

**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 - March 2024 from Residences in Zone H3**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-BLAC1801		H3-BLAC1803	H3-BLAC1805		H3-BLAC1858	H3-CHUN0110	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	1801 Blackthorn Loop		1803 Blackthorn Loop	1805 Blackthorn Loop		1858 Blackthorn Loop	110 Chung-Hoon Place	
				Field Sample ID:	H3-TW-0013874-23335-A	H3-TW-0013886-23335-A	H3-TW-0013886-23335-3-A	H3-TW-0013887-23335-A	H3-TW-0013888-23335-A	H3-TW-0013888-23335-A-P	H3-TW-0013892-23335-A	H3-TW-0013971-23335-A
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-05	2024-01-05	2024-01-29	2024-01-29
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	690	470	470	550	540	540	650	710	
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	92.1	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	55.0	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	147	ND	ND	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	1.70	1.80	1.70	1.80	1.80	1.80	1.80	1.70	
	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	0.830	ND	1.00	0.910	1.40	1.80	0.830	1.00	
	Copper	1300	MCL	28.6	31.8	30.9	23.4	19.3	20.0	31.7	7.10	
	Lead	15	MCL	ND	ND	0.140	0.130	0.200	ND	0.210	0.840	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.20	1.20	1.30	1.30	2.00	ND	1.30	1.60	
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-BLAC1801		H3-BLAC1803	H3-BLAC1805		H3-BLAC1858	H3-CHUN0110	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	1801 Blackthorn Loop		1803 Blackthorn Loop	1805 Blackthorn Loop		1858 Blackthorn Loop	110 Chung-Hoon Place	
				Field Sample ID:	H3-TW-0013874-23335-A	H3-TW-0013886-23335-A	H3-TW-0013886-23335-3-A	H3-TW-0013887-23335-A	H3-TW-0013888-23335-A	H3-TW-0013888-23335-A-P	H3-TW-0013892-23335-A	H3-TW-0013971-23335-A
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-05	2024-01-05	2024-01-29	2024-01-29
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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

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		Location ID:	H3-BLAC1701	H3-BLAC1801		H3-BLAC1803	H3-BLAC1805		H3-BLAC1858	H3-CHUN0110	
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence	
		Address:	1701 Blackhaw Place	1801 Blackthorn Loop		1803 Blackthorn Loop	1805 Blackthorn Loop		1858 Blackthorn Loop	110 Chung-Hoon Place	
		Field Sample ID:	H3-TW-0013874-23335-A	H3-TW-0013886-23335-A	H3-TW-0013886-23335-3-A	H3-TW-0013887-23335-A	H3-TW-0013888-23335-A	H3-TW-0013888-23335-A-P	H3-TW-0013892-23335-A	H3-TW-0013971-23335-A	
		Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-05	2024-01-05	2024-01-29	2024-01-29	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	ND	1.10	ND	ND
	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	1.10	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.460	ND	ND	ND	ND
	Bromoform	--	--	0.640	0.760	0.720	1.20	0.690	0.520	0.750	0.590
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.550	0.620	0.600	0.960	0.540	ND	0.590	0.540
	Total Trihalomethanes	80	MCL	1.19	1.38	1.32	2.62	1.23	0.520	1.34	1.13

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-COCO0130	H3-EUCA0193	H3-HALA0127					
				Location Type:	Residence	Residence	Residence					
				Address:	130 Cocos Place	193 Eucalyptus Place	127 Halawa View Loop					
				Field Sample ID:	H3-TW-0013991-23335-A	H3-TW-0013999-23335-A	H3-TW-0014011-23335-A	H3-TW-0014011-23335-A-P	H3-TW-0014011-23335-A-R1	H3-TW-0014011-23335-A-R1-P	H3-TW-0014011-23335-A-1	H3-TW-0014011-23335-A-1-P
				Sample Date:	2024-01-29	2024-01-29	2024-02-09	2024-02-09	2024-03-13	2024-03-13	2024-03-13	2024-03-13
				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	820	370	600	600	580-640	580-640	580-640	580-640	
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	67.0	--	--	--	--	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	--	--	--	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	--	--	--	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	67.0	--	--	--	--	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	--	--	--	--	
	Arsenic	10	MCL	ND	ND	ND	ND	--	--	--	--	
	Barium	2000	MCL	1.70	2.10	1.70	1.60	--	--	--	--	
	Beryllium	4	MCL	ND	ND	ND	ND	--	--	--	--	
	Cadmium	5	MCL	ND	ND	ND	ND	--	--	--	--	
	Chromium	100	MCL	0.870	0.990	ND	1.50	--	--	--	--	
	Copper	1300	MCL	37.3	29.2	57.1	56.0	--	--	--	--	
	Lead	15	MCL	0.190	0.220	0.170	ND	--	--	--	--	
	Mercury	2	MCL	ND	ND	ND	ND	--	--	--	--	
	Selenium	50	MCL	1.20	1.40	1.60	1.10	--	--	--	--	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	--	--	--	--	
	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	--	--	--	--	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	--	--	--	--	
	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	--	--	--	--	

