

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)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-ABEL0193				H3-BITT1601		H3-BLAC1706	
				Location Type:	Residence				Residence		Residence	
				Address:	193 Abelia Place				1601 Bittersweet Place		1706 Blackhaw Place	
				Field Sample ID:	H3-TW-0011937-24092-A	H3-TW-0011937-24092-A-H	H3-TW-0011937-24092-3-A	H3-TW-0011937-24092-3-A-H	H3-TW-0013870-24092-A	H3-TW-0013870-24092-A-H	H3-TW-0011925-24092-A	H3-TW-0011925-24092-A-H
				Sample Date:	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-06-13	2024-06-13	2024-06-12	2024-06-12
				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	--	--	ND	ND	ND	ND	ND	ND	ND	23.0	
Field Test (ppb)	Free Chlorine	4000	MCL	620	440	--	--	570	520	540	270	
Field Test (pH)	pH	--	--	7.07	7.15	--	--	7.07	7.07	7.14	7.25	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.260	--	--	0.250	0.260	--	--	
Field Test (degrees Celcuis)	Temperature	--	--	27.8	43.9	--	--	25.2	38.7	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.670	0.780	--	--	0.00	0.0430	0.190	0.0250	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	--	53200	--	52300	--	52700	--	
	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	23.4	--	26.8	--	8.80	--	27.4	--	
	Lead	15	MCL	ND	--	ND	--	ND	--	0.480	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	0.0280	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	

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				Location ID: H3-ABEL0193 Location Type: Residence Address: 193 Abelia Place				H3-BITT1601 Residence 1601 Bittersweet Place		H3-BLAC1706 Residence 1706 Blackhaw Place	
				Field Sample ID: H3-TW-0011937-24092-A	H3-TW-0011937-24092-A-H	H3-TW-0011937-24092-3-A	H3-TW-0011937-24092-3-A-H	H3-TW-0013870-24092-A	H3-TW-0013870-24092-A-H	H3-TW-0011925-24092-A	H3-TW-0011925-24092-A-H
				Sample Date: 2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-06-13	2024-06-13	2024-06-12	2024-06-12
				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								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	0.560	--	0.570	--	0.560	--	0.610	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.450	--	0.440	--	0.480	--	0.510	--
	Total Trihalomethanes	80	MCL	1.01	--	1.01	--	1.04	--	1.12	--

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-BLAC1713		H3-BLAC1715		H3-BLAC1805			H3-BLAC1851
				Location Type:	Residence		Residence		Residence			Residence
				Address:	1713 Blackhaw Place		1715 Blackhaw Place		1805 Blackthorn Loop			1851 Blackthorn Loop
				Field Sample ID:	H3-TW-0011924-24092-A	H3-TW-0011924-24092-A-H	H3-TW-0013885-24092-A	H3-TW-0013885-24092-A-H	H3-TW-0013888-24092-A-C-WQI	H3-TW-0013888-24092-A-H-WQI	H3-TW-0013888-24092-A-WQI	H3-TW-0011926-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-04-22	2024-04-22	2024-04-22	2024-05-28
				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		ND	ND	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	520	290		550	420	600	520	600	550
Field Test (pH)	pH	--	--	7.08	7.13		6.93	7.00	--	7.21	7.17	7.00
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.260		0.250	0.270	--	0.260	0.240	0.250
Field Test (degrees Celcuis)	Temperature	--	--	26.0	40.9		26.8	52.0	--	36.3	25.1	27.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.190	46.6		0.00	0.00	--	0.340	0.350	0.440
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53800	--		51600	--	--	--	55000	55100
	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	55.1	--		51.9	--	--	--	20.4	47.3
	Lead	15	MCL	ND	--		ND	--	--	--	0.230	ND
	Mercury	2	MCL	ND	--		ND	--	--	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--		ND	--	--	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--		ND	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	--	--	ND	ND
	Naphthalene	--	--	ND	--		ND	--	--	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		ND	--	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	--	--	ND	ND

