

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone D2

<b>Notes:</b>
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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		Location ID: D2-CHAL2438B						
		Location Type: Residence						
		Address: 2438B Challenger Loop						
		Field Sample ID:	D2-TW-0007989-22342-N	D2-TW-0007989-22342-N-1	D2-TW-0007989-22342-N-2	D2-TW-0007989-22342-N-3	D2-TW-0007989-22342-N-R1	
		Sample Date:	2023-01-23	2023-02-09	2023-02-09	2023-02-09	2023-02-09	
		Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Field Test (ppb)	Free Chlorine	4000	MCL	440	430-490	430-490	430-490	430-490
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	ND	ND	0.100	ND
	Arsenic	10	MCL	ND	ND	ND	0.590	ND
	Barium	2000	MCL	2.10	1.90	1.90	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	0.0580	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.70	1.70	1.70
	Copper	1300	MCL	385	10.5	9.30	11.9	11.8
	Lead	15	MCL	59.0 §	0.130	ND	ND	ND
	Mercury	2	MCL	ND	--	--	--	--
	Selenium	50	MCL	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	0.0540	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	--	--	--	--
	2-Methylnaphthalene	10	EAL	ND	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	--	--	--	--
	Naphthalene	17	EAL	ND	--	--	--	--
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	--	--	--	--
	1,1,2-Trichloroethane	5	MCL	ND	--	--	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D2-CHAL2438B														
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type						
				Location Type: Residence														
				Address: 2438B Challenger Loop														
				D2-TW-0007989-22342-N	2023-01-23	N (Normal)	D2-TW-0007989-22342-N-1	2023-02-09	N (Grab, Resample)	D2-TW-0007989-22342-N-2	2023-02-09	N (Grab, Resample)	D2-TW-0007989-22342-N-3	2023-02-09	N (Grab, Resample)	D2-TW-0007989-22342-N-R1	2023-02-09	N (Grab, Resample)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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		Address:	2438B Challenger Loop					
		Field Sample ID:	D2-TW-0007989-22342-N	D2-TW-0007989-22342-N-1	D2-TW-0007989-22342-N-2	D2-TW-0007989-22342-N-3	D2-TW-0007989-22342-N-R1	
		Sample Date:	2023-01-23	2023-02-09	2023-02-09	2023-02-09	2023-02-09	
		Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	--	--	--	--
	Dichloroacetic acid	--	--	ND	--	--	--	--
	Trichloroacetic acid	--	--	ND	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	--	--
	Bromoform	--	--	0.460	--	--	--	--
	Chloroform	--	--	ND	--	--	--	--
	Dibromochloromethane	--	--	ND	--	--	--	--
	Total Trihalomethanes	80	MCL	0.460	--	--	--	--