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				Location Type:	Residence	Residence	Residence					
				Address:	130 Cocos Place	193 Eucalyptus Place	127 Halawa View Loop					
				Field Sample ID:	H3-TW-0013991-23335-A	H3-TW-0013999-23335-A	H3-TW-0014011-23335-A	H3-TW-0014011-23335-A-P	H3-TW-0014011-23335-A-R1	H3-TW-0014011-23335-A-R1-P	H3-TW-0014011-23335-A-1	H3-TW-0014011-23335-A-1-P
				Sample Date:	2024-01-29	2024-01-29	2024-02-09	2024-02-09	2024-03-13	2024-03-13	2024-03-13	2024-03-13
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	--	--	--	--	--
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	--	--	--	--	--
	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	ND	0.800	--	--	--	--	--
	Dichloroacetic acid	--	--	ND	ND	ND	ND	--	--	--	--	--

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				Location Type:	Residence	Residence	Residence					
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				Field Sample ID:	H3-TW-0013991-23335-A	H3-TW-0013999-23335-A	H3-TW-0014011-23335-A	H3-TW-0014011-23335-A-P	H3-TW-0014011-23335-A-R1	H3-TW-0014011-23335-A-R1-P	H3-TW-0014011-23335-A-1	H3-TW-0014011-23335-A-1-P
				Sample Date:	2024-01-29	2024-01-29	2024-02-09	2024-02-09	2024-03-13	2024-03-13	2024-03-13	2024-03-13
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	ND	ND	0.800	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.440	ND	ND	--	--	--	--	--
	Bromoform	--	--	0.630	2.40	0.690	0.640	--	--	--	--	--
	Chloroform	--	--	ND	ND	ND	ND	--	--	--	--	--
	Dibromochloromethane	--	--	0.540	1.40	0.560	ND	--	--	--	--	--
	Total Trihalomethanes	80	MCL	1.17	4.24	1.25	0.640	--	--	--	--	--

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		H3-HALA0127						H3-HALA0130	H3-HALA0147		
		Residence						Residence	Residence		
		127 Halawa View Loop						130 Halawa View Loop	147 Halawa View Loop		
		H3-TW-0014011-23335-A-2	H3-TW-0014011-23335-A-2-P	H3-TW-0014011-23335-A-3	H3-TW-0014011-23335-A-3-P	H3-TW-0014011-23335-A-4	H3-TW-0014011-23335-A-4-P	H3-TW-0011944-23335-A	H3-TW-0014015-23335-A		
		2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-01-29	2024-01-29		
		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	580-640	580-640	580-640	580-640	580-640	580-640	690	580
Field Test (ppb)	Free Chlorine	4000	MCL	580-640	580-640	580-640	580-640	580-640	580-640	690	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
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	--	--	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	--	--	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	--	--	--	--	--	--	ND	ND
Metals (ppb)	Antimony	6	MCL	--	--	--	--	--	--	ND	ND
	Arsenic	10	MCL	--	--	--	--	--	--	ND	ND
	Barium	2000	MCL	--	--	--	--	--	--	1.80	1.70
	Beryllium	4	MCL	--	--	--	--	--	--	ND	ND
	Cadmium	5	MCL	--	--	--	--	--	--	ND	ND
	Chromium	100	MCL	--	--	--	--	--	--	0.930	ND
	Copper	1300	MCL	--	--	--	--	--	--	24.0	52.0
	Lead	15	MCL	--	--	--	--	--	--	0.220	0.180
	Mercury	2	MCL	--	--	--	--	--	--	ND	ND
	Selenium	50	MCL	--	--	--	--	--	--	1.20	0.810
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	--	--	--	--	--	--	ND	ND
	1-Methylnaphthalene	10	EAL	--	--	--	--	--	--	ND	ND
	2-Methylnaphthalene	10	EAL	--	--	--	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	--	--	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	--	--	--	--	--	--	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	--	--	--	--	--	ND	ND
	1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	--	--	--	--	--	--	ND	ND
	1,1-Dichloroethene	7	MCL	--	--	--	--	--	--	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 - March 2024 from Residences in Zone H3**

