

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-CLAR0101		H3-CLAR0135	H3-COCO0129		H3-GREW0199	H3-HALA0122	
				Residence 101 Clarey Place		Residence 135 Clarey Place	Residence 129 Cocos Place		Residence 199 Grewia Place	Residence 122 Halawa View Loop	
				H3-TW-0013976-24092-A	H3-TW-0013976-24092-A-H	H3-TW-0013980-24092-A	H3-TW-0013990-24092-A	H3-TW-0013990-24092-A-H	H3-TW-0014004-24092-A	H3-TW-0014008-24092-A	H3-TW-0014008-24092-A-H
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	4.00	10.0	--	3.00	1.00	--	15.0	176
Field Test (ppb)	Free Chlorine	4000	MCL	750	430	1040	540	520	190	600	550
Field Test (pH)	pH	--	--	7.07	7.14	7.09	7.05	7.15	6.62	7.06	7.10
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.260	0.260	0.260	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	29.9	34.0	25.2	26.0	35.2	24.8	26.8	38.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.170	0.110	0.00	0.0980	0.00	0.000770	0.330	0.360
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55400	--	57300	55500	--	59400	55100	--
	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	32.1	--	34.5	37.1	--	37.5	42.8	--
	Lead	15	MCL	0.230	--	0.210	0.210	--	0.170	0.330	--
	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	--

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				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Benzo(g,h,i)perylene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Benzo(k)fluoranthene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Chrysene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Dibenz(a,h)anthracene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Fluorene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Naphthalene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Phenanthrene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Pyrene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Benzene	5	MCL	ND	--	ND	ND	ND	--	ND	ND	--					
	Cumene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	--	ND	ND	--					
	m,p-Xylene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	n-Butylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	n-Propylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	o-Xylene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	sec-Butylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
	tert-Butylbenzene	--	--	ND	--	ND	ND	ND	--	ND	ND	--					
Toluene	1000	MCL	ND	--	ND	ND	ND	--	ND	ND	--						

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Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-HIBI0399		H3-HIBI0690	H3-JASM0148	H3-JASM0199	H3-JUST0143		
				Location Type:	Residence		Residence	Residence	Residence	Residence		
				Address:	399 Hibiscus Street		690 Hibiscus Street	148 Jasmine Place	199 Jasmine Place	143 Justicia Place		
				Field Sample ID:	H3-TW-0013690-24092-A	H3-TW-0011935-24092-A	H3-TW-0011935-24092-A-H	H3-TW-0011940-24092-A	H3-TW-0013703-24092-A	H3-TW-0013711-24092-A	H3-TW-0013715-24092-A	H3-TW-0013715-24092-3-A
				Sample Date:	2024-12-09	2024-10-15	2024-10-15	2024-12-02	2024-11-26	2024-11-27	2024-11-27	2024-11-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	--	--	--	--
	E. coli	--	--	--	Absent	--	--	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	62.0	43.0	--	--	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	570	690	670	500	240	410	700	--	--
Field Test (pH)	pH	--	--	7.04	7.11	7.15	7.08	6.95	7.14	7.00	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.280	0.260	0.260	0.250	--	--
Field Test (degrees Celcius)	Temperature	--	--	27.7	28.0	40.7	25.5	24.1	28.2	21.7	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.100	0.00	0.340	0.330	0.530	0.0620	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59100	55800	--	58100	56200	58100	58200	57700	--
	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
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	29.5	14.1	--	33.3	18.6	119	17.2	17.6	--
	Lead	15	MCL	0.270	0.270	--	0.170	0.140	0.240	0.180	0.170	--
	Mercury	2	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Anthracene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence
				H3-HIBI0390	H3-HIBI0399	H3-HIBI0399	H3-HIBI0690	H3-JASM0148	H3-JASM0199	H3-JUST0143	H3-JUST0143
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				390 Hibiscus Street	399 Hibiscus Street	399 Hibiscus Street	690 Hibiscus Street	148 Jasmine Place	199 Jasmine Place	143 Justicia Place	143 Justicia Place
				H3-TW-0013690-24092-A	H3-TW-0011935-24092-A	H3-TW-0011935-24092-A-H	H3-TW-0011940-24092-A	H3-TW-0013703-24092-A	H3-TW-0013711-24092-A	H3-TW-0013715-24092-A	H3-TW-0013715-24092-3-A
				2024-12-09	2024-10-15	2024-10-15	2024-12-02	2024-11-26	2024-11-27	2024-11-27	2024-11-27
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND	ND

