

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

Drinking Water Samples collected in January - April 2023 from Residences in Zone H3

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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§ - Exceeds Screening Level
-- = No Information Available
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		Location ID:	H3-ABEL0187	H3-BLAC1707	H3-BLAC1711	H3-BLAC1712	H3-BLAC1860	H3-BOWE0163	H3-BOWE0171	H3-BOWE0195	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	187 Abelia Place	1707 Blackhaw Place	1711 Blackhaw Place	1712 Blackhaw Place	1860 Blackthorn Loop	163 Bower Place	171 Bower Place	195 Bower Place	
		Field Sample ID:	H3-TW-0013960-22340-A	H3-TW-0013879-22340-A	H3-TW-0013883-22340-A	H3-TW-0013884-22340-A	H3-TW-0013894-22340-A	H3-TW-0013962-22340-A	H3-TW-0013963-22340-A	H3-TW-0013968-22340-A	
		Sample Date:	2023-02-06	2023-02-06	2023-03-17	2023-03-17	2023-02-06	2023-03-17	2023-04-18	2023-02-06	
		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	190	550	640	600	480	560	530	530
Field Test (ppb)	Free Chlorine	4000	MCL	190	550	640	600	480	560	530	530
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	92.6	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	52.3	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	52.3	ND	ND	ND	ND	92.6	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.20	2.20	2.10	2.20	2.20	2.30	2.10	2.30
	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	2.00	2.20	2.30	2.20	2.10	2.20	1.80	2.00
	Copper	1300	MCL	135	110	39.1	34.7	74.3	53.1	83.0	71.9
	Lead	15	MCL	0.510	0.510	0.710	0.170	0.140	0.450	0.420	0.270
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
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 Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	187 Abelia Place	1707 Blackhaw Place	1711 Blackhaw Place	1712 Blackhaw Place	1860 Blackthorn Loop	163 Bower Place	171 Bower Place	195 Bower Place
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		Sample Date:	2023-02-06	2023-02-06	2023-03-17	2023-03-17	2023-02-06	2023-03-17	2023-04-18	2023-02-06
		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)	1,2,4-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 (Total)	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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		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							
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	--	--	0.490	0.980	ND	ND	0.350	0.280	ND
	Bromoform	--	--	2.30	2.70	0.770	0.730	0.860	1.10	0.840
	Chloroform	--	--	ND	0.340	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.70	2.10	0.650	0.640	0.770	0.890	0.560
	Total Trihalomethanes	80	MCL	4.49	6.12	1.42	1.37	1.98	2.27	1.40

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-CHUN0114	H3-CLAR0127	H3-COCO0109	H3-EUCA0171	H3-GREW0175	H3-HALA0142	H3-HIBI0368	H3-HIBI0754
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	114 Chung-Hoon Place	127 Clarey Place	109 Cocos Place	171 Eucalyptus Place	175 Grewia Place	142 Halawa View Loop	368 Hibiscus Street	754 Hibiscus Street
				Field Sample ID:	H3-TW-0013972-22340-A	H3-TW-0013979-22340-A	H3-TW-0013986-22340-A	H3-TW-0013995-22340-A	H3-TW-0014001-22340-A	H3-TW-0014013-22340-A	H3-TW-0013688-22340-A	H3-TW-0013697-22340-A
				Sample Date:	2023-02-06	2023-02-06	2023-03-17	2023-02-06	2023-03-17	2023-02-06	2023-02-06	2023-02-06
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	540	220	200	480	250	410	510	370	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	470	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	75.3	ND	76.1	ND	ND	ND	ND
	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	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	75.3	ND	76.1	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	0.110	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.30	2.10	2.30	2.10	2.40	2.40	2.20	
	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	2.20	2.10	2.30	2.10	2.30	2.00	2.00	2.10	
	Copper	1300	MCL	5.60	16.3	17.1	93.3	51.2	103	76.8	35.5	
	Lead	15	MCL	0.410	0.130	0.170	0.380	0.350	0.660	0.880	0.220	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	0.0130	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