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		H3-HALA0127						H3-HALA0130	H3-HALA0147
		Residence						Residence	Residence
		127 Halawa View Loop						130 Halawa View Loop	147 Halawa View Loop
		H3-TW-0014011-23335-A-2	H3-TW-0014011-23335-A-2-P	H3-TW-0014011-23335-A-3	H3-TW-0014011-23335-A-3-P	H3-TW-0014011-23335-A-4	H3-TW-0014011-23335-A-4-P	H3-TW-0011944-23335-A	H3-TW-0014015-23335-A
		2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-03-13	2024-01-29	2024-01-29
		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
	1,2-Dichlorobenzene	600	MCL	--	--	--	--	ND	ND
	1,2-Dichloroethane	5	MCL	--	--	--	--	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	--	--	--	--	ND	ND
	1,2-Dichloropropane	5	MCL	--	--	--	--	ND	ND
	1,4-Dichlorobenzene	75	MCL	--	--	--	--	ND	ND
	Benzene	5	MCL	--	--	--	--	ND	ND
	Carbon Tetrachloride	5	MCL	--	--	--	--	ND	ND
	Chlorobenzene	100	MCL	--	--	--	--	ND	ND
	cis-1,2-Dichloroethene	70	MCL	--	--	--	--	ND	ND
	Ethylbenzene	700	MCL	--	--	--	--	ND	ND
	m,p-Xylene	--	--	--	--	--	--	ND	ND
	Methylene chloride	5	MCL	--	--	--	--	ND	ND
	o-Xylene	--	--	--	--	--	--	ND	ND
	Styrene	100	MCL	--	--	--	--	ND	ND
	Tetrachloroethene (PCE)	5	MCL	--	--	--	--	ND	ND
	Toluene	1000	MCL	--	--	--	--	ND	ND
	trans-1,2-Dichloroethene	100	MCL	--	--	--	--	ND	ND
	Trichloroethene (TCE)	5	MCL	--	--	--	--	ND	ND
	Vinyl chloride	2	MCL	--	--	--	--	ND	ND
Xylenes, Total	10000	MCL	--	--	--	--	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	--	--	--	ND	ND
	Chloroacetic acid	--	--	--	--	--	--	ND	ND
	Dibromoacetic acid	--	--	--	--	--	--	ND	ND
	Dichloroacetic acid	--	--	--	--	--	--	ND	ND



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		Location ID: H3-HALA0127						Location ID: H3-HALA0130	Location ID: H3-HALA0147
		Location Type: Residence						Location Type: Residence	Location Type: Residence
		Address: 127 Halawa View Loop						Address: 130 Halawa View Loop	Address: 147 Halawa View Loop
		Field Sample ID: H3-TW-0014011-23335-A-2	Field Sample ID: H3-TW-0014011-23335-A-2-P	Field Sample ID: H3-TW-0014011-23335-A-3	Field Sample ID: H3-TW-0014011-23335-A-3-P	Field Sample ID: H3-TW-0014011-23335-A-4	Field Sample ID: H3-TW-0014011-23335-A-4-P	Field Sample ID: H3-TW-0011944-23335-A	Field Sample ID: H3-TW-0014015-23335-A
		Sample Date: 2024-03-13	Sample Date: 2024-03-13	Sample Date: 2024-03-13	Sample Date: 2024-03-13	Sample Date: 2024-03-13	Sample Date: 2024-03-13	Sample Date: 2024-01-29	Sample Date: 2024-01-29
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	--	--	--	--	ND	ND
	Total Haloacetic acids	60	MCL	--	--	--	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	--	ND	ND
	Bromoform	--	--	--	--	--	--	0.650	0.470
	Chloroform	--	--	--	--	--	--	ND	ND
	Dibromochloromethane	--	--	--	--	--	--	0.470	0.340
	Total Trihalomethanes	80	MCL	--	--	--	--	1.12	0.810