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				Sample Date:	2024-12-09	2024-10-15	2024-10-15	2024-12-02	2024-11-26	2024-11-27	2024-11-27	2024-11-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.310	0.290	--	ND	0.320	0.290	0.290	0.290	0.340
	Bromoform	--	--	1.40	1.00	--	0.600	1.10	1.20	1.10	1.30	
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.930	0.770	--	0.400	0.820	0.860	0.790	0.940	
	Total Trihalomethanes	80	MCL	2.64	2.06	--	1.00	2.24	2.35	2.18	2.58	

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				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				H3-TW-0013725-24092-A	H3-TW-0013725-24092-A-H	H3-TW-0013731-24092-A	H3-TW-0011933-24092-A	H3-TW-0011933-24092-A-H	H3-TW-0013758-24092-A	H3-TW-0013776-24092-A	H3-TW-0013778-24092-A						
				2024-10-15	2024-10-15	2024-11-26	2024-10-18	2024-10-18	2024-12-26	2024-12-09	2024-12-09						
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)						
				199 Justicia Place		116 Koa Place	161 MacDonald Place		166 Octopus Lane	162 Olive Place	166 Olive Place						
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	--	--	--						
	E. coli	--	--	Absent	--	--	Absent	--	--	--	--						
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	22.0	68.0	--	4.00	ND	--	--	--						
Field Test (ppb)	Free Chlorine	4000	MCL	720	350	110	610	570	490	860	860						
Field Test (pH)	pH	--	--	7.07	7.10	6.95	7.07	7.04	7.16	6.99	7.04						
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	0.250	0.320	0.300	0.290	0.290	0.260						
Field Test (degrees Celcius)	Temperature	--	--	27.3	41.7	25.8	28.1	42.2	21.7	23.8	23.9						
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.500	0.250	0.000600	0.00	0.100	0.00	0.180	0.00						
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55900	--	54700	55100	--	69100	58600	56700						
	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	41.6	--	49.3	10.7	--	53.8	9.70	10.7						
	Lead	15	MCL	0.260	--	0.190	0.130	--	0.350	0.360	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						
	Acenaphthylene	--	--	ND	--	ND	ND	--	ND	ND	ND						
	Anthracene	--	--	ND	--	ND	ND	--	ND	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	--	ND	ND	ND						

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				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				H3-TW-0013725-24092-A	H3-TW-0013725-24092-A-H	H3-TW-0013731-24092-A	H3-TW-0011933-24092-A	H3-TW-0011933-24092-A-H	H3-TW-0013758-24092-A	H3-TW-0013776-24092-A	H3-TW-0013778-24092-A
				2024-10-15	2024-10-15	2024-11-26	2024-10-18	2024-10-18	2024-12-26	2024-12-09	2024-12-09
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Chrysene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Fluorene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Pyrene	--	--	ND	--	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	ND	--	ND	ND	ND
	Cumene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	--	ND	ND	ND
	n-Butylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	--	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	tert-Butylbenzene	--	--	ND	--	ND	ND	--	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	--	ND	ND	ND

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-JUST0199		H3-KOAP0116	H3-MACD0161		H3-OCTO0166	H3-OLIV0162	H3-OLIV0166
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				H3-TW-0013725-24092-A	H3-TW-0013725-24092-A-H	H3-TW-0013731-24092-A	H3-TW-0011933-24092-A	H3-TW-0011933-24092-A-H	H3-TW-0013758-24092-A	H3-TW-0013776-24092-A	H3-TW-0013778-24092-A
				2024-10-15	2024-10-15	2024-11-26	2024-10-18	2024-10-18	2024-12-26	2024-12-09	2024-12-09
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				ND	--	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL								
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	--	ND	0.320	--	0.270	0.260	0.280
	Bromoform	--	--	0.900	--	0.720	0.930	--	1.00	1.20	1.30
	Chloroform	--	--	ND	--	ND	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	0.700	--	0.550	0.750	--	0.790	0.720	0.810
	Total Trihalomethanes	80	MCL	1.86	--	1.27	2.00	--	2.06	2.18	2.39