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				Location ID:	H3-BLAC1713		H3-BLAC1715		H3-BLAC1805			H3-BLAC1851
				Location Type:	Residence		Residence		Residence			Residence
				Address:	1713 Blackhaw Place		1715 Blackhaw Place		1805 Blackthorn Loop			1851 Blackthorn Loop
				Field Sample ID:	H3-TW-0011924-24092-A	H3-TW-0011924-24092-A-H	H3-TW-0013885-24092-A	H3-TW-0013885-24092-A-H	H3-TW-0013888-24092-A-C-WQI	H3-TW-0013888-24092-A-H-WQI	H3-TW-0013888-24092-A-WQI	H3-TW-0011926-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-04-22	2024-04-22	2024-04-22	2024-05-28
				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)	Benzene	5	MCL	ND	--		ND	--	--	--	ND	ND
	Ethylbenzene	700	MCL	ND	--		ND	--	--	--	ND	ND
	m,p-Xylene	--	--	ND	--		ND	--	--	--	ND	ND
	o-Xylene	--	--	ND	--		ND	--	--	--	ND	ND
	Toluene	1000	MCL	ND	--		ND	--	--	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--		ND	--	--	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--		ND	--	--	--	ND	ND
	Bromoform	--	--	0.510	--		0.610	--	--	--	0.680	0.630
	Chloroform	--	--	ND	--		ND	--	--	--	ND	ND
	Dibromochloromethane	--	--	0.420	--		0.520	--	--	--	0.640	0.490
	Total Trihalomethanes	80	MCL	0.930	--		1.13	--	--	--	1.32	1.12

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

		Location ID:	H3-BLAC1851	H3-BLAC1862	H3-BOWE0190	H3-CLAR0169	H3-CLAR0195			
		Location Type:	Residence	Residence	Residence	Residence	Residence			
		Address:	1851 Blackthorn Loop	1862 Blackthorn Loop	190 Bower Place	169 Clarey Place	195 Clarey Place			
		Field Sample ID:	H3-TW-0011926-24092-A-H	H3-TW-0013896-24092-A	H3-TW-0013966-24092-A	H3-TW-0013983-24092-A	H3-TW-0011934-24092-A	H3-TW-0011934-24092-A-H	H3-TW-0011934-24092-3-A	H3-TW-0011934-24092-3-A-H
		Sample Date:	2024-05-28	2024-04-24	2024-04-24	2024-04-24	2024-05-28	2024-05-28	2024-05-28	2024-05-28
		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
	E. coli	--	--	--	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	4.00	2.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	550	540	660	310	600	620	--
Field Test (pH)	pH	--	--	7.05	7.18	7.19	7.11	6.93	7.02	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.200	0.260	0.250	0.270	0.260	0.270	--
Field Test (degrees Celcuis)	Temperature	--	--	41.0	21.1	24.8	25.8	27.5	47.8	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.410	2.02	0.200	1.95	0.420	0.300	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52500	52500	50000	54900	--	56600
	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	--	81.6	20.6	49.7	15.3	--	15.2
	Lead	15	MCL	--	0.220	0.300	0.800	0.180	--	0.180
	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
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	ND	--	ND
	Naphthalene	--	--	--	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

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				Location Type:	Residence	Residence	Residence	Residence	Residence			
				Address:	1851 Blackthorn Loop	1862 Blackthorn Loop	190 Bower Place	169 Clarey Place	195 Clarey Place			
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				Sample Date:	2024-05-28	2024-04-24	2024-04-24	2024-04-24	2024-05-28	2024-05-28	2024-05-28	2024-05-28
				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									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	ND	ND	ND	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	ND	ND	ND	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	ND	ND	ND	ND	--	ND	--
	o-Xylene	--	--	--	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	--	--	--	0.350	ND	ND	ND	ND	--	ND	--
	Bromoform	--	--	--	0.820	0.710	0.540	0.650	--	--	0.650	--
	Chloroform	--	--	--	ND	ND	ND	ND	ND	--	ND	--
	Dibromochloromethane	--	--	--	0.780	0.610	0.530	0.490	--	--	0.500	--
	Total Trihalomethanes	80	MCL	--	1.95	1.32	1.07	1.14	--	--	1.15	--