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-HALA0185	H3-HALA0189	H3-HALA0193	H3-HALA0229		H3-HIBI0380		H3-JUST0131
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	185 Halawa View Loop	189 Halawa View Loop	193 Halawa View Loop	229 Halawa View Circle		380 Hibiscus Street		131 Justicia Place
				Field Sample ID:	H3-TW-0013675-23335-A	H3-TW-0013676-23335-A	H3-TW-0013677-23335-A	H3-TW-0013682-23335-A	H3-TW-0013682-23335-A-P	H3-TW-0013689-23335-A	H3-TW-0013689-23335-A-P	H3-TW-0013712-23335-A
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-02-02	2024-02-02	2024-01-15	2024-01-15	2024-01-29
				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	470	590	440	670	670	530	530	420	
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	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	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.610	ND	ND	
	Barium	2000	MCL	1.70	1.60	1.70	1.70	1.60	2.00	1.90	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	0.830	ND	ND	0.700	1.90	1.00	1.70	ND	
	Copper	1300	MCL	91.4	59.3	123	48.3	47.6	24.4	27.9	105	
	Lead	15	MCL	2.60	0.130	0.300	0.240	ND	0.250	ND	0.200	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.20	1.20	0.910	0.920	1.30	0.640	1.60	1.00	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0560	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-HALA0185	H3-HALA0189	H3-HALA0193	H3-HALA0229		H3-HIBI0380		H3-JUST0131
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	185 Halawa View Loop	189 Halawa View Loop	193 Halawa View Loop	229 Halawa View Circle		380 Hibiscus Street		131 Justicia Place
				Field Sample ID:	H3-TW-0013675-23335-A	H3-TW-0013676-23335-A	H3-TW-0013677-23335-A	H3-TW-0013682-23335-A	H3-TW-0013682-23335-A-P	H3-TW-0013689-23335-A	H3-TW-0013689-23335-A-P	H3-TW-0013712-23335-A
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-02-02	2024-02-02	2024-01-15	2024-01-15	2024-01-29
				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

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		Location ID:	H3-HALA0185	H3-HALA0189	H3-HALA0193	H3-HALA0229		H3-HIBI0380		H3-JUST0131	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	185 Halawa View Loop	189 Halawa View Loop	193 Halawa View Loop	229 Halawa View Circle		380 Hibiscus Street		131 Justicia Place	
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		Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-02-02	2024-02-02	2024-01-15	2024-01-15	2024-01-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	0.480	ND	0.760	ND
	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	0.480	ND	0.760	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.280
	Bromoform	--	--	0.340	0.590	0.310	0.620	0.820	0.810	0.640	1.00
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.260	0.440	ND	0.440	ND	0.650	ND	0.770
	Total Trihalomethanes	80	MCL	0.600	1.03	0.310	1.06	0.820	1.46	0.640	2.05

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		<b>Location ID:</b>		H3-JUST0139		H3-OCTO0144		H3-OCTO0151	H3-OCTO0152		H3-OCTO0154
		<b>Location Type:</b>		Residence		Residence		Residence	Residence		Residence
		<b>Address:</b>		139 Justicia Place		144 Octopus Lane		151 Octopus Lane	152 Octopus Lane		154 Octopus Lane
		<b>Field Sample ID:</b>		H3-TW-0013714-23335-A	H3-TW-0013714-23335-A-P	H3-TW-0013744-23335-A	H3-TW-0013744-23335-3-A	H3-TW-0013749-23335-A	H3-TW-0013750-23335-A	H3-TW-0013750-23335-A-P	H3-TW-0013752-23335-A
		<b>Sample Date:</b>		2024-01-08	2024-01-08	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	500	500	620	620	530	580	580	600
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.7	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	266	ISP	52.7	ND	ND	ND	ND	ND	ND	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	2.00	2.00	1.80	1.80	1.70	1.70	1.70	1.70
	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	1.00	1.70	1.00	ND	ND	0.920	1.40	0.820
	Copper	1300	MCL	19.7	20.8	21.4	21.0	27.1	15.9	15.7	33.7
	Lead	15	MCL	0.210	ND	0.230	0.280	0.180	0.190	ND	0.250
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.300	ND	1.40	1.20	1.20	1.10	ND	0.900
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.510	ND	0.0630	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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		<b>Location ID:</b>		H3-JUST0139		H3-OCTO0144		H3-OCTO0151	H3-OCTO0152		H3-OCTO0154
		<b>Location Type:</b>		Residence		Residence		Residence	Residence		Residence
		<b>Address:</b>		139 Justicia Place		144 Octopus Lane		151 Octopus Lane	152 Octopus Lane		154 Octopus Lane
		<b>Field Sample ID:</b>		H3-TW-0013714-23335-A	H3-TW-0013714-23335-A-P	H3-TW-0013744-23335-A	H3-TW-0013744-23335-3-A	H3-TW-0013749-23335-A	H3-TW-0013750-23335-A	H3-TW-0013750-23335-A-P	H3-TW-0013752-23335-A
		<b>Sample Date:</b>		2024-01-08	2024-01-08	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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>								
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	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
	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	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	0.920	ND	ND	ND	ND	0.510	ND
	Dichloroacetic acid	--	--	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**