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 October 2024 - December 2024 from Residences in Zone H3

				Location ID:	H3-ORIG0120	H3-POIN0162	H3-POIN2018	H3-POIN2023	H3-POIN2025	H3-POIN2113	H3-POIN2115	H3-SASS1503
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	120 Orig Place	162 Poinciana Place	2018 Point Welcome Place	2023 Point Welcome Place	2025 Point Welcome Place	2113 Point Welcome Place	2115 Point Welcome Place	1503 Sassafras Drive
				Field Sample ID:	H3-TW-0013780-24092-A	H3-TW-0013792-24092-A	H3-TW-0011931-24092-A	H3-TW-0013919-24092-A	H3-TW-0011932-24092-A	H3-TW-0013930-24092-A	H3-TW-0013932-24092-A	H3-TW-0013949-24092-A
				Sample Date:	2024-12-27	2024-11-26	2024-12-09	2024-12-31	2024-11-26	2024-12-27	2024-11-26	2024-12-09
				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									
Field Test (ppb)	Free Chlorine	4000	MCL	630	650	950	680	200	650	710	580	
Field Test (pH)	pH	--	--	6.96	6.96	7.13	7.21	7.07	7.05	7.12	7.05	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.290	0.270	0.260	0.270	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	25.9	23.5	25.1	25.3	25.0	25.4	24.7	25.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.380	0.300	0.110	0.00	0.400	0.00	0.00720	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56200	56000	63000	61200	61400	55600	58700	58600	
	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	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	38.8	22.2	41.9	63.5	56.5	38.0	8.60	25.2	
	Lead	15	MCL	0.320	0.130	0.150	0.260	0.200	ND	ND	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Anthracene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(g,h,i)perylene	--	--	ND	ND	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 October 2024 - December 2024 from Residences in Zone H3

		Location ID:	H3-ORIG0120	H3-POIN0162	H3-POIN2018	H3-POIN2023	H3-POIN2025	H3-POIN2113	H3-POIN2115	H3-SASS1503
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	120 Orig Place	162 Poinciana Place	2018 Point Welcome Place	2023 Point Welcome Place	2025 Point Welcome Place	2113 Point Welcome Place	2115 Point Welcome Place	1503 Sassafras Drive
		Field Sample ID:	H3-TW-0013780-24092-A	H3-TW-0013792-24092-A	H3-TW-0011931-24092-A	H3-TW-0013919-24092-A	H3-TW-0011932-24092-A	H3-TW-0013930-24092-A	H3-TW-0013932-24092-A	H3-TW-0013949-24092-A
		Sample Date:	2024-12-27	2024-11-26	2024-12-09	2024-12-31	2024-11-26	2024-12-27	2024-11-26	2024-12-09
		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(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	ND	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	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

Summary of Chemistry Results

Zone H3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
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		Field Sample ID:	H3-TW-0013780-24092-A	H3-TW-0013792-24092-A	H3-TW-0011931-24092-A	H3-TW-0013919-24092-A	H3-TW-0011932-24092-A	H3-TW-0013930-24092-A	H3-TW-0013932-24092-A	H3-TW-0013949-24092-A	
		Sample Date:	2024-12-27	2024-11-26	2024-12-09	2024-12-31	2024-11-26	2024-12-27	2024-11-26	2024-12-09	
		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)	Bromodichloromethane	--	--	ND	ND	0.600	0.660	0.550	ND	ND	0.270
	Bromoform	--	--	0.930	0.580	3.10	3.70	1.90	0.850	0.710	1.00
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.660	0.420	2.00	2.30	1.50	0.570	0.500	0.700
	Total Trihalomethanes	80	MCL	1.59	1.00	5.70	6.66	3.95	1.42	1.21	1.97

