

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

**Drinking Water Samples Collected in May/June 2022 from Residences in Zone H3**

<b>Notes:</b>
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)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

		<b>Location ID:</b>		H3-BLAC1861		H3-CLAR0161		H3-COCO0134		H3-HALA0106		H3-HALA0114		H3-HALA0181		H3-HIBI0766	
		<b>Location Type:</b>		Residence		Residence		Residence		Residence		Residence		Residence		Residence	
		<b>Address:</b>		1861 Blackthorn Loop		161 Clarey Place		134 Cocos Place		106 Halawa View Loop		114 Halawa View Loop		181 Halawa View Loop		766 Hibiscus Street	
		<b>Field Sample ID:</b>		H3-TW-0013895-22130-3-A	H3-TW-0013895-22130-A	H3-TW-0013982-22130-A	H3-TW-0013993-22130-A	H3-TW-0014005-22130-A	H3-TW-0014007-22130-A	H3-TW-0013674-22130-A	H3-TW-0013698-22130-A						
		<b>Sample Date:</b>		2022-05-31	2022-05-31	2022-05-31	2022-05-31	2022-05-26	2022-05-31	2022-05-27	2022-05-31						
		<b>Sample Type:</b>		FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)						
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>														
Field Test (ppb)	Free Chlorine	4000	MCL	280	280	90.0	130	650	30.0	650	140						
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	55.4	ND	ND	ND	96.5	65.4	ND						
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND						
	Petroleum Hydrocarbons, Total	211	ISP	ND	55.4	ND	ND	ND	96.5	65.4	ND						
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Arsenic	10	MCL	0.800	0.560	ND	0.600	ND	ND	ND	ND						
	Barium	2000	MCL	4.20	4.40	4.20	4.20	4.30	3.90	4.30	4.00						
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Copper	1300	MCL	30.1	30.4	46.2	42.2	25.0	27.0	56.8	19.8						
	Lead	15	MCL	ND	ND	0.380	0.300	0.180	0.710	0.720	0.320						
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Selenium	50	MCL	2.30	2.00	1.60	ND	0.970	1.60	0.370	1.20						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND						

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		Location ID:	H3-BLAC1861		H3-CLAR0161	H3-COCO0134	H3-HALA0106	H3-HALA0114	H3-HALA0181	H3-HIBI0766
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1861 Blackthorn Loop		161 Clarey Place	134 Cocos Place	106 Halawa View Loop	114 Halawa View Loop	181 Halawa View Loop	766 Hibiscus Street
		Field Sample ID:	H3-TW-0013895-22130-3-A	H3-TW-0013895-22130-A	H3-TW-0013982-22130-A	H3-TW-0013993-22130-A	H3-TW-0014005-22130-A	H3-TW-0014007-22130-A	H3-TW-0013674-22130-A	H3-TW-0013698-22130-A
		Sample Date:	2022-05-31	2022-05-31	2022-05-31	2022-05-31	2022-05-26	2022-05-31	2022-05-27	2022-05-31
		Sample Type:	FD (Field Duplicate)	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)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	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
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	2.20	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H3-BLAC1861		Location ID: H3-CLAR0161		Location ID: H3-COCO0134		Location ID: H3-HALA0106		Location ID: H3-HALA0114		Location ID: H3-HALA0181		Location ID: H3-HIBI0766	
				Residence		Residence		Residence		Residence		Residence		Residence		Residence	
				Address: 1861 Blackthorn Loop		161 Clarey Place		134 Cocos Place		106 Halawa View Loop		114 Halawa View Loop		181 Halawa View Loop		766 Hibiscus Street	
				Field Sample ID: H3-TW-0013895-22130-3-A	H3-TW-0013895-22130-A	H3-TW-0013982-22130-A	H3-TW-0013993-22130-A	H3-TW-0014005-22130-A	H3-TW-0014007-22130-A	H3-TW-0013674-22130-A	H3-TW-0013698-22130-A						
				Sample Date: 2022-05-31	2022-05-31	2022-05-31	2022-05-31	2022-05-26	2022-05-31	2022-05-27	2022-05-31						
				Sample Type: FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)						
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	2.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.500	ND	0.890	ND	ND	ND	0.870	0.950	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.50	1.40	9.60	2.10	0.740	8.90	6.20	1.20						
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND						
	Dibromochloromethane	--	--	1.10	1.20	4.10	1.30	0.610	3.40	3.50	0.840						
	Total Trihalomethanes	80	MCL	3.10	2.70	14.6	3.40	1.30	13.2	10.7	2.00						