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		<b>Location ID:</b>		H3-JUST0139		H3-OCTO0144		H3-OCTO0151	H3-OCTO0152		H3-OCTO0154
		<b>Location Type:</b>		Residence		Residence		Residence	Residence		Residence
		<b>Address:</b>		139 Justicia Place		144 Octopus Lane		151 Octopus Lane	152 Octopus Lane		154 Octopus Lane
		<b>Field Sample ID:</b>		H3-TW-0013714-23335-A	H3-TW-0013714-23335-A-P	H3-TW-0013744-23335-A	H3-TW-0013744-23335-3-A	H3-TW-0013749-23335-A	H3-TW-0013750-23335-A	H3-TW-0013750-23335-A-P	H3-TW-0013752-23335-A
		<b>Sample Date:</b>		2024-01-08	2024-01-08	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	0.920	ND	ND	ND	ND	0.510	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.270	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.00	0.800	0.670	0.550	0.570	0.620	ND	0.600
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.740	0.620	0.560	0.500	0.460	0.510	ND	0.510
	Total Trihalomethanes	80	MCL	2.01	1.42	1.23	1.05	1.03	1.13	ND	1.11

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		Location ID:	H3-OLIV0127	H3-OLIV0133	H3-OLIV0135	H3-ORIG0130	H3-POIN2009	H3-POIN2012	H3-POIN2105	H3-POIN2107	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	127 Olive Place	133 Olive Place	135 Olive Place	130 Orig Place	2009 Point Welcome Place	2012 Point Welcome Place	2105 Point Welcome Place	2107 Point Welcome Place	
		Field Sample ID:	H3-TW-0013764-23335-A	H3-TW-0013766-23335-A	H3-TW-0013767-23335-A	H3-TW-0013788-23335-A	H3-TW-0013908-23335-A	H3-TW-0011930-23335-A	H3-TW-0013924-23335-A	H3-TW-0013925-23335-A	
		Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-03-22	2024-03-21	2024-01-29	2024-01-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H3-OLIV0127	H3-OLIV0133	H3-OLIV0135	H3-ORIG0130	H3-POIN2009	H3-POIN2012	H3-POIN2105	H3-POIN2107
Field Test (ppb)	Free Chlorine	4000	MCL	470	640	650	550	150	40.0	570	930
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	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	266	ISP	ND	ND	ND	ND	ND	ND	ND	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	1.70	1.70	1.80	1.80	2.20	2.30	1.70	1.70
	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	0.850	1.20	1.20	0.920	ND
	Copper	1300	MCL	7.60	9.20	8.00	117	80.0	69.4	10.0	31.2
	Lead	15	MCL	0.540	0.330	0.640	ND	0.300	0.280	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.990	1.20	1.00	1.10	2.10	1.40	1.40	1.10
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0600	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-OLIV0127	H3-OLIV0133	H3-OLIV0135	H3-ORIG0130	H3-POIN2009	H3-POIN2012	H3-POIN2105	H3-POIN2107
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	127 Olive Place	133 Olive Place	135 Olive Place	130 Orig Place	2009 Point Welcome Place	2012 Point Welcome Place	2105 Point Welcome Place	2107 Point Welcome Place
				Field Sample ID:	H3-TW-0013764-23335-A	H3-TW-0013766-23335-A	H3-TW-0013767-23335-A	H3-TW-0013788-23335-A	H3-TW-0013908-23335-A	H3-TW-0011930-23335-A	H3-TW-0013924-23335-A	H3-TW-0013925-23335-A
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-03-22	2024-03-21	2024-01-29	2024-01-29
				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

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		<b>Location ID:</b>	H3-OLIV0127	H3-OLIV0133	H3-OLIV0135	H3-ORIG0130	H3-POIN2009	H3-POIN2012	H3-POIN2105	H3-POIN2107
		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	127 Olive Place	133 Olive Place	135 Olive Place	130 Orig Place	2009 Point Welcome Place	2012 Point Welcome Place	2105 Point Welcome Place	2107 Point Welcome Place
		<b>Field Sample ID:</b>	H3-TW-0013764-23335-A	H3-TW-0013766-23335-A	H3-TW-0013767-23335-A	H3-TW-0013788-23335-A	H3-TW-0013908-23335-A	H3-TW-0011930-23335-A	H3-TW-0013924-23335-A	H3-TW-0013925-23335-A
		<b>Sample Date:</b>	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-03-22	2024-03-21	2024-01-29	2024-01-29
		<b>Sample Type:</b>	N (Normal)	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>							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.250	0.860	0.810	ND
	Bromoform	--	--	0.590	0.630	0.650	0.660	2.70	2.60	0.660
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.500	0.490	0.470	0.580	2.40	2.20	0.560
	Total Trihalomethanes	80	MCL	1.09	1.12	1.12	1.49	5.96	5.61	1.22