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				Location ID:	H3-COCO0119		H3-HALA0126	H3-HIBI0355	H3-HIBI0630	H3-HIBI0670		H3-JASM0120
				Location Type:	Residence		Residence	Residence	Residence	Residence		Residence
				Address:	119 Cocos Place		126 Halawa View Loop	355 Hibiscus Street	630 Hibiscus Street	670 Hibiscus Street		120 Jasmine Place
				Field Sample ID:	H3-TW-0013988-24092-A	H3-TW-0013988-24092-A-H	H3-TW-0014010-24092-A	H3-TW-0013687-24092-A	H3-TW-0013693-24092-A	H3-TW-0011939-24092-A	H3-TW-0011939-24092-A-H	H3-TW-0013699-24092-A-WQI
				Sample Date:	2024-06-12	2024-06-12	2024-04-24	2024-04-24	2024-04-24	2024-05-24	2024-05-24	2024-06-28
				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
	E. coli	--	--	Absent	--	--	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	570	520	680	390	600	480	310	360	
Field Test (pH)	pH	--	--	7.11	7.12	7.10	7.14	7.10	7.00	6.91	7.07	
Field Test (ms/cm)	Specific Conductivity	--	--	--	--	0.240	0.260	0.240	0.250	0.270	0.270	
Field Test (degrees Celcuis)	Temperature	--	--	--	--	23.3	24.0	24.8	24.7	42.5	26.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.0820	0.00	0.870	0.00	0.440	0.330	0.900	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53600	--	50000	48800	50000	57900	--	60600	
	Total Organic Carbon	--	--	ND	--	ND	ND	ND	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	ND	ND	--	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	ND	ND	--	ND	
Metals (ppb)	Copper	1300	MCL	46.2	--	28.8	54.6	8.20	14.8	--	114	
	Lead	15	MCL	0.250	--	0.230	0.620	0.150	0.160	--	0.450	
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	--	ND	
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	--	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	--	ND	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-COCO0119		H3-HALA0126	H3-HIBI0355	H3-HIBI0630	H3-HIBI0670		H3-JASM0120
				Location Type:	Residence		Residence	Residence	Residence	Residence		Residence
				Address:	119 Cocos Place		126 Halawa View Loop	355 Hibiscus Street	630 Hibiscus Street	670 Hibiscus Street		120 Jasmine Place
				Field Sample ID:	H3-TW-0013988-24092-A	H3-TW-0013988-24092-A-H	H3-TW-0014010-24092-A	H3-TW-0013687-24092-A	H3-TW-0013693-24092-A	H3-TW-0011939-24092-A	H3-TW-0011939-24092-A-H	H3-TW-0013699-24092-A-WQI
				Sample Date:	2024-06-12	2024-06-12	2024-04-24	2024-04-24	2024-04-24	2024-05-24	2024-05-24	2024-06-28
				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)	Benzene	5	MCL	ND	--		ND	ND	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	--		ND	ND	ND	ND	--	ND
	m,p-Xylene	--	--	ND	--		ND	ND	ND	ND	--	ND
	o-Xylene	--	--	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	--	--	ND	--		ND	0.340	ND	ND	--	0.290
	Bromoform	--	--	0.590	--		0.590	1.20	0.630	0.570	--	0.720
	Chloroform	--	--	ND	--		ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	0.370	--		0.560	0.830	0.490	0.450	--	0.680
	Total Trihalomethanes	80	MCL	0.960	--		1.15	2.37	1.12	1.02	--	1.69

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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-JASM0120	H3-JUST0161	H3-JUST0195	H3-KOAP0113		H3-OCTO0131		H3-OCTO0145
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	120 Jasmine Place	161 Justicia Place	195 Justicia Place	113 Koa Place		131 Octopus Lane		145 Octopus Lane
				Field Sample ID:	H3-TW-0013699-24092-A-H-WQI	H3-TW-0011936-24092-A	H3-TW-0013724-24092-A	H3-TW-0013730-24092-A	H3-TW-0013730-24092-A-H	H3-TW-0011911-24092-A	H3-TW-0011911-24092-A-H	H3-TW-0013745-24092-A
				Sample Date:	2024-06-28	2024-04-24	2024-04-24	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-05-24
				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
	E. coli	--	--	--	--	--	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	--	17.0	12.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	300	550	710	610	490	490	210	380	710
Field Test (pH)	pH	--	--	7.24	7.02	7.09	7.08	7.12	7.12	7.39	7.16	7.06
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.270	0.260	0.230	0.250	0.250	0.250	0.270	0.240
Field Test (degrees Celcuis)	Temperature	--	--	42.1	24.3	22.7	25.8	41.6	41.6	27.3	47.6	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.530	0.830	0.850	0.00	0.0880	0.0880	0.0900	0.170	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	47500	50000	54600	--	--	51500	--	54000
	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	--	35.9	17.6	18.2	--	--	45.6	--	17.4
	Lead	15	MCL	--	0.300	1.30	ND	--	--	0.220	--	0.290
	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
	Benzo(a)pyrene	0.2	MCL	--	0.0140	ND	ND	--	--	ND	--	ND
	Naphthalene	--	--	--	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