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				Location ID:	H3-JUST0181	H3-OCTO0135	H3-OCTO0137	H3-OLIV0115	H3-OLIV0154	H3-ORIG0127	H3-POIN0189	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	181 Justicia Place	135 Octopus Lane	137 Octopus Lane	115 Olive Place	154 Olive Place	127 Orig Place	189 Poinciana Place	
				Field Sample ID:	H3-TW-0013721-22130-A	H3-TW-0013739-22130-A	H3-TW-0013740-22130-A	H3-TW-0013759-22130-A	H3-TW-0013774-22130-A	H3-TW-0013786-22130-A	H3-TW-0013796-22130-3-A	H3-TW-0013796-22130-A
				Sample Date:	2022-05-26	2022-06-07	2022-05-27	2022-06-07	2022-05-26	2022-05-31	2022-05-27	2022-05-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	300	340	380	300	280	300	240	240	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	65.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	65.1
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND	130
Metals (ppb)	Antimony	6	MCL	ND	0.180	ND	0.140	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.780	ND	ND	ND
	Barium	2000	MCL	4.40	3.90	4.30	3.90	4.50	4.10	4.20	4.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	18.9	19.8	23.0	5.60	9.00	122	16.6	17.8	
	Lead	15	MCL	0.250	0.410	0.380	0.540	0.520	0.360	0.280	0.310	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.650	0.950	0.490	0.870	2.60	ND	0.660	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	H3-JUST0181	H3-OCTO0135	H3-OCTO0137	H3-OLIV0115	H3-OLIV0154	H3-ORIG0127	H3-POIN0189	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	181 Justicia Place	135 Octopus Lane	137 Octopus Lane	115 Olive Place	154 Olive Place	127 Orig Place	189 Poinciana Place	
		Field Sample ID:	H3-TW-0013721-22130-A	H3-TW-0013739-22130-A	H3-TW-0013740-22130-A	H3-TW-0013759-22130-A	H3-TW-0013774-22130-A	H3-TW-0013786-22130-A	H3-TW-0013796-22130-3-A	H3-TW-0013796-22130-A
		Sample Date:	2022-05-26	2022-06-07	2022-05-27	2022-06-07	2022-05-26	2022-05-31	2022-05-27	2022-05-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	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
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	H3-JUST0181	H3-OCTO0135	H3-OCTO0137	H3-OLIV0115	H3-OLIV0154	H3-ORIG0127	H3-POIN0189	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	181 Justicia Place	135 Octopus Lane	137 Octopus Lane	115 Olive Place	154 Olive Place	127 Orig Place	189 Poinciana Place	
		Field Sample ID:	H3-TW-0013721-22130-A	H3-TW-0013739-22130-A	H3-TW-0013740-22130-A	H3-TW-0013759-22130-A	H3-TW-0013774-22130-A	H3-TW-0013786-22130-A	H3-TW-0013796-22130-3-A	H3-TW-0013796-22130-A
		Sample Date:	2022-05-26	2022-06-07	2022-05-27	2022-06-07	2022-05-26	2022-05-31	2022-05-27	2022-05-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.540	ND	ND	ND	ND	ND	0.960
	Bromoform	--	--	2.10	1.20	0.600	0.950	1.10	3.40	1.30
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.50	0.780	0.590	0.630	0.900	0.810	0.970
	Total Trihalomethanes	80	MCL	4.10	2.00	1.20	1.60	2.10	4.20	2.30

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-POIN2114	H3-SASS1506	H3-SHOW0106	H3-SHOW0184	H3-VALL0443
				Location Type:	Residence	Residence	Residence	Residence	Residence
				Address:	2114 Point Welcome Place	1506 Sassafras Drive	106 Shower Place	184 Shower Place	443 Valley View Loop
				Field Sample ID:	H3-TW-0013931-22130-A	H3-TW-0013952-22130-A	H3-TW-0011916-22130-A	H3-TW-0013812-22130-A	H3-TW-0013843-22130-A
				Sample Date:	2022-05-31	2022-05-27	2022-05-27	2022-06-01	2022-05-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	130	360	360	360	70.0	280
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	53.8	55.8	55.8	ND	50.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	53.8	55.8	55.8	ND	50.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.550	ND	ND	ND	ND	0.500
	Barium	2000	MCL	4.20	4.30	4.00	4.00	4.00	4.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	35.8	26.1	5.00	5.00	13.4	9.20
	Lead	15	MCL	ND	0.180	1.00	1.00	1.00	0.490
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	0.710	ND	ND	0.750	1.30
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND