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-SASS1508	H3-SHOW0128	H3-SHOW0219		H3-SHOW0253	H3-SHOW0260	H3-VALL0256	H3-VALL0340
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	1508 Sassafras Drive	128 Shower Place	219 Shower Place		253 Shower Place	260 Shower Place	256 Valley View Loop	340 Valley View Loop
				Field Sample ID:	H3-TW-0013954-24092-A	H3-TW-0013798-24092-A	H3-TW-0013815-24092-A	H3-TW-0013815-24092-A-H	H3-TW-0013819-24092-A	H3-TW-0013821-24092-A	H3-TW-0013825-24092-A	H3-TW-0013826-24092-A
				Sample Date:	2024-11-26	2024-11-26	2024-10-18	2024-10-18	2024-12-09	2024-12-31	2024-11-26	2024-10-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	--	--	--	--	Absent
	E. coli	--	--	--	--	--	Absent	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	18.0	ND	--	--	--	13.0
Field Test (ppb)	Free Chlorine	4000	MCL	480	740	700	230	440	660	550	500	
Field Test (pH)	pH	--	--	7.08	7.11	7.14	7.31	7.15	7.06	6.99	7.13	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.250	0.270	0.250	0.270	0.250	0.250	
Field Test (degrees Celcius)	Temperature	--	--	26.0	25.7	27.5	37.3	24.9	26.7	25.4	26.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.140	0.0600	0.0430	0.0910	0.00	0.00	0.520	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55200	58800	54900	--	59100	55000	58400	54000	
	Total Organic Carbon	--	--	ND	ND	ND	--	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	56.9	9.70	6.10	--	7.50	5.90	82.2	35.8	
	Lead	15	MCL	ND	0.480	0.460	--	0.380	0.370	0.360	0.260	
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Acenaphthylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Anthracene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	ND	ND	

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-SASS1508	H3-SHOW0128	H3-SHOW0219		H3-SHOW0253	H3-SHOW0260	H3-VALL0256	H3-VALL0340
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	1508 Sassafras Drive	128 Shower Place	219 Shower Place		253 Shower Place	260 Shower Place	256 Valley View Loop	340 Valley View Loop
				Field Sample ID:	H3-TW-0013954-24092-A	H3-TW-0013798-24092-A	H3-TW-0013815-24092-A	H3-TW-0013815-24092-A-H	H3-TW-0013819-24092-A	H3-TW-0013821-24092-A	H3-TW-0013825-24092-A	H3-TW-0013826-24092-A
				Sample Date:	2024-11-26	2024-11-26	2024-10-18	2024-10-18	2024-12-09	2024-12-31	2024-11-26	2024-10-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND

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Zone H3

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Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-SASS1508	H3-SHOW0128	H3-SHOW0219		H3-SHOW0253	H3-SHOW0260	H3-VALL0256	H3-VALL0340
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	1508 Sassafras Drive	128 Shower Place	219 Shower Place		253 Shower Place	260 Shower Place	256 Valley View Loop	340 Valley View Loop
				Field Sample ID:	H3-TW-0013954-24092-A	H3-TW-0013798-24092-A	H3-TW-0013815-24092-A	H3-TW-0013815-24092-A-H	H3-TW-0013819-24092-A	H3-TW-0013821-24092-A	H3-TW-0013825-24092-A	H3-TW-0013826-24092-A
				Sample Date:	2024-11-26	2024-11-26	2024-10-18	2024-10-18	2024-12-09	2024-12-31	2024-11-26	2024-10-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.270	--	ND	ND	0.280	0.300	
	Bromoform	--	--	0.730	0.550	0.750	--	1.10	0.950	0.900	0.830	
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.560	0.430	0.610	--	0.700	0.550	0.670	0.670	
	Total Trihalomethanes	80	MCL	1.29	0.980	1.63	--	1.80	1.50	1.85	1.80	

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 October 2024 - December 2024 from Residences in Zone H3

		Location ID:	H3-VALL0340	H3-VALL0344		H3-VALL0350	H3-VALL0415	H3-VALL0425	H3-VALL0429	H3-VALL0439
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	340 Valley View Loop	344 Valley View Loop		350 Valley View Loop	415 Valley View Loop	425 Valley View Loop	429 Valley View Loop	439 Valley View Loop
		Field Sample ID:	H3-TW-0013826-24092-A-H	H3-TW-0013828-24092-A	H3-TW-0013828-24092-A-H	H3-TW-0013830-24092-A	H3-TW-0013833-24092-A	H3-TW-0013836-24092-A	H3-TW-0013838-24092-A	H3-TW-0013841-24092-A
		Sample Date:	2024-10-18	2024-10-18	2024-10-18	2024-12-31	2024-11-27	2024-11-27	2024-11-26	2024-12-09
		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	--	--	--	--	--
	E. coli	--	--	--	Absent	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	120	9.00	16.0	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	270	600	450	530	510	680	720
Field Test (pH)	pH	--	--	7.33	7.02	7.02	7.02	7.00	6.97	7.06
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	0.290	0.270	0.370	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	35.9	28.0	42.3	26.7	25.7	26.3	24.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00510	0.0340	0.0290	0.00	0.190	0.190	0.200
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55200	--	57000	59200	58200	56800
	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	--	33.1	--	23.6	8.90	6.80	9.10
	Lead	15	MCL	--	0.180	--	0.250	0.670	0.540	0.700
	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