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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-JASM0120	H3-JUST0161	H3-JUST0195	H3-KOAP0113		H3-OCTO0131		H3-OCTO0145
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	120 Jasmine Place	161 Justicia Place	195 Justicia Place	113 Koa Place		131 Octopus Lane		145 Octopus Lane
				Field Sample ID:	H3-TW-0013699-24092-A-H-WQI	H3-TW-0011936-24092-A	H3-TW-0013724-24092-A	H3-TW-0013730-24092-A	H3-TW-0013730-24092-A-H	H3-TW-0011911-24092-A	H3-TW-0011911-24092-A-H	H3-TW-0013745-24092-A
				Sample Date:	2024-06-28	2024-04-24	2024-04-24	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-05-24
				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											
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	ND	ND	--	ND	--	ND	
	Ethylbenzene	700	MCL	--	ND	ND	ND	--	ND	--	ND	
	m,p-Xylene	--	--	--	ND	ND	ND	--	ND	--	ND	
	o-Xylene	--	--	--	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	--	--	--	0.330	ND	ND	--	ND	--	ND	
	Bromoform	--	--	--	1.00	0.610	0.510	--	1.10	--	0.520	
	Chloroform	--	--	--	ND	ND	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	0.900	0.540	0.420	--	0.860	--	0.420	
	Total Trihalomethanes	80	MCL	--	2.23	1.15	0.930	--	1.96	--	0.940	

Summary of Chemistry Results
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-OCTO0145	H3-OCTO0162		H3-OLIV0131		H3-OLIV0144		H3-OLIV0150
				Location Type:	Residence	Residence		Residence		Residence		Residence
				Address:	145 Octopus Lane	162 Octopus Lane		131 Olive Place		144 Olive Place		150 Olive Place
				Field Sample ID:	H3-TW-0013745-24092-A-H	H3-TW-0013757-24092-A	H3-TW-0013757-24092-A-H	H3-TW-0011922-24092-A	H3-TW-0011922-24092-A-H	H3-TW-0011921-24092-A	H3-TW-0011921-24092-A-H	H3-TW-0013773-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-05-24	2024-05-24	2024-05-24
				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	ND		ND	4.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	490	710	320		600	480	630	550	660
Field Test (pH)	pH	--	--	7.08	7.07	7.15		7.11	7.24	7.08	7.22	7.08
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.250		--	--	0.230	0.260	0.230
Field Test (degrees Celcuis)	Temperature	--	--	43.5	26.7	36.8		--	--	24.8	41.7	25.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.350		0.220	0.170	0.0660	0.290	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55200	--		52900	--	52100	--	53700
	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	--	9.90	--		16.2	--	6.10	--	6.90
	Lead	15	MCL	--	0.190	--		1.30	--	0.600	--	0.870
	Mercury	2	MCL	--	ND	--		ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--		ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--		ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--		ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--		ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--		ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-OCTO0145	H3-OCTO0162		H3-OLIV0131		H3-OLIV0144		H3-OLIV0150
				Location Type:	Residence	Residence		Residence		Residence		Residence
				Address:	145 Octopus Lane	162 Octopus Lane		131 Olive Place		144 Olive Place		150 Olive Place
				Field Sample ID:	H3-TW-0013745-24092-A-H	H3-TW-0013757-24092-A	H3-TW-0013757-24092-A-H	H3-TW-0011922-24092-A	H3-TW-0011922-24092-A-H	H3-TW-0011921-24092-A	H3-TW-0011921-24092-A-H	H3-TW-0013773-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-05-24	2024-05-24	2024-05-24
				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)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	ND
	o-Xylene	--	--	--	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	--	--	--	ND	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	--	0.650	--	0.380	--	0.490	--	0.530	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	--	0.500	--	0.260	--	0.370	--	0.420	
	Total Trihalomethanes	80	MCL	--	1.15	--	0.640	--	0.860	--	0.950	