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H3-POIN2116		Location ID: H3-POIN2120		Location ID: H3-SHOW0138	Location ID: H3-SHOW0140	Location ID: H3-SHOW0152	Location ID: H3-SHOW0182
				Residence		Residence		Residence	Residence	Residence	Residence
				Address: 2116 Point Welcome Place		Address: 2120 Point Welcome Place		Address: 138 Shower Place	Address: 140 Shower Place	Address: 152 Shower Place	Address: 182 Shower Place
				Field Sample ID: H3-TW-0013933-23335-A	Field Sample ID: H3-TW-0013933-23335-3-A	Field Sample ID: H3-TW-0013935-23335-A	Field Sample ID: H3-TW-0013935-23335-A-P	Field Sample ID: H3-TW-0013799-23335-A	Field Sample ID: H3-TW-0013800-23335-A	Field Sample ID: H3-TW-0013802-23335-A	Field Sample ID: H3-TW-0013811-23335-A
				Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29	Sample Date: 2024-01-29
				Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	620	620	330	330	690	580	640	670
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	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	266	ISP	ND	ND	ND	ND	ND	ND	ND	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	1.80	1.70	1.80	1.80	1.60	1.70	1.70	1.70
	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	0.830	0.970	1.40	ND	ND	ND	0.880
	Copper	1300	MCL	23.8	23.4	67.2	62.8	6.30	11.1	5.60	5.70
	Lead	15	MCL	ND	ND	0.210	ND	0.560	0.890	0.550	0.540
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.880	1.10	1.30	ND	1.10	0.900	1.20	1.10
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.0710	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-POIN2116		Location ID: H3-POIN2120		Location ID: H3-SHOW0138	Location ID: H3-SHOW0140	Location ID: H3-SHOW0152	Location ID: H3-SHOW0182
				Residence		Residence		Residence	Residence	Residence	Residence
				Address: 2116 Point Welcome Place		Address: 2120 Point Welcome Place		Address: 138 Shower Place	Address: 140 Shower Place	Address: 152 Shower Place	Address: 182 Shower Place
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				H3-TW-0013933-23335-A	H3-TW-0013933-23335-3-A	H3-TW-0013935-23335-A	H3-TW-0013935-23335-A-P	H3-TW-0013799-23335-A	H3-TW-0013800-23335-A	H3-TW-0013802-23335-A	H3-TW-0013811-23335-A
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	FD (Field Duplicate)	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
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	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
	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	ND
	Chloroacetic acid	--	--	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 - March 2024 from Residences in Zone H3**

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		<b>Location ID:</b>		H3-POIN2116		H3-POIN2120		H3-SHOW0138	H3-SHOW0140	H3-SHOW0152	H3-SHOW0182
		<b>Location Type:</b>		Residence		Residence		Residence	Residence	Residence	Residence
		<b>Address:</b>		2116 Point Welcome Place		2120 Point Welcome Place		138 Shower Place	140 Shower Place	152 Shower Place	182 Shower Place
		<b>Field Sample ID:</b>		H3-TW-0013933-23335-A	H3-TW-0013933-23335-3-A	H3-TW-0013935-23335-A	H3-TW-0013935-23335-A-P	H3-TW-0013799-23335-A	H3-TW-0013800-23335-A	H3-TW-0013802-23335-A	H3-TW-0013811-23335-A
		<b>Sample Date:</b>		2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-01-29
		<b>Sample Type:</b>		N (Normal)	FD (Field Duplicate)	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>								
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	0.580	ND	ND	ND	ND
	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	0.580	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.870	ND	ND	ND	ND	ND
	Bromoform	--	--	0.630	0.670	2.60	1.30	ND	0.340	0.570	0.600
	Chloroform	--	--	ND	ND	0.370	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.490	0.550	2.00	1.20	ND	0.280	0.480	0.490
	Total Trihalomethanes	80	MCL	1.12	1.22	5.84	2.50	ND	0.620	1.05	1.09