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	114 Chung-Hoon Place	127 Clarey Place	109 Cocos Place	171 Eucalyptus Place	175 Grewia Place	142 Halawa View Loop	368 Hibiscus Street	754 Hibiscus Street	
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		Sample Date:	2023-02-06	2023-02-06	2023-03-17	2023-02-06	2023-03-17	2023-02-06	2023-02-06	2023-02-06	
		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)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	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 (Total)	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	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	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	

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		Sample Date:	2023-02-06	2023-02-06	2023-03-17	2023-02-06	2023-03-17	2023-02-06	2023-02-06	2023-02-06	
		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	H3-CHUN0114	H3-CLAR0127	H3-COCO0109	H3-EUCA0171	H3-GREW0175	H3-HALA0142	H3-HIBI0368	H3-HIBI0754
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	1.10
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	1.10
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	1.10	ND	0.490	1.10	ND	0.430	1.50
	Bromoform	--	--	0.570	4.60	0.660	1.50	7.20	0.570	1.80	8.00
	Chloroform	--	--	ND	0.310	ND	ND	0.280	ND	ND	0.400
	Dibromochloromethane	--	--	0.500	3.50	0.550	1.30	4.40	0.550	1.30	5.80
	Total Trihalomethanes	80	MCL	1.07	9.51	1.21	3.29	13.0	1.12	3.53	15.7

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	177 Jasmine Place	195 Jasmine Place	185 Justicia Place	103 Koa Place	181 MacDonald Place	150 Octopus Lane	155 Octopus Lane	119 Olive Place	
		Field Sample ID:	H3-TW-0013708-22340-A	H3-TW-0013710-22340-A	H3-TW-0013722-22340-A	H3-TW-0013726-22340-A	H3-TW-0013736-22340-A	H3-TW-0013748-22340-A	H3-TW-0013753-22340-A	H3-TW-0013762-22340-3-A	
		Sample Date:	2023-02-06	2023-04-21	2023-03-16	2023-04-21	2023-03-17	2023-03-17	2023-03-16	2023-04-21	
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Field Test (ppb)	Free Chlorine	4000	MCL	110	570	520	530	100	720	620	580
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	64.2	79.6
	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	266	ISP	ND	ND	ND	ND	ND	ND	64.2	79.6
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.40	2.50	2.20	2.10	2.30	2.10	2.10	2.10
	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	2.00	1.50	2.40	1.60	2.40	2.20	2.50	1.50
	Copper	1300	MCL	72.5	85.9	43.8	26.6	61.8	12.8	22.0	8.80
	Lead	15	MCL	0.370	0.360	0.470	0.150	0.330	0.260	0.290	0.670
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
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

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

Drinking Water Samples collected in January - April 2023 from Residences in Zone H3

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		Location ID:	H3-JASM0177	H3-JASM0195	H3-JUST0185	H3-KOAP0103	H3-MACD0181	H3-OCTO0150	H3-OCTO0155	H3-OLIV0119
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	177 Jasmine Place	195 Jasmine Place	185 Justicia Place	103 Koa Place	181 MacDonald Place	150 Octopus Lane	155 Octopus Lane	119 Olive Place
		Field Sample ID:	H3-TW-0013708-22340-A	H3-TW-0013710-22340-A	H3-TW-0013722-22340-A	H3-TW-0013726-22340-A	H3-TW-0013736-22340-A	H3-TW-0013748-22340-A	H3-TW-0013753-22340-A	H3-TW-0013762-22340-3-A
		Sample Date:	2023-02-06	2023-04-21	2023-03-16	2023-04-21	2023-03-17	2023-03-17	2023-03-16	2023-04-21
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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 (Total)	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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Zone H3 Long Term Monitoring
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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	177 Jasmine Place	195 Jasmine Place	185 Justicia Place	103 Koa Place	181 MacDonald Place	150 Octopus Lane	155 Octopus Lane	119 Olive Place
		Field Sample ID:	H3-TW-0013708-22340-A	H3-TW-0013710-22340-A	H3-TW-0013722-22340-A	H3-TW-0013726-22340-A	H3-TW-0013736-22340-A	H3-TW-0013748-22340-A	H3-TW-0013753-22340-A	H3-TW-0013762-22340-3-A
		Sample Date:	2023-02-06	2023-04-21	2023-03-16	2023-04-21	2023-03-17	2023-03-17	2023-03-16	2023-04-21
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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	--	--	0.370	0.290	ND	ND	0.390	ND	ND
	Bromoform	--	--	1.00	1.10	1.30	0.550	2.00	0.660	0.670
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.900	0.830	0.920	0.360	1.40	0.570	0.590
	Total Trihalomethanes	80	MCL	2.27	2.22	2.22	0.910	3.79	1.23	1.26