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				Location ID:	H3-OLIV0150	H3-OLIV0164		H3-ORIG0123				H3-ORIG0124
				Location Type:	Residence	Residence		Residence				Residence
				Address:	150 Olive Place	164 Olive Place		123 Orig Place				124 Orig Place
				Field Sample ID:	H3-TW-0013773-24092-A-H	H3-TW-0013777-24092-A	H3-TW-0013777-24092-A-H	H3-TW-0013783-24092-A	H3-TW-0013783-24092-A-H	H3-TW-0013783-24092-A-H-R1	H3-TW-0013783-24092-A-R1	H3-TW-0013784-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-31	2024-05-31	2024-06-12
				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	--		Present	--	--	Absent	Absent
	E. coli	--	--	--	Absent	--		Absent	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	ND	ND		ND	ND	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	360	520	750		610	520	600	620	530
Field Test (pH)	pH	--	--	7.21	7.02	6.96		7.02	7.06	7.22	7.25	7.11
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.270		0.250	0.270	--	--	0.250
Field Test (degrees Celcuis)	Temperature	--	--	37.6	26.1	41.5		24.9	39.9	--	--	28.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.390	0.980	0.720		0.610	0.170	0.00	0.230	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52600	--		54800	--	--	--	52200
	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	--	4.90	--		38.7	--	--	--	18.3
	Lead	15	MCL	--	0.210	--		0.280	--	--	--	0.710
	Mercury	2	MCL	--	ND	--		ND	--	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--		ND	--	--	--	ND
	2-Methylnaphthalene	--	--	--	ND	--		ND	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--		ND	--	--	--	ND
	Naphthalene	--	--	--	ND	--		ND	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--		ND	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--		ND	--	--	--	ND

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				Location ID:	H3-OLIV0150	H3-OLIV0164		H3-ORIG0123				H3-ORIG0124
				Location Type:	Residence	Residence		Residence				Residence
				Address:	150 Olive Place	164 Olive Place		123 Orig Place				124 Orig Place
				Field Sample ID:	H3-TW-0013773-24092-A-H	H3-TW-0013777-24092-A	H3-TW-0013777-24092-A-H	H3-TW-0013783-24092-A	H3-TW-0013783-24092-A-H	H3-TW-0013783-24092-A-H-R1	H3-TW-0013783-24092-A-R1	H3-TW-0013784-24092-A
				Sample Date:	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-31	2024-05-31	2024-06-12
				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)	Benzene	5	MCL	--	ND	--		ND	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--		ND	--	--	--	ND
	m,p-Xylene	--	--	--	ND	--		ND	--	--	--	ND
	o-Xylene	--	--	--	ND	--		ND	--	--	--	ND
	Toluene	1000	MCL	--	ND	--		ND	--	--	--	ND
	Xylenes, Total	10000	MCL	--	ND	--		ND	--	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--		ND	--	--	--	ND
	Bromoform	--	--	--	0.540	--		0.410	--	--	--	0.600
	Chloroform	--	--	--	ND	--		ND	--	--	--	ND
	Dibromochloromethane	--	--	--	0.420	--		0.350	--	--	--	0.430
	Total Trihalomethanes	80	MCL	--	0.960	--		0.760	--	--	--	1.03

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

		Location ID:	H3-ORIG0124	H3-ORIG0132	H3-POIN1901				H3-POIN2004	
		Location Type:	Residence	Residence	Residence				Residence	
		Address:	124 Orig Place	132 Orig Place	1901 Point Welcome Place				2004 Point Welcome Place	
		Field Sample ID:	H3-TW-0013784-24092-A-H	H3-TW-0013789-24092-A	H3-TW-0013898-24092-A	H3-TW-0013898-24092-A-H	H3-TW-0013898-24092-3-A	H3-TW-0013898-24092-3-A-H	H3-TW-0011928-24092-A	H3-TW-0011928-24092-A-H
		Sample Date:	2024-06-12	2024-04-22	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	--	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	520	230	840	940	--	--	440
Field Test (pH)	pH	--	--	7.26	7.11	7.09	7.02	--	--	7.03
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.220	0.270	--	--	0.230
Field Test (degrees Celcuis)	Temperature	--	--	53.1	23.1	25.7	48.7	--	--	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.710	0.0150	0.260	0.280	--	--	0.390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51300	53400	--	50700	--	55200
	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	--	33.3	58.6	--	57.2	--	71.4
	Lead	15	MCL	--	ND	ND	--	ND	--	0.200
	Mercury	2	MCL	--	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-ORIG0124	H3-ORIG0132	H3-POIN1901				H3-POIN2004	
				Location Type:	Residence	Residence	Residence				Residence	
				Address:	124 Orig Place	132 Orig Place	1901 Point Welcome Place				2004 Point Welcome Place	
				Field Sample ID:	H3-TW-0013784-24092-A-H	H3-TW-0013789-24092-A	H3-TW-0013898-24092-A	H3-TW-0013898-24092-A-H	H3-TW-0013898-24092-3-A	H3-TW-0013898-24092-3-A-H	H3-TW-0011928-24092-A	H3-TW-0011928-24092-A-H
				Sample Date:	2024-06-12	2024-04-22	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24	2024-05-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	ND	--	ND	--	--
	Benzene	5	MCL	--	ND	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	--	ND	ND	--	ND	--	ND	--	--
	m,p-Xylene	--	--	--	ND	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	--	ND	ND	--	ND	--	ND	--	--
	Toluene	1000	MCL	--	ND	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	--	ND	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	0.420	ND	--	ND	--	0.430	--	--
	Bromoform	--	--	--	6.10	0.770	--	0.790	--	1.30	--	--
	Chloroform	--	--	--	ND	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	--	1.70	0.650	--	0.650	--	1.20	--	--
	Total Trihalomethanes	80	MCL	--	8.22	1.42	--	1.44	--	2.93	--	--