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-VALL0344		H3-VALL0350	H3-VALL0415	H3-VALL0425	H3-VALL0429	H3-VALL0439	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	344 Valley View Loop		350 Valley View Loop	415 Valley View Loop	425 Valley View Loop	429 Valley View Loop	439 Valley View Loop	
				Field Sample ID:	H3-TW-0013826-24092-A-H	H3-TW-0013828-24092-A	H3-TW-0013828-24092-A-H	H3-TW-0013830-24092-A	H3-TW-0013833-24092-A	H3-TW-0013836-24092-A	H3-TW-0013838-24092-A	H3-TW-0013841-24092-A
				Sample Date:	2024-10-18	2024-10-18	2024-10-18	2024-12-31	2024-11-27	2024-11-27	2024-11-26	2024-12-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Benzo(g,h,i)perylene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Benzo(k)fluoranthene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Chrysene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Dibenz(a,h)anthracene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Fluorene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Naphthalene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Phenanthrene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Pyrene	--	--	--	ND	--	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Benzene	5	MCL	--	ND	--	ND	ND	ND	ND	ND	
	Cumene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	n-Butylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	n-Propylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	o-Xylene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	sec-Butylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	tert-Butylbenzene	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	--	ND	--	ND	ND	ND	ND	ND	

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-VALL0340	H3-VALL0344		H3-VALL0350	H3-VALL0415	H3-VALL0425	H3-VALL0429	H3-VALL0439
				Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
				Address:	340 Valley View Loop	344 Valley View Loop		350 Valley View Loop	415 Valley View Loop	425 Valley View Loop	429 Valley View Loop	439 Valley View Loop
				Field Sample ID:	H3-TW-0013826-24092-A-H	H3-TW-0013828-24092-A	H3-TW-0013828-24092-A-H	H3-TW-0013830-24092-A	H3-TW-0013833-24092-A	H3-TW-0013836-24092-A	H3-TW-0013838-24092-A	H3-TW-0013841-24092-A
				Sample Date:	2024-10-18	2024-10-18	2024-10-18	2024-12-31	2024-11-27	2024-11-27	2024-11-26	2024-12-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	0.300	--	ND	0.260	0.260	ND	0.280	
	Bromoform	--	--	--	0.820	--	1.10	1.10	1.10	0.790	1.30	
	Chloroform	--	--	--	ND	--	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	--	0.670	--	0.720	0.770	0.790	0.560	0.800	
	Total Trihalomethanes	80	MCL	--	1.79	--	1.82	2.13	2.15	1.35	2.38	

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 October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-VALL0475		H3-VALL0477	H3-VALL0557		H3-VALL0583
				Residence 475 Valley View Loop		Residence 477 Valley View Loop	Residence 557 Valley View Loop		Residence 583 Valley View Loop
				Field Sample ID	Field Sample ID	Field Sample ID	Field Sample ID	Field Sample ID	Field Sample ID
				Sample Date	Sample Date	Sample Date	Sample Date	Sample Date	Sample Date
				Sample Type	Sample Type	Sample Type	Sample Type	Sample Type	Sample Type
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	--	--
	E. coli	--	--	Absent	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	8.00	19.0	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	690	550	1020	600	--	480
Field Test (pH)	pH	--	--	7.02	7.10	7.09	7.17	--	6.98
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.320	0.260	0.250	--	0.250
Field Test (degrees Celcius)	Temperature	--	--	28.3	43.2	25.8	22.7	--	26.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.110	0.130	0.00	0.00	--	0.320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	--	57900	57100	57200	58100
	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	6.20	--	6.90	10.5	11.6	11.8
	Lead	15	MCL	0.290	--	0.330	0.400	0.490	0.310
	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

