome Place		1408 Sassafras Drive	
				Field Sample ID:	H3-TW-0011942-24092-A	H3-TW-0011942-24092-A-H	H3-TW-0013912-24092-A	H3-TW-0013912-24092-A-H	H3-TW-0013913-24092-A	H3-TW-0013913-24092-A-H	H3-TW-0013944-24092-A	H3-TW-0013944-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-09-16	2024-09-16	2024-09-17	2024-09-17	2024-09-17	2024-09-17
				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									
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		0.610	--	0.410	--	0.270	--
	Bromoform	--	--	0.560	--		2.20	--	1.30	--	0.810	--
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.410	--		1.80	--	1.10	--	0.610	--
	Total Trihalomethanes	80	MCL	0.970	--		4.61	--	2.81	--	1.69	--

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SASS1409		H3-SASS1502		H3-SASS1504		H3-SHOW0108	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1409 Sassafras Drive		1502 Sassafras Drive		1504 Sassafras Drive		108 Shower Place	
				Field Sample ID:	H3-TW-0013945-24092-A	H3-TW-0013945-24092-A-H	H3-TW-0013948-24092-A	H3-TW-0013948-24092-A-H	H3-TW-0013950-24092-A	H3-TW-0013950-24092-A-H	H3-TW-0011917-24092-A	H3-TW-0011917-24092-A-H
				Sample Date:	2024-09-17	2024-09-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17	2024-09-17	2024-09-17
				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	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	23.0	169		20.0	300	ND	ND	26.0	48.0
Field Test (ppb)	Free Chlorine	4000	MCL	540	710		500	490	670	290	600	580
Field Test (pH)	pH	--	--	7.25	7.12		7.06	7.17	7.03	7.26	7.01	6.95
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280		0.280	0.280	0.250	0.270	0.280	0.280
Field Test (degrees Celcuis)	Temperature	--	--	27.5	38.6		28.6	40.1	26.4	40.6	25.4	36.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.290	0.390		0.500	0.880	0.0400	0.00	0.790	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57700	--		56200	--	56100	--	55600	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	94.3	--		42.0	--	18.7	--	9.10	--
	Lead	15	MCL	ND	--		ND	--	ND	--	0.670	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--		ND	--	--	--	ND	--
	Anthracene	--	--	ND	--		ND	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		0.0150	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--		ND	--	--	--	ND	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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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 July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SASS1409		H3-SASS1502		H3-SASS1504		H3-SHOW0108	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	1409 Sassafras Drive		1502 Sassafras Drive		1504 Sassafras Drive		108 Shower Place	
				Field Sample ID:	H3-TW-0013945-24092-A	H3-TW-0013945-24092-A-H	H3-TW-0013948-24092-A	H3-TW-0013948-24092-A-H	H3-TW-0013950-24092-A	H3-TW-0013950-24092-A-H	H3-TW-0011917-24092-A	H3-TW-0011917-24092-A-H
				Sample Date:	2024-09-17	2024-09-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17	2024-09-17	2024-09-17
				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)	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	--	ND	--
	Phenanthrene	--	--	ND	--		ND	--	--	--	ND	--
	Pyrene	--	--	ND	--		ND	--	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	--
	Cumene	--	--	ND	--		ND	--	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--		ND	--	--	--	ND	--
	n-Propylbenzene	--	--	ND	--		ND	--	--	--	ND	--
	o-Xylene	--	--	ND	--		ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--		ND	--	--	--	ND	--
	tert-Butylbenzene	--	--	ND	--		ND	--	--	--	ND	--
	Toluene	1000	MCL	ND	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.270	--		ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-SASS1409		H3-SASS1502		H3-SASS1504		H3-SHOW0108		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	1409 Sassafras Drive		1502 Sassafras Drive		1504 Sassafras Drive		108 Shower Place		
		Field Sample ID:	H3-TW-0013945-24092-A	H3-TW-0013945-24092-A-H	H3-TW-0013948-24092-A	H3-TW-0013948-24092-A-H	H3-TW-0013950-24092-A	H3-TW-0013950-24092-A-H	H3-TW-0011917-24092-A	H3-TW-0011917-24092-A-H	
		Sample Date:	2024-09-17	2024-09-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17	2024-09-17	2024-09-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Trihalomethanes (ppb)	Bromoform	--	--	0.800	--	0.730	--	0.530	--	0.660	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.630	--	0.530	--	0.410	--	0.450	--
	Total Trihalomethanes	80	MCL	1.70	--	1.26	--	0.940	--	1.11	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SHOW0177		H3-SHOW0179		H3-SHOW0223		H3-SHOW0225	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	177 Shower Place		179 Shower Place		223 Shower Place		225 Shower Place	
				Field Sample ID:	H3-TW-0013806-24092-A	H3-TW-0013806-24092-A-H	H3-TW-0013808-24092-A	H3-TW-0013808-24092-A-H	H3-TW-0011914-24092-A	H3-TW-0011914-24092-A-H	H3-TW-0013817-24092-A	H3-TW-0013817-24092-A-H
				Sample Date:	2024-09-25	2024-09-25	2024-07-17	2024-07-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17
				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	--	Absent	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	12.0	4.00		ND	ND	12.0	15.0	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	610	490		670	440	660	400	590	370
Field Test (pH)	pH	--	--	7.01	6.98		6.92	6.86	6.93	6.94	6.97	6.87
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270		0.250	0.260	0.270	0.280	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	26.0	41.2		25.7	38.2	29.1	37.5	24.5	42.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.630	0.850		0.00	0.390	0.790	0.640	0.600	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	--		57100	--	54800	--	57300	--
	Total Organic Carbon	--	--	ND	--		ND	--	ND	--	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	5.60	--		3.20	--	7.20	--	3.10	--
	Lead	15	MCL	0.580	--		0.250	--	0.580	--	0.390	--
	Mercury	2	MCL	ND	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--		--	--	ND	--	--	--
	Anthracene	--	--	ND	--		--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--		--	--	ND	--	--	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SHOW0177		H3-SHOW0179		H3-SHOW0223		H3-SHOW0225	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	177 Shower Place		179 Shower Place		223 Shower Place		225 Shower Place	
				Field Sample ID:	H3-TW-0013806-24092-A	H3-TW-0013806-24092-A-H	H3-TW-0013808-24092-A	H3-TW-0013808-24092-A-H	H3-TW-0011914-24092-A	H3-TW-0011914-24092-A-H	H3-TW-0013817-24092-A	H3-TW-0013817-24092-A-H
				Sample Date:	2024-09-25	2024-09-25	2024-07-17	2024-07-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17
				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)	Benzo(g,h,i)perylene	--	--	ND	--	--	--	--	ND	--	--	--
	Benzo(k)fluoranthene	--	--	ND	--	--	--	--	ND	--	--	--
	Chrysene	--	--	ND	--	--	--	--	ND	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	--	--	--	--	ND	--	--	--
	Fluorene	--	--	ND	--	--	--	--	ND	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	ND	--	--	--
	Naphthalene	--	--	ND	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	--	--	--	ND	--	--	--
	Pyrene	--	--	ND	--	--	--	--	ND	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	ND	--	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	--	--	--	ND	--	--	--
	n-Propylbenzene	--	--	ND	--	--	--	--	ND	--	--	--
	o-Xylene	--	--	ND	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	ND	--	--	--	--	ND	--	--	--
	Toluene	1000	MCL	ND	--	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.250	--	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