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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-POIN2004		H3-POIN2005		H3-POIN2017		H3-POIN2021	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2004 Point Welcome Place		2005 Point Welcome Place		2017 Point Welcome Place		2021 Point Welcome Place	
				Field Sample ID:	H3-TW-0011928-24092-A-H-R1	H3-TW-0011928-24092-A-R1	H3-TW-0013904-24092-A	H3-TW-0013904-24092-A-H	H3-TW-0013914-24092-A	H3-TW-0013914-24092-A-H	H3-TW-0013917-24092-A	H3-TW-0013917-24092-A-H
				Sample Date:	2024-06-10	2024-06-10	2024-06-12	2024-06-12	2024-06-12	2024-06-12	2024-06-12	2024-06-12
				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	248		ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	340	590		450	310	250	80.0	360	170
Field Test (pH)	pH	--	--	7.38	7.10		7.16	7.17	7.14	7.15	7.27	--
Field Test (ms/cm)	Specific Conductivity	--	--	--	--		0.260	0.270	0.260	0.270	--	--
Field Test (degrees Celcuis)	Temperature	--	--	--	--		28.2	45.5	28.5	43.9	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0180	2.73		0.0430	0.840	0.0170	0.350	0.360	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--		54100	--	54700	--	54900	--
	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	--	--		53.4	--	76.6	--	81.4	--
	Lead	15	MCL	--	--		0.140	--	0.310	--	0.430	--
	Mercury	2	MCL	--	--		ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--		ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	--	--		ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	--		ND	--	ND	--	0.0270	--
	Naphthalene	--	--	--	--		ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--		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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-POIN2004		H3-POIN2005		H3-POIN2017		H3-POIN2021	
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	2004 Point Welcome Place		2005 Point Welcome Place		2017 Point Welcome Place		2021 Point Welcome Place	
				Field Sample ID:	H3-TW-0011928-24092-A-H-R1	H3-TW-0011928-24092-A-R1	H3-TW-0013904-24092-A	H3-TW-0013904-24092-A-H	H3-TW-0013914-24092-A	H3-TW-0013914-24092-A-H	H3-TW-0013917-24092-A	H3-TW-0013917-24092-A-H
				Sample Date:	2024-06-10	2024-06-10	2024-06-12	2024-06-12	2024-06-12	2024-06-12	2024-06-12	2024-06-12
				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)	1,3,5-Trimethylbenzene	--	--	--	--		ND	--	ND	--	ND	--
	Benzene	5	MCL	--	--		ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	--		ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	--		ND	--	ND	--	ND	--
	o-Xylene	--	--	--	--		ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	--		ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	--	--		ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	0.520	--	0.600	--	0.720	--	
	Bromoform	--	--	--	--	1.60	--	2.70	--	2.70	--	
	Chloroform	--	--	--	--	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	--	--	1.40	--	2.00	--	2.00	--	
	Total Trihalomethanes	80	MCL	--	--	3.52	--	5.30	--	5.42	--	