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		Location ID:	D2-10TH0201	D2-11TH0102	D2-11TH0202	D2-11TH212B	D2-12TH0105		D2-12TH212E	D2-13TH0205	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	201 10th Street	102 11th Street	202 11th Street	212B 11th Street	105 12th Street		212E 12th Street	205 13th Street	
		Field Sample ID:	D2-TW-0008308-22342-N	D2-TW-0008350-22342-N	D2-TW-0008360-22342-N	D2-TW-0008371-22342-N	D2-TW-0008378-22342-3-N	D2-TW-0008378-22342-N	D2-TW-0008389-22342-N	D2-TW-0008394-22342-N	
		Sample Date:	2023-04-26	2023-01-20	2023-03-02	2023-01-20	2023-04-10	2023-04-10	2023-03-30	2023-01-23	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	470	370	530	320	410	410	470	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	52.4	ND	ND	75.3	ND	ND	59.2	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	55.0	ND	58.5	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	52.4	55.0	ND	134	ND	ND	59.2	ND
Metals (ppb)	Antimony	6	MCL	0.150	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	1.90	2.00	1.80	1.90	2.10	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	1.90	1.90	1.40	1.90	1.60	1.60	2.20	1.50
	Copper	1300	MCL	40.2	9.80	24.2	29.5	6.10	5.70	107	5.50
	Lead	15	MCL	0.380	ND	0.260	0.860	0.320	0.210	0.190	ND
	Mercury	2	MCL	0.0260	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	0.0940	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	0.490	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:
				D2-10TH0201	D2-11TH0102	D2-11TH0202	D2-11TH212B	D2-12TH0105		D2-12TH212E	D2-13TH0205
				Residence	Residence	Residence	Residence	Residence		Residence	Residence
				201 10th Street	102 11th Street	202 11th Street	212B 11th Street	105 12th Street		212E 12th Street	205 13th Street
				D2-TW-0008308-22342-N	D2-TW-0008350-22342-N	D2-TW-0008360-22342-N	D2-TW-0008371-22342-N	D2-TW-0008378-22342-3-N	D2-TW-0008378-22342-N	D2-TW-0008389-22342-N	D2-TW-0008394-22342-N
				2023-04-26	2023-01-20	2023-03-02	2023-01-20	2023-04-10	2023-04-10	2023-03-30	2023-01-23
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
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	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:	201 10th Street	102 11th Street	202 11th Street	212B 11th Street	105 12th Street		212E 12th Street	205 13th Street
		Field Sample ID:	D2-TW-0008308-22342-N	D2-TW-0008350-22342-N	D2-TW-0008360-22342-N	D2-TW-0008371-22342-N	D2-TW-0008378-22342-3-N	D2-TW-0008378-22342-N	D2-TW-0008389-22342-N	D2-TW-0008394-22342-N
		Sample Date:	2023-04-26	2023-01-20	2023-03-02	2023-01-20	2023-04-10	2023-04-10	2023-03-30	2023-01-23
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	0.400	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.740	ND	0.580	0.370	0.340
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.840	ND	0.350	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.98	ND	0.930	0.370	0.340

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		Location ID:	D2-13TH212D	D2-13TH212E	D2-15TH203A	D2-16TH0202	D2-16TH0214	D2-16TH203A	D2-16TH212B	D2-17TH0206
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	212D 13th Street	212E 13th Street	203A 15th Street	202 16th Street	214 16th Street	203A 16th Street	212B 16th Street	206 17th Street
		Field Sample ID:	D2-TW-0007527-22342-N	D2-TW-0007528-22342-N	D2-TW-0007484-22342-N	D2-TW-0007499-22342-N	D2-TW-0007823-22342-N	D2-TW-0007824-22342-N	D2-TW-0008168-22342-N	D2-TW-0008176-22342-N
		Sample Date:	2023-01-20	2023-01-23	2023-03-29	2023-01-20	2023-01-23	2023-03-02	2023-03-02	2023-03-02
		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	420	430	350	550	530	380	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	81.2	71.7	53.0	ND	69.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	62.9	ND	ND	55.7	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	62.9	ND	81.2	127	53.0	ND	69.9
Metals (ppb)	Antimony	6	MCL	0.370	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	1.90	1.90	1.80	1.80	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.50	2.10	1.70	1.60	1.60	1.20
	Copper	1300	MCL	31.4	40.4	53.4	10.1	7.00	43.3	14.5
	Lead	15	MCL	ND	0.170	0.340	0.390	0.270	0.270	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0170	ND	0.0120	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-13TH212D	D2-13TH212E	D2-15TH203A	D2-16TH0202	D2-16TH0214	D2-16TH203A	D2-16TH212B	D2-17TH0206
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	212D 13th Street	212E 13th Street	203A 15th Street	202 16th Street	214 16th Street	203A 16th Street	212B 16th Street	206 17th Street
		Field Sample ID:	D2-TW-0007527-22342-N	D2-TW-0007528-22342-N	D2-TW-0007484-22342-N	D2-TW-0007499-22342-N	D2-TW-0007823-22342-N	D2-TW-0007824-22342-N	D2-TW-0008168-22342-N	D2-TW-0008176-22342-N
		Sample Date:	2023-01-20	2023-01-23	2023-03-29	2023-01-20	2023-01-23	2023-03-02	2023-03-02	2023-03-02
		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