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

**Drinking Water Samples Collected in May/June 2022 from Residences in Zone H3**

<b>Notes:</b>
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:
				H3-POIN2114	H3-SASS1506	H3-SHOW0106	H3-SHOW0184	H3-VALL0443
				Residence	Residence	Residence	Residence	Residence
				Address:	Address:	Address:	Address:	Address:
				2114 Point Welcome Place	1506 Sassafras Drive	106 Shower Place	184 Shower Place	443 Valley View Loop
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				H3-TW-0013931-22130-A	H3-TW-0013952-22130-A	H3-TW-0011916-22130-A	H3-TW-0013812-22130-A	H3-TW-0013843-22130-A
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2022-05-31	2022-05-27	2022-05-27	2022-06-01	2022-05-26
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND



**Summary of Chemistry Results  
Zone H3 Long Term Monitoring  
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		<b>Location ID:</b>	H3-POIN2114	H3-SASS1506	H3-SHOW0106	H3-SHOW0184	H3-VALL0443	
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	
		<b>Address:</b>	2114 Point Welcome Place	1506 Sassafras Drive	106 Shower Place	184 Shower Place	443 Valley View Loop	
		<b>Field Sample ID:</b>	H3-TW-0013931-22130-A	H3-TW-0013952-22130-A	H3-TW-0011916-22130-A	H3-TW-0013812-22130-A	H3-TW-0013843-22130-A	
		<b>Sample Date:</b>	2022-05-31	2022-05-27	2022-05-27	2022-06-01	2022-05-26	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>					
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.640	0.520	ND	ND	ND
	Bromoform	--	--	2.00	1.30	0.560	0.660	0.780
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.40	1.00	ND	0.650	0.790
	Total Trihalomethanes	80	MCL	4.00	2.90	0.560	1.20	1.60

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

**Drinking Water Samples Collected in May 2022 from Fire Hydrants in Zone H3**

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		<b>Location ID:</b>	H3-HYD1641A	H3-HYD1651A	H3-HYD1676A	
		<b>Location Type:</b>	Hydrant	Hydrant	Hydrant	
		<b>Address:</b>	Hydrant 1641	Hydrant 1651	Hydrant 1676	
		<b>Field Sample ID:</b>	H3-DL-0017760-22130 -A	H3-DL-0017761-22130 -A	H3-DL-0017759-22130 -A	
		<b>Sample Date:</b>	2022-05-24	2022-05-24	2022-05-24	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Field Test (ppb)	Free Chlorine	4000	MCL	520	450	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	4.50	4.50	4.60
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND
	Copper	1300	MCL	25.8	5.00	3.90
	Lead	15	MCL	3.90	0.810	0.560
	Mercury	2	MCL	0.0280	ND	ND
	Selenium	50	MCL	1.60	1.50	2.90
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND

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

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		<b>Location ID:</b>	H3-HYD1641A	H3-HYD1651A	H3-HYD1676A	
		<b>Location Type:</b>	Hydrant	Hydrant	Hydrant	
		<b>Address:</b>	Hydrant 1641	Hydrant 1651	Hydrant 1676	
		<b>Field Sample ID:</b>	H3-DL-0017760-22130 -A	H3-DL-0017761-22130 -A	H3-DL-0017759-22130 -A	
		<b>Sample Date:</b>	2022-05-24	2022-05-24	2022-05-24	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	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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		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1641	Hydrant 1651	Hydrant 1676	
		Field Sample ID:	H3-DL-0017760-22130 -A	H3-DL-0017761-22130 -A	H3-DL-0017759-22130 -A	
		Sample Date:	2022-05-24	2022-05-24	2022-05-24	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	0.820	1.10	0.820
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	0.640	0.900	0.680
	Total Trihalomethanes	80	MCL	1.50	2.00	1.50