		Location ID:	H3-SHOW0177		H3-SHOW0179		H3-SHOW0223		H3-SHOW0225		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	177 Shower Place		179 Shower Place		223 Shower Place		225 Shower Place		
		Field Sample ID:	H3-TW-0013806-24092-A	H3-TW-0013806-24092-A-H	H3-TW-0013808-24092-A	H3-TW-0013808-24092-A-H	H3-TW-0011914-24092-A	H3-TW-0011914-24092-A-H	H3-TW-0013817-24092-A	H3-TW-0013817-24092-A-H	
		Sample Date:	2024-09-25	2024-09-25	2024-07-17	2024-07-17	2024-09-17	2024-09-17	2024-07-17	2024-07-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
		DOH Project Screening Level	Basis of Project Screening Level								
Method Group	Analyte										
Trihalomethanes (ppb)	Bromoform	--	--	0.830	--	0.430	--	0.710	--	0.560	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.600	--	0.300	--	0.480	--	0.400	--
	Total Trihalomethanes	80	MCL	1.68	--	0.730	--	1.19	--	0.960	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SHOW0251		H3-VALL0459		H3-VALL0581	
				Location Type:	Residence		Residence		Residence	
				Address:	251 Shower Place		459 Valley View Loop		581 Valley View Loop	
				Field Sample ID:	H3-TW-0011915-24092-A	H3-TW-0011915-24092-A-H	H3-TW-0013845-24092-A	H3-TW-0013845-24092-A-H	H3-TW-0013865-24092-A	H3-TW-0013865-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-08-28	2024-08-28
				Sample Type:	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	--	--	ND	23.0		ND	ND	3.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	660	440		610	410	630	380
Field Test (pH)	pH	--	--	6.94	6.94		7.14	7.20	7.16	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.250	0.270	0.260	0.270
Field Test (degrees Celcuis)	Temperature	--	--	25.8	41.2		28.0	45.4	26.8	36.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.490	0.220		0.220	0.600	2.10	0.770
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56800	--		56100	--	55700	--
	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	7.00	--		8.60	--	12.4	--
	Lead	15	MCL	0.580	--		0.870	--	0.480	--
	Mercury	2	MCL	ND	--		ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--		ND	--	ND	--
	Acenaphthylene	--	--	--	--		--	--	ND	--
	Anthracene	--	--	--	--		--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--		--	--	ND	--