Summary of Chemistry Results

Zone H3

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Drinking Water Samples Collected in October 2024 - December 2024 from Residences in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-VALL0475		H3-VALL0477		H3-VALL0557		H3-VALL0583
				Location ID:	Location Type:	Location ID:	Location Type:	Location ID:	Location Type:	Location ID:
				Residence 475 Valley View Loop		Residence 477 Valley View Loop		Residence 557 Valley View Loop		Residence 583 Valley View Loop
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				H3-TW-0013852-24092-A	H3-TW-0013852-24092-A-H	H3-TW-0013853-24092-A	H3-TW-0013859-24092-A	H3-TW-0013859-24092-3-A	H3-TW-0013866-24331-A	
				2024-10-18	2024-10-18	2024-11-14	2024-11-14	2024-11-14	2024-12-05	
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
				ND	--	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	ND	ND	ND	ND
	Pyrene	--	--	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	ND	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	tert-Butylbenzene	--	--	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-VALL0475		H3-VALL0477	H3-VALL0557		H3-VALL0583
				Residence		Residence	Residence		Residence
				475 Valley View Loop		477 Valley View Loop	557 Valley View Loop		583 Valley View Loop
				H3-TW-0013852-24092-A	H3-TW-0013852-24092-A-H	H3-TW-0013853-24092-A	H3-TW-0013859-24092-A	H3-TW-0013859-24092-3-A	H3-TW-0013866-24331-A
				2024-10-18	2024-10-18	2024-11-14	2024-11-14	2024-11-14	2024-12-05
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.270	--	0.270	0.250	0.270	ND
	Bromoform	--	--	0.830	--	0.770	0.800	0.910	0.600
	Chloroform	--	--	ND	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.640	--	0.630	0.640	0.690	0.410
	Total Trihalomethanes	80	MCL	1.74	--	1.67	1.69	1.87	1.01

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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone H3

		Location ID: H3-HYD1641A			H3-HYD1651A				
		Location Type: Hydrant			Hydrant				
		Address: Hydrant 1641			Hydrant 1651				
		Field Sample ID: H3-DL-0017760-24275	H3-DL-0017760-24306	H3-DL-0017760-24336	H3-DL-0017761-24275	H3-DL-0017761-24306	H3-DL-0017761-24306	H3-DL-0017761-24336	H3-DL-0017761-24336
		-A	-A	-A	-A	-A	-3-A	-A	-3-A
		Sample Date: 2024-10-15	2024-11-14	2024-12-09	2024-10-15	2024-11-14	2024-11-14	2024-12-27	2024-12-27
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--
	E. coli	--	--	Absent	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	5.00	--	--	7.00	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	670	980	660	630	540	550
Field Test (pH)	pH	--	--	6.98	7.08	7.31	7.12	7.12	6.86
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.300	0.270	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	29.1	26.8	25.3	28.0	25.4	25.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.97	4.07	0.00	0.710	0.150	1.39
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55600	56500	57100	55100	58200	58000
	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
	Acenaphthylene	--	--	ND	ND	ND	ND	ND	ND
	Anthracene	--	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	ND	ND	ND	ND	ND
Chrysene	--	--	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone H3

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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone H3

		Location ID: H3-HYD1641A			Location ID: H3-HYD1651A						
		Location Type: Hydrant			Location Type: Hydrant						
		Address: Hydrant 1641			Address: Hydrant 1651						
		Field Sample ID: H3-DL-0017760-24275	Field Sample ID: H3-DL-0017760-24306	Field Sample ID: H3-DL-0017760-24336	Field Sample ID: H3-DL-0017761-24275	Field Sample ID: H3-DL-0017761-24306	Field Sample ID: H3-DL-0017761-24306	Field Sample ID: H3-DL-0017761-24336	Field Sample ID: H3-DL-0017761-24336		
		-A	-A	-A	-A	-A	-3-A	-A	-3-A		
		Sample Date: 2024-10-15	Sample Date: 2024-11-14	Sample Date: 2024-12-09	Sample Date: 2024-10-15	Sample Date: 2024-11-14	Sample Date: 2024-11-14	Sample Date: 2024-12-27	Sample Date: 2024-12-27		
		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	ND	ND	ND	ND	ND		
	Fluorene	--	--	ND	ND	ND	ND	ND	ND		
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	ND	ND	ND		
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND		
	Phenanthrene	--	--	ND	ND	ND	ND	ND	ND		
	Pyrene	--	--	ND	ND	ND	ND	ND	ND		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND		
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	ND	--	--		
	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		
	Cumene	--	--	ND	ND	ND	ND	ND	ND		
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND		
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND		
	n-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND		
	n-Propylbenzene	--	--	ND	ND	ND	ND	ND	ND		
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND		
	sec-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND		
	tert-Butylbenzene	--	--	ND	ND	ND	ND	ND	ND		
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND		
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND			
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.290	0.330	ND	0.270	0.290	0.310	0.280	0.280
	Bromoform	--	--	0.930	1.00	0.830	0.880	0.930	0.960	0.960	0.990