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-OLIV0119	H3-OLIV0137	H3-OLIV0139	H3-OLIV0146		H3-ORIG0122	H3-POIN2024	H3-POIN2103
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	119 Olive Place	137 Olive Place	139 Olive Place	146 Olive Place		122 Orig Place	2024 Point Welcome Place	2103 Point Welcome Place
				Field Sample ID:	H3-TW-0013762-22340-A	H3-TW-0013768-22340-A	H3-TW-0013769-22340-A	H3-TW-0013771-22340-3-A	H3-TW-0013771-22340-A	H3-TW-0013782-22340-A	H3-TW-0013920-22340-A	H3-TW-0013923-22340-3-A
				Sample Date:	2023-04-21	2023-04-21	2023-04-21	2023-02-06	2023-02-06	2023-03-17	2023-04-21	2023-04-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	580	600	790	550	550	630	400	450	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	310	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.7	ND	ND	ND	ND	ND	88.7	58.8	
	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	266	ISP	56.7	ND	ND	ND	ND	ND	88.7	58.8	
Metals (ppb)	Antimony	6	MCL	ND	0.140	0.120	ND	ND	0.140	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.30	2.10	2.20	2.00	2.00	2.10	2.70	2.30	
	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	1.90	1.70	1.70	2.00	2.10	2.90	1.60	1.60	
	Copper	1300	MCL	9.80	15.7	6.40	6.70	15.3	17.9	116	10.7	
	Lead	15	MCL	0.700	0.800	0.820	0.490	0.970	0.690	0.310	0.140	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.350	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0790	0.0750	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	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-OLIV0119	H3-OLIV0137	H3-OLIV0139	H3-OLIV0146		H3-ORIG0122	H3-POIN2024	H3-POIN2103
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	119 Olive Place	137 Olive Place	139 Olive Place	146 Olive Place		122 Orig Place	2024 Point Welcome Place	2103 Point Welcome Place
				Field Sample ID:	H3-TW-0013762-22340-A	H3-TW-0013768-22340-A	H3-TW-0013769-22340-A	H3-TW-0013771-22340-3-A	H3-TW-0013771-22340-A	H3-TW-0013782-22340-A	H3-TW-0013920-22340-A	H3-TW-0013923-22340-3-A
				Sample Date:	2023-04-21	2023-04-21	2023-04-21	2023-02-06	2023-02-06	2023-03-17	2023-04-21	2023-04-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	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-OLIV0119	H3-OLIV0137	H3-OLIV0139	H3-OLIV0146		H3-ORIG0122	H3-POIN2024	H3-POIN2103
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	119 Olive Place	137 Olive Place	139 Olive Place	146 Olive Place		122 Orig Place	2024 Point Welcome Place	2103 Point Welcome Place
				Field Sample ID:	H3-TW-0013762-22340-A	H3-TW-0013768-22340-A	H3-TW-0013769-22340-A	H3-TW-0013771-22340-3-A	H3-TW-0013771-22340-A	H3-TW-0013782-22340-A	H3-TW-0013920-22340-A	H3-TW-0013923-22340-3-A
				Sample Date:	2023-04-21	2023-04-21	2023-04-21	2023-02-06	2023-02-06	2023-03-17	2023-04-21	2023-04-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.590	ND
	Bromoform	--	--	0.550	1.10	0.550	0.570	0.580	0.740	3.00	0.790	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.360	0.560	0.420	0.490	0.530	0.590	1.90	0.530	
	Total Trihalomethanes	80	MCL	0.910	1.66	0.970	1.06	1.11	1.33	5.49	1.32	