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone H3

				Location ID:	H3-SHOW0251		H3-VALL0459		H3-VALL0581	
				Location Type:	Residence		Residence		Residence	
				Address:	251 Shower Place		459 Valley View Loop		581 Valley View Loop	
				Field Sample ID:	H3-TW-0011915-24092-A	H3-TW-0011915-24092-A-H	H3-TW-0013845-24092-A	H3-TW-0013845-24092-A-H	H3-TW-0013865-24092-A	H3-TW-0013865-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-08-28	2024-08-28
				Sample Type:	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)	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	ND	--
	Chrysene	--	--	--	--	--	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	ND	--
	Fluorene	--	--	--	--	--	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	ND	--
	Naphthalene	--	--	ND	--	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	--	--	--	ND	--
	Pyrene	--	--	--	--	--	--	--	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	--
	Ethylbenzene	700	MCL	ND	--	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	--	--	--	ND	--
	n-Propylbenzene	--	--	--	--	--	--	--	ND	--
	o-Xylene	--	--	ND	--	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	--	--	--	ND	--
	Toluene	1000	MCL	ND	--	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	ND	--	0.280	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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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 July 2024 - September 2024 from Residences in Zone H3

				Location ID: H3-SHOW0251		H3-VALL0459		H3-VALL0581		
				Location Type: Residence		Residence		Residence		
				Address: 251 Shower Place		459 Valley View Loop		581 Valley View Loop		
				Field Sample ID:	H3-TW-0011915-24092-A	H3-TW-0011915-24092-A-H	H3-TW-0013845-24092-A	H3-TW-0013845-24092-A-H	H3-TW-0013865-24092-A	H3-TW-0013865-24092-A-H
				Sample Date:	2024-07-17	2024-07-17	2024-07-17	2024-07-17	2024-08-28	2024-08-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				DOH Project Screening Level	Basis of Project Screening Level					
Method Group	Analyte									
Trihalomethanes (ppb)	Bromoform	--	--	0.480	--	0.650	--	1.00	--	
	Chloroform	--	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	0.360	--	0.490	--	0.730	--	
	Total Trihalomethanes	80	MCL	0.840	--	1.14	--	2.01	--	

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1641A				H3-HYD1651A			H3-HYD1676A
				Location Type:	Hydrant				Hydrant			Hydrant
				Address:	Hydrant 1641				Hydrant 1651			Hydrant 1676
				Field Sample ID:	H3-DL-0017760-24183 -A	H3-DL-0017760-24183 -3-A	H3-DL-0017760-24214 -A	H3-DL-0017760-24245 -A	H3-DL-0017761-24183 -A	H3-DL-0017761-24214 -A	H3-DL-0017761-24245 -A	H3-DL-0017759-24183 -A
				Sample Date:	2024-07-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	Absent	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	19.0	25.0	ND	34.0	18.0	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	560	--	580	620	480	470	570	550	
Field Test (pH)	pH	--	--	7.03	--	7.00	7.03	6.97	6.94	7.00	6.98	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	--	0.330	0.250	0.260	0.260	0.250	0.260	
Field Test (degrees Celcuis)	Temperature	--	--	29.1	--	31.3	28.5	27.0	29.0	28.1	29.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.680	--	1.26	1.28	0.660	0.950	1.15	1.01	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600	56100	57000	54200	55400	58100	56100	56000	
	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	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	--	--	ND	ND	--	ND	ND	--	--
	Anthracene	--	--	--	--	ND	ND	--	ND	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	--	ND	ND	--	ND	ND	--	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	ND	--	ND	ND	--	--
	Benzo(k)fluoranthene	--	--	--	--	ND	ND	--	ND	ND	--	--
	Chrysene	--	--	--	--	ND	ND	--	ND	ND	--	--