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		<b>Location ID:</b>		H3-SHOW0182	H3-SHOW0195	H3-SHOW0221	H3-VALL0413	H3-VALL0417		H3-VALL0419	
		<b>Location Type:</b>		Residence	Residence	Residence	Residence	Residence		Residence	
		<b>Address:</b>		182 Shower Place	195 Shower Place	221 Shower Place	413 Valley View Loop	417 Valley View Loop		419 Valley View Loop	
		<b>Field Sample ID:</b>		H3-TW-0013811-23335-A-P	H3-TW-0013814-23335-A	H3-TW-0013816-23335-A	H3-TW-0013832-23335-A	H3-TW-0013834-23335-A	H3-TW-0013834-23335-A-P	H3-TW-0013835-23335-A	H3-TW-0013835-23335-A-R1
		<b>Sample Date:</b>		2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-02-12
		<b>Sample Type:</b>		N (Normal)	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	670	630	540	710	630	630	570	680
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	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	266	ISP	ND	ND	ND	ND	ND	ND	ND	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	1.70	1.70	1.80	1.80	1.80	1.60	1.80	1.80
	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	1.40	ND	ND	0.910	ND	1.50	1.10	ND
	Copper	1300	MCL	4.60	8.60	7.50	7.90	6.30	5.90	12.5	5.40
	Lead	15	MCL	0.360	0.590	0.630	0.830	0.480	0.370	2.00	0.400
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.960	0.980	1.10	0.560	0.850	1.20	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**  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-SHOW0182	H3-SHOW0195	H3-SHOW0221	H3-VALL0413	H3-VALL0417		H3-VALL0419	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	182 Shower Place	195 Shower Place	221 Shower Place	413 Valley View Loop	417 Valley View Loop		419 Valley View Loop	
				Field Sample ID:	H3-TW-0013811-23335-A-P	H3-TW-0013814-23335-A	H3-TW-0013816-23335-A	H3-TW-0013832-23335-A	H3-TW-0013834-23335-A	H3-TW-0013834-23335-A-P	H3-TW-0013835-23335-A	H3-TW-0013835-23335-A-R1
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-02-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
	Dibromoacetic acid	--	--	0.510	ND	ND	ND	ND	0.610	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-SHOW0182	H3-SHOW0195	H3-SHOW0221	H3-VALL0413	H3-VALL0417		H3-VALL0419	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	182 Shower Place	195 Shower Place	221 Shower Place	413 Valley View Loop	417 Valley View Loop		419 Valley View Loop	
				Field Sample ID:	H3-TW-0013811-23335-A-P	H3-TW-0013814-23335-A	H3-TW-0013816-23335-A	H3-TW-0013832-23335-A	H3-TW-0013834-23335-A	H3-TW-0013834-23335-A-P	H3-TW-0013835-23335-A	H3-TW-0013835-23335-A-R1
				Sample Date:	2024-01-29	2024-01-29	2024-01-29	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-02-12
				Sample Type:	N (Normal)	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
	Total Haloacetic acids	60	MCL	0.510	ND	ND	ND	ND	ND	0.610	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.510	0.620	0.620	0.700	0.590	ND	0.630	0.500	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.520	0.510	0.520	0.580	ND	0.520	0.500	
	Total Trihalomethanes	80	MCL	0.510	1.14	1.13	1.22	1.17	ND	1.15	1.00	



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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-VALL0419	H3-VALL0427	H3-VALL0441		H3-VALL0462	H3-VALL0464	H3-VALL0465	H3-VALL0487
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	419 Valley View Loop	427 Valley View Loop (Not Viable)	441 Valley View Loop		462 Valley View Loop	464 Valley View Loop	465 Valley View Loop	487 Valley View Loop
				Field Sample ID:	H3-TW-0013835-23335-A-R1-P	H3-TW-0013837-23335-A	H3-TW-0013842-23335-A	H3-TW-0013842-23335-A-P	H3-TW-0013846-23335-A	H3-TW-0013848-23335-A	H3-TW-0013849-23335-A	H3-TW-0013854-23335-A
				Sample Date:	2024-02-12	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-01-29	2024-01-29	2024-01-29
				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	680	620	660	660	560	750	580	620	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	74.0	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	266	ISP	74.0	ND	ND	ND	ND	ND	ND	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	1.60	1.80	1.70	1.60	1.70	1.80	1.80	1.80	
	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	1.60	0.950	ND	1.70	0.820	ND	ND	0.730	
	Copper	1300	MCL	5.30	8.70	4.20	4.30	8.60	11.3	6.90	7.20	
	Lead	15	MCL	0.290	0.780	0.280	ND	0.310	0.520	0.670	0.410	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	1.10	1.20	0.940	1.10	0.960	1.10	0.660	
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-VALL0419	H3-VALL0427	H3-VALL0441		H3-VALL0462	H3-VALL0464	H3-VALL0465	H3-VALL0487
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	419 Valley View Loop	427 Valley View Loop (Not Viable)	441 Valley View Loop		462 Valley View Loop	464 Valley View Loop	465 Valley View Loop	487 Valley View Loop
				Field Sample ID:	H3-TW-0013835-23335-A-R1-P	H3-TW-0013837-23335-A	H3-TW-0013842-23335-A	H3-TW-0013842-23335-A-P	H3-TW-0013846-23335-A	H3-TW-0013848-23335-A	H3-TW-0013849-23335-A	H3-TW-0013854-23335-A
				Sample Date:	2024-02-12	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-01-29	2024-01-29	2024-01-29
				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