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		Location ID:	H3-POIN2103	H3-POIN2108	H3-POIN2111	H3-SASS1402	H3-SASS1505	H3-VALL0250	H3-VALL0346	H3-VALL0490	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2103 Point Welcome Place	2108 Point Welcome Place	2111 Point Welcome Place	1402 Sassafras Drive	1505 Sassafras Drive	250 Valley View Loop	346 Valley View Loop	490 Valley View Loop	
		Field Sample ID:	H3-TW-0013923-22340-A	H3-TW-0013926-22340-A	H3-TW-0013928-22340-A	H3-TW-0013938-22340-A	H3-TW-0013951-22340-A	H3-TW-0013822-22340-A	H3-TW-0013829-22340-A	H3-TW-0013856-22340-A	
		Sample Date:	2023-04-21	2023-03-17	2023-04-21	2023-03-17	2023-03-17	2023-03-17	2023-04-21	2023-03-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	450	440	670	180	50.0	630	570	370
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.3	72.0	75.5	ND	52.3	63.8	84.7	72.0
	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	266	ISP	52.3	72.0	75.5	ND	52.3	63.8	84.7	72.0
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.110	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.20	2.10	2.10	2.10	2.00	2.10	2.10
	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	1.50	2.40	1.50	1.90	2.20	2.20	1.50	2.30
	Copper	1300	MCL	11.1	71.9	27.9	36.5	63.9	13.7	35.6	4.10
	Lead	15	MCL	0.180	0.300	0.260	ND	ND	0.430	0.310	0.350
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-POIN2103	H3-POIN2108	H3-POIN2111	H3-SASS1402	H3-SASS1505	H3-VALL0250	H3-VALL0346	H3-VALL0490
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2103 Point Welcome Place	2108 Point Welcome Place	2111 Point Welcome Place	1402 Sassafras Drive	1505 Sassafras Drive	250 Valley View Loop	346 Valley View Loop	490 Valley View Loop
				Field Sample ID:	H3-TW-0013923-22340-A	H3-TW-0013926-22340-A	H3-TW-0013928-22340-A	H3-TW-0013938-22340-A	H3-TW-0013951-22340-A	H3-TW-0013822-22340-A	H3-TW-0013829-22340-A	H3-TW-0013856-22340-A
				Sample Date:	2023-04-21	2023-03-17	2023-04-21	2023-03-17	2023-03-17	2023-03-17	2023-04-21	2023-03-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone H3 Long Term Monitoring
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		Location ID:	H3-POIN2103	H3-POIN2108	H3-POIN2111	H3-SASS1402	H3-SASS1505	H3-VALL0250	H3-VALL0346	H3-VALL0490
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2103 Point Welcome Place	2108 Point Welcome Place	2111 Point Welcome Place	1402 Sassafras Drive	1505 Sassafras Drive	250 Valley View Loop	346 Valley View Loop	490 Valley View Loop
		Field Sample ID:	H3-TW-0013923-22340-A	H3-TW-0013926-22340-A	H3-TW-0013928-22340-A	H3-TW-0013938-22340-A	H3-TW-0013951-22340-A	H3-TW-0013822-22340-A	H3-TW-0013829-22340-A	H3-TW-0013856-22340-A
		Sample Date:	2023-04-21	2023-03-17	2023-04-21	2023-03-17	2023-03-17	2023-03-17	2023-04-21	2023-03-17
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	1.50	0.880	ND	0.700	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	1.50	0.880	ND	0.700	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	1.50	ND	0.330	ND	0.440	ND	0.260
	Bromoform	--	--	9.40	0.650	1.20	4.10	1.20	0.640	0.900
	Chloroform	--	--	0.440	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	5.00	0.610	0.860	0.870	1.00	0.540	0.640
	Total Trihalomethanes	80	MCL	16.3	1.26	2.39	4.97	2.64	1.18	1.80