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1641A				H3-HYD1651A			H3-HYD1676A
				Location Type:	Hydrant				Hydrant			Hydrant
				Address:	Hydrant 1641				Hydrant 1651			Hydrant 1676
				Field Sample ID:	H3-DL-0017760-24183 -A	H3-DL-0017760-24183 -3-A	H3-DL-0017760-24214 -A	H3-DL-0017760-24245 -A	H3-DL-0017761-24183 -A	H3-DL-0017761-24214 -A	H3-DL-0017761-24245 -A	H3-DL-0017759-24183 -A
				Sample Date:	2024-07-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	--	
	Fluorene	--	--	--	--	ND	ND	--	ND	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	ND	--	ND	ND	--	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	--	ND	ND	--	ND	ND	--	
	Pyrene	--	--	--	--	ND	ND	--	ND	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	ND	--	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	ND	--	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	--	--	ND	ND	--	ND	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--	
	n-Propylbenzene	--	--	--	--	ND	ND	--	ND	ND	--	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--	
	tert-Butylbenzene	--	--	--	--	ND	ND	--	ND	ND	--	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.260	ND	ND	0.290	0.260	
	Bromoform	--	--	0.570	0.640	0.940	0.900	0.720	0.810	0.920	0.870	

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1641A				H3-HYD1651A			H3-HYD1676A
				Location Type:	Hydrant				Hydrant			Hydrant
				Address:	Hydrant 1641				Hydrant 1651			Hydrant 1676
				Field Sample ID:	H3-DL-0017760-24183	H3-DL-0017760-24183	H3-DL-0017760-24214	H3-DL-0017760-24245	H3-DL-0017761-24183	H3-DL-0017761-24214	H3-DL-0017761-24245	H3-DL-0017759-24183
				Sample Date:	-A	-3-A	-A	-A	-A	-A	-A	-A
				Sample Type:	2024-07-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26	2024-08-22	2024-09-26	2024-07-26
					N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte											
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.450	0.460	0.660	0.670	0.520	0.570	0.700	0.590	
	Total Trihalomethanes	80	MCL	1.02	1.10	1.60	1.83	1.24	1.38	1.91	1.72	

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1676A	
				Location Type:	Hydrant	
				Address:	Hydrant 1676	
				Field Sample ID:	H3-DL-0017759-24214-A	H3-DL-0017759-24245-A
				Sample Date:	2024-08-22	2024-09-26
				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	--	--	33.0	59.0	
Field Test (ppb)	Free Chlorine	4000	MCL	610	600	
Field Test (pH)	pH	--	--	7.08	6.99	
Field Test (ms/cm)	Specific Conductivity	--	--	0.330	0.250	
Field Test (degrees Celcuis)	Temperature	--	--	31.6	30.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.980	0.720	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59100	54000	
	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	
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	

Summary of Chemistry Results
Zone H3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1676A	
				Location Type:	Hydrant	
				Address:	Hydrant 1676	
				Field Sample ID:	H3-DL-0017759-24214-A	H3-DL-0017759-24245-A
				Sample Date:	2024-08-22	2024-09-26
				Sample Type:	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	
	Fluorene	--	--	ND	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	
	Naphthalene	--	--	ND	ND	
	Phenanthrene	--	--	ND	ND	
	Pyrene	--	--	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	
	1,2-Dibromoethane (EDB)	--	--	--	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	
	Benzene	5	MCL	ND	ND	
	Cumene	--	--	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	
	m,p-Xylene	--	--	ND	ND	
	n-Butylbenzene	--	--	ND	ND	
	n-Propylbenzene	--	--	ND	ND	
	o-Xylene	--	--	ND	ND	
	sec-Butylbenzene	--	--	ND	ND	
	tert-Butylbenzene	--	--	ND	ND	
	Toluene	1000	MCL	ND	ND	
	Xylenes, Total	10000	MCL	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.290	0.350	
	Bromoform	--	--	0.990	1.10	

Zone H3

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				Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:	H3-HYD1676A Hydrant Hydrant 1676 H3-DL-0017759-24214-A H3-DL-0017759-24245-A 2024-08-22 2024-09-26 N (Normal) N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	
	Dibromochloromethane	--	--	0.720	0.860	
	Total Trihalomethanes	80	MCL	2.00	2.31	