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		<b>Location ID:</b>	H3-VALL0419	H3-VALL0427	H3-VALL0441		H3-VALL0462	H3-VALL0464	H3-VALL0465	H3-VALL0487
		<b>Location Type:</b>	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		<b>Address:</b>	419 Valley View Loop	427 Valley View Loop (Not Viable)	441 Valley View Loop		462 Valley View Loop	464 Valley View Loop	465 Valley View Loop	487 Valley View Loop
		<b>Field Sample ID:</b>	H3-TW-0013835- 23335-A-R1-P	H3-TW-0013837- 23335-A	H3-TW-0013842- 23335-A	H3-TW-0013842- 23335-A-P	H3-TW-0013846- 23335-A	H3-TW-0013848- 23335-A	H3-TW-0013849- 23335-A	H3-TW-0013854- 23335-A
		<b>Sample Date:</b>	2024-02-12	2024-01-29	2024-02-13	2024-02-13	2024-01-29	2024-01-29	2024-01-29	2024-01-29
		<b>Sample Type:</b>	N (Normal)	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>							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	0.980	ND	ND	0.580	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	0.980	ND	ND	0.580	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.590	0.480	ND	0.650	0.620	0.640
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.550	0.450	ND	0.510	0.490	0.520
	Total Trihalomethanes	80	MCL	ND	1.14	0.930	ND	1.16	1.11	1.16

**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 - March 2024 from Residences in Zone H3**

<b>Notes:</b>
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<b>Location ID:</b>	H3-VALL0494
<b>Location Type:</b>	Residence
<b>Address:</b>	494 Valley View Loop
<b>Field Sample ID:</b>	H3-TW-0013858-23335-A
<b>Sample Date:</b>	2024-01-29
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	1.70
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	ND
	Copper	1300	MCL	7.00
	Lead	15	MCL	0.710
	Mercury	2	MCL	ND
	Selenium	50	MCL	1.10
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**  
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<b>Location ID:</b>	H3-VALL0494
<b>Location Type:</b>	Residence
<b>Address:</b>	494 Valley View Loop
<b>Field Sample ID:</b>	H3-TW-0013858-23335-A
<b>Sample Date:</b>	2024-01-29
<b>Sample Type:</b>	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

**Summary of Chemistry Results**  
**Zone H3 Long Term Monitoring**  
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<b>Location ID:</b>	H3-VALL0494
<b>Location Type:</b>	Residence
<b>Address:</b>	494 Valley View Loop
<b>Field Sample ID:</b>	H3-TW-0013858-23335-A
<b>Sample Date:</b>	2024-01-29
<b>Sample Type:</b>	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	--	--	ND
	Bromoform	--	--	0.560
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.440
	Total Trihalomethanes	80	MCL	1.00

**Summary of Chemistry Results**  
**Zone H3 Long Term Monitoring**  
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**Drinking Water Samples Collected in January - March 2024 from 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-0017760-23335 -A	H3-DL-0017760-23335 -3-A	H3-DL-0017761-23335 -A	H3-DL-0017761-23335 -3-A	H3-DL-0017759-23335 -A
		<b>Sample Date:</b>		2024-03-11		2024-03-11		2024-03-11
		<b>Sample Type:</b>		N (Normal)		FD (Field Duplicate)		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	610	610	420	420	680
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	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	266	ISP	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.500	ND	0.500
	Barium	2000	MCL	1.70	1.80	1.70	1.70	1.70
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.710	0.820	0.820	0.760	0.800
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.20	1.30	1.30	1.40	1.40
	Thallium	2	MCL	ND	0.0530	ND	0.0500	0.0650
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND
	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

**Summary of Chemistry Results**  
**Zone H3 Long Term Monitoring**  
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		Location ID: H3-HYD1641A		H3-HYD1651A		H3-HYD1676A	
		Location Type: Hydrant		Hydrant		Hydrant	
		Address: Hydrant 1641		Hydrant 1651		Hydrant 1676	
		Field Sample ID: H3-DL-0017760-23335-A	H3-DL-0017760-23335-3-A	H3-DL-0017761-23335-A	H3-DL-0017761-23335-3-A	H3-DL-0017759-23335-A	
		Sample Date: 2024-03-11	2024-03-11	2024-03-11	2024-03-11	2024-03-11	
		Sample Type: N (Normal)	FD (Field Duplicate)	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-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
Chloroacetic acid		--	--	ND	ND	ND	ND
Dibromoacetic acid		--	--	ND	ND	ND	ND
Dichloroacetic acid		--	--	ND	ND	ND	ND
Trichloroacetic acid		--	--	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	ND	ND	ND	ND