Summary of Chemistry Results
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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-POIN2126		H3-SASS1404		H3-SASS1511		H3-SHOW0146	H3-SHOW0183
				Location Type:	Residence		Residence		Residence		Residence	Residence
				Address:	2126 Point Welcome Place		1404 Sassafras Drive		1511 Sassafras Drive		146 Shower Place	183 Shower Place
				Field Sample ID:	H3-TW-0013937-24092-A	H3-TW-0013937-24092-A-H	H3-TW-0013940-24092-A	H3-TW-0013940-24092-A-H	H3-TW-0013956-24092-A	H3-TW-0013956-24092-A-H	H3-TW-0011918-24092-A	H3-TW-0011919-24092-A
				Sample Date:	2024-06-12	2024-06-12	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-04-24	2024-04-24
				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	--	--	--
	E. coli	--	--	Absent	--		Absent	--	Absent	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND		ND	ND	ND	17.0	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	330	340		480	650	580	460	670	670
Field Test (pH)	pH	--	--	7.18	7.20		7.01	7.05	7.13	7.13	7.07	7.08
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260		0.250	0.270	--	--	0.240	0.240
Field Test (degrees Celcuis)	Temperature	--	--	26.6	36.7		25.4	40.9	--	--	23.7	25.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.00		0.350	0.290	0.240	0.170	0.00250	0.210
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51900	--		52200	--	52000	--	50000	50000
	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	71.0	--		28.6	--	12.5	--	9.60	6.30
	Lead	15	MCL	0.160	--		ND	--	ND	--	0.920	0.440
	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
	Benzo(a)pyrene	0.2	MCL	ND	--		ND	--	ND	--	ND	ND
	Naphthalene	--	--	ND	--		ND	--	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--		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 April 2024 - June 2024 from Residences in Zone H3

				Location ID:	H3-POIN2126		H3-SASS1404		H3-SASS1511		H3-SHOW0146	H3-SHOW0183
				Location Type:	Residence		Residence		Residence		Residence	Residence
				Address:	2126 Point Welcome Place		1404 Sassafras Drive		1511 Sassafras Drive		146 Shower Place	183 Shower Place
				Field Sample ID:	H3-TW-0013937-24092-A	H3-TW-0013937-24092-A-H	H3-TW-0013940-24092-A	H3-TW-0013940-24092-A-H	H3-TW-0013956-24092-A	H3-TW-0013956-24092-A-H	H3-TW-0011918-24092-A	H3-TW-0011919-24092-A
				Sample Date:	2024-06-12	2024-06-12	2024-05-24	2024-05-24	2024-06-12	2024-06-12	2024-04-24	2024-04-24
				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)	1,3,5-Trimethylbenzene	--	--	ND	--		ND	--	ND	--	ND	ND
	Benzene	5	MCL	ND	--		ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--		ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--		ND	--	ND	--	ND	ND
	o-Xylene	--	--	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	--	--	ND	--		ND	--	ND	--	ND	ND
	Bromoform	--	--	0.520	--		0.570	--	0.660	--	0.260	0.500
	Chloroform	--	--	ND	--		ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	0.400	--		0.470	--	0.470	--	ND	0.440
	Total Trihalomethanes	80	MCL	0.920	--		1.04	--	1.13	--	0.260	0.940

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Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID: H3-VALL0595	
				Location Type: Residence	
				Address: 595 Valley View Loop	
				Field Sample ID: H3-TW-0011912-24092-A	H3-TW-0011912-24092-A-H
				Sample Date: 2024-06-12	2024-06-12
				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	--
	E. coli	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	209
Field Test (ppb)	Free Chlorine	4000	MCL	540	380
Field Test (pH)	pH	--	--	7.12	7.15
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	0.160
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52100	--
	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	17.6	--
	Lead	15	MCL	0.540	--
	Mercury	2	MCL	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--
	Naphthalene	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--
	Benzene	5	MCL	ND	--
	Ethylbenzene	700	MCL	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
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N (Normal) = Full compliance sample
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone H3

				Location ID: H3-VALL0595	
				Location Type: Residence	
				Address: 595 Valley View Loop	
				Field Sample ID: H3-TW-0011912-24092-A	H3-TW-0011912-24092-A-H
				Sample Date: 2024-06-12	2024-06-12
				Sample Type: N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	m,p-Xylene	--	--	ND	--
	o-Xylene	--	--	ND	--
	Toluene	1000	MCL	ND	--
	Xylenes, Total	10000	MCL	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--
	Bromoform	--	--	0.850	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	0.560	--
	Total Trihalomethanes	80	MCL	1.41	--

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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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 H3