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Location ID:	H3-VALL0597
Location Type:	Residence
Address:	597 Valley View Loop
Field Sample ID:	H3-TW-0013869-22340-A
Sample Date:	2023-02-06
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	610
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	2.30
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	2.10
	Copper	1300	MCL	3.60
	Lead	15	MCL	0.590
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

Summary of Chemistry Results
Zone H3 Long Term Monitoring
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Location ID:	H3-VALL0597
Location Type:	Residence
Address:	597 Valley View Loop
Field Sample ID:	H3-TW-0013869-22340-A
Sample Date:	2023-02-06
Sample Type:	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
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND
	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND

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Location ID:	H3-VALL0597
Location Type:	Residence
Address:	597 Valley View Loop
Field Sample ID:	H3-TW-0013869-22340-A
Sample Date:	2023-02-06
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.290
	Bromoform	--	--	0.680
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.610
	Total Trihalomethanes	80	MCL	1.58

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

Drinking Water Samples collected in January - April 2023 from Fire Hydrants in Zone H3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-HYD1651A		H3-HYD1676A
				Location Type:	Hydrant		Hydrant
				Address:	Hydrant 1651		Hydrant 1676
				Field Sample ID:	H3-DL-0017760-22340-A	H3-DL-0017761-22340-3-A	H3-DL-0017761-22340-A
				Sample Date:	2023-02-06	2023-04-26	2023-04-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	620	600	600	640
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	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 Motor Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120
	Arsenic	10	MCL	ND	0.550	0.640	0.670
	Barium	2000	MCL	2.00	2.20	2.20	2.20
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	2.00	2.20	2.20	2.00
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	0.0740
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	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 January - April 2023 from Fire Hydrants in Zone H3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-HYD1651A		H3-HYD1676A	
				H3-HYD1641A	Hydrant		Hydrant	
				Hydrant	Hydrant 1651		Hydrant 1676	
				Hydrant 1641	Hydrant 1651		Hydrant 1676	
				Field Sample ID:	H3-DL-0017760-22340-A	H3-DL-0017761-22340-3-A	H3-DL-0017761-22340-A	H3-DL-0017759-22340-A
				Sample Date:	2023-02-06	2023-04-26	2023-04-26	2023-04-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	
	Vinyl chloride	2	MCL	ND	ND	ND	ND	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
Chloroacetic acid		--	--	ND	ND	ND	ND	
Dibromoacetic acid		--	--	ND	ND	1.10	ND	
Dichloroacetic acid		--	--	ND	ND	ND	ND	
Trichloroacetic acid		--	--	ND	ND	ND	ND	
Total Haloacetic acids		60	MCL	ND	ND	1.10	ND	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-HYD1651A		H3-HYD1676A
				H3-HYD1641A	Hydrant	Hydrant	Hydrant
				Address:	Hydrant 1651		Hydrant 1676
				Field Sample ID:	H3-DL-0017760-22340-A	H3-DL-0017761-22340-3-A	H3-DL-0017761-22340-A
				Sample Date:	2023-02-06	2023-04-26	2023-04-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	0.570	0.540	0.480	0.470
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.490	0.500	0.510	0.510
	Total Trihalomethanes	80	MCL	1.06	1.04	0.990	0.980