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 October 2024 - December 2024 from Hydrants in Zone H3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-HYD1641A			H3-HYD1651A				
				H3-DL-0017760-24275	H3-DL-0017760-24306	H3-DL-0017760-24336	H3-DL-0017761-24275	H3-DL-0017761-24306	H3-DL-0017761-24306	H3-DL-0017761-24336	H3-DL-0017761-24336
				Location ID: H3-HYD1641A			Location ID: H3-HYD1651A				
				Location Type: Hydrant			Location Type: Hydrant				
				Address: Hydrant 1641			Address: Hydrant 1651				
				Field Sample ID: H3-DL-0017760-24275	H3-DL-0017760-24306	H3-DL-0017760-24336	H3-DL-0017761-24275	H3-DL-0017761-24306	H3-DL-0017761-24306	H3-DL-0017761-24336	H3-DL-0017761-24336
				-A	-A	-A	-A	-A	-3-A	-A	-3-A
				Sample Date: 2024-10-15	2024-11-14	2024-12-09	2024-10-15	2024-11-14	2024-11-14	2024-12-27	2024-12-27
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.700	0.790	0.560	0.660	0.710	0.760	0.750	0.720
	Total Trihalomethanes	80	MCL	1.92	2.12	1.39	1.81	1.93	2.03	1.99	1.99

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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone H3

		Location ID:		H3-HYD1676A			
		Location Type:		Hydrant			
		Address:		Hydrant 1676			
		Field Sample ID:		H3-DL-0017759-24275	H3-DL-0017759-24306	H3-DL-0017759-24306	H3-DL-0017759-24336
				-A	-A	-3-A	-A
		Sample Date:		2024-10-15	2024-11-14	2024-11-14	2024-12-27
		Sample Type:		N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	16.0	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	120	510	--	550
Field Test (pH)	pH	--	--	7.15	7.30	--	7.01
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	--	0.270
Field Test (degrees Celcius)	Temperature	--	--	28.8	26.5	--	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.530	0.00	--	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54200	58700	57900	58700
	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
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
	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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Drinking Water Samples Collected in October 2024 - December 2024 from Hydrants in Zone H3

		Location ID:		H3-HYD1676A			
		Location Type:		Hydrant			
		Address:		Hydrant 1676			
		Field Sample ID:		H3-DL-0017759-24275	H3-DL-0017759-24306	H3-DL-0017759-24306	H3-DL-0017759-24336
				-A	-A	-3-A	-A
		Sample Date:		2024-10-15	2024-11-14	2024-11-14	2024-12-27
		Sample Type:		N (Normal)	N (Normal)	FD (Field Duplicate)	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
	Phenanthrene	--	--	ND	ND	ND	ND
	Pyrene	--	--	ND	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	ND
2-(2-Methoxy ethoxy)ethanol		--	--	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	--	--	0.320	0.320	0.310	0.290
	Bromoform	--	--	1.00	0.970	0.950	1.10

Summary of Chemistry Results
Zone H3
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		Location ID:		H3-HYD1676A			
		Location Type:		Hydrant			
		Address:		Hydrant 1676			
		Field Sample ID:		H3-DL-0017759-24275	H3-DL-0017759-24306	H3-DL-0017759-24306	H3-DL-0017759-24336
				-A	-A	-3-A	-A
		Sample Date:		2024-10-15	2024-11-14	2024-11-14	2024-12-27
		Sample Type:		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.760	0.760	0.740	0.740
	Total Trihalomethanes	80	MCL	2.08	2.05	2.00	2.13