		Location ID:	H3-HYD1641A			H3-HYD1651A			H3-HYD1664A	H3-HYD1665A
		Location Type:	Hydrant			Hydrant			Hydrant	Hydrant
		Address:	Hydrant 1641			Hydrant 1651			HYD-1664A	HYD-1665A
		Field Sample ID:	H3-DL-0017760-24092 -A	H3-DL-0017760-24122 -A	H3-DL-0017760-24153 -A	H3-DL-0017761-24092 -A	H3-DL-0017761-24122 -A	H3-DL-0017761-24153 -A	H3-DL-0000694-24092 -A	H3-DL-0018364-24092 -A
		Sample Date:	2024-04-25	2024-05-24	2024-06-12	2024-04-25	2024-05-24	2024-06-12	2024-06-10	2024-06-10
		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	Absent
	E. coli	--	--	--	Absent	Absent	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	--	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	570	630	440	610	590	450	530
Field Test (pH)	pH	--	--	7.11	7.07	6.95	7.09	7.12	6.96	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.250	0.250	0.230	0.250	--
Field Test (degrees Celcuis)	Temperature	--	--	25.9	28.1	27.3	26.1	26.9	25.7	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.00	0.490	0.450	0.170	0.0390	0.0180
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	45000	51700	52100	52500	54300	52600	--
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	--
	Naphthalene	--	--	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	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	--

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1641A			H3-HYD1651A			H3-HYD1664A	H3-HYD1665A
				Location Type:	Hydrant			Hydrant			Hydrant	Hydrant
				Address:	Hydrant 1641			Hydrant 1651			HYD-1664A	HYD-1665A
				Field Sample ID:	H3-DL-0017760-24092	H3-DL-0017760-24122	H3-DL-0017760-24153	H3-DL-0017761-24092	H3-DL-0017761-24122	H3-DL-0017761-24153	H3-DL-0000694-24092	H3-DL-0018364-24092
				Sample Date:	-A	-A	-A	-A	-A	-A	-A	-A
				Sample Type:	2024-04-25	2024-05-24	2024-06-12	2024-04-25	2024-05-24	2024-06-12	2024-06-10	2024-06-10
					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)	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	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
	Bromoform	--	--	0.730	0.660	0.560	0.700	0.600	0.500		--	--
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	--	--
	Dibromochloromethane	--	--	0.600	0.510	0.410	0.590	0.470	0.450		--	--
	Total Trihalomethanes	80	MCL	1.33	1.17	0.970	1.29	1.07	0.950		--	--

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Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone H3

				Location ID:	H3-HYD1676A			H3-HYDTEMP123A	H3-HYDTEMP123B
				Location Type:	Hydrant			Hydrant	Hydrant
				Address:	Hydrant 1676			H3-ORIG0123 Bracket Hydrant	H3-ORIG0123 Bracket Hydrant
				Field Sample ID:	H3-DL-0017759-24092 -A	H3-DL-0017759-24122 -A	H3-DL-0017759-24153 -A	H3-DL-0018358-24092 -A	H3-DL-0018359-24092 -A
				Sample Date:	2024-04-25	2024-05-24	2024-06-12	2024-05-31	2024-05-31
				Sample Type:	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
	E. coli	--	--	--	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	620	600	130	220	710	
Field Test (pH)	pH	--	--	7.13	7.15	6.97	7.15	7.14	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.230	0.250	--	--	
Field Test (degrees Celcuis)	Temperature	--	--	27.1	27.7	28.7	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.530	0.480	0.370	2.96	0.370	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	54200	50900	--	--	
	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	--	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	
	Naphthalene	--	--	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	--	--	

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				Location ID:	H3-HYD1676A			H3-HYDTEMP123A	H3-HYDTEMP123B
				Location Type:	Hydrant			Hydrant	Hydrant
				Address:	Hydrant 1676			H3-ORIG0123 Bracket Hydrant	H3-ORIG0123 Bracket Hydrant
				Field Sample ID:	H3-DL-0017759-24092-A	H3-DL-0017759-24122-A	H3-DL-0017759-24153-A	H3-DL-0018358-24092-A	H3-DL-0018359-24092-A
				Sample Date:	2024-04-25	2024-05-24	2024-06-12	2024-05-31	2024-05-31
				Sample Type:	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)	Benzene	5	MCL	ND	ND	ND	--	--	
	Ethylbenzene	700	MCL	ND	ND	ND	--	--	
	m,p-Xylene	--	--	ND	ND	ND	--	--	
	o-Xylene	--	--	ND	ND	ND	--	--	
	Toluene	1000	MCL	ND	ND	ND	--	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	--	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.270	ND	ND	--	--	
	Bromoform	--	--	0.790	0.680	0.620	--	--	
	Chloroform	--	--	ND	ND	ND	--	--	
	Dibromochloromethane	--	--	0.680	0.530	0.490	--	--	
	Total Trihalomethanes	80	MCL	1.74	1.21	1.11	--	--	