**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	D2-13TH212D	D2-13TH212E	D2-15TH203A	D2-16TH0202	D2-16TH0214	D2-16TH203A	D2-16TH212B	D2-17TH0206
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	212D 13th Street	212E 13th Street	203A 15th Street	202 16th Street	214 16th Street	203A 16th Street	212B 16th Street	206 17th Street
		Field Sample ID:	D2-TW-0007527-22342-N	D2-TW-0007528-22342-N	D2-TW-0007484-22342-N	D2-TW-0007499-22342-N	D2-TW-0007823-22342-N	D2-TW-0007824-22342-N	D2-TW-0008168-22342-N	D2-TW-0008176-22342-N
		Sample Date:	2023-01-20	2023-01-23	2023-03-29	2023-01-20	2023-01-23	2023-03-02	2023-03-02	2023-03-02
		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	--	--	ND	ND	ND	ND	0.670	ND	ND
	Bromoform	--	--	ND	ND	ND	0.630	1.60	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	0.340	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.520	1.60	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	1.15	4.21	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-17TH0212		D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123	
				D2-17TH0207	Residence		Residence	Residence	Residence	Residence		Residence
				Location Type:	Residence		Residence	Residence	Residence		Residence	
				Address:	212 17th Street		106 18th Street	110 18th Street	112 18th Street		123 18th Street	
				Field Sample ID:	D2-TW-0008177-22342-N	D2-TW-0008181-22342-3-N	D2-TW-0008181-22342-N	D2-TW-0008191-22342-N	D2-TW-0008193-22342-N	D2-TW-0008194-22342-3-N	D2-TW-0008194-22342-N	D2-TW-0008272-22342-N
				Sample Date:	2023-04-27	2023-04-11	2023-04-11	2023-01-20	2023-01-23	2023-02-23	2023-02-23	2023-01-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	450	560	560	300	340	400	400	480	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.4	63.3	66.6	70.6	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	59.4	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	63.4	63.3	66.6	130	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	1.90	1.90	1.80	2.00	1.80	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	1.70	1.50	1.50	1.80	1.40	1.40	1.40	1.60	
	Copper	1300	MCL	23.4	5.00	5.60	76.8	42.4	45.1	47.6	53.2	
	Lead	15	MCL	0.210	0.190	0.180	0.220	ND	0.150	0.200	0.150	
	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	0.0150	ND	ND	0.0110	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-17TH0212		D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123	
				D2-17TH0207	Residence		Residence	Residence	Residence	Residence		Residence
				Location Type:	Residence		Residence	Residence	Residence		Residence	
				Address:	212 17th Street		106 18th Street	110 18th Street	112 18th Street		123 18th Street	
				Field Sample ID:	D2-TW-0008177-22342-N	D2-TW-0008181-22342-3-N	D2-TW-0008181-22342-N	D2-TW-0008191-22342-N	D2-TW-0008193-22342-N	D2-TW-0008194-22342-3-N	D2-TW-0008194-22342-N	D2-TW-0008272-22342-N
				Sample Date:	2023-04-27	2023-04-11	2023-04-11	2023-01-20	2023-01-23	2023-02-23	2023-02-23	2023-01-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-17TH0212		D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123	
				Location Type:	Residence		Residence	Residence	Residence		Residence	
				Address:	212 17th Street		106 18th Street	110 18th Street	112 18th Street		123 18th Street	
				Field Sample ID:	D2-TW-0008177-22342-N	D2-TW-0008181-22342-3-N	D2-TW-0008181-22342-N	D2-TW-0008191-22342-N	D2-TW-0008193-22342-N	D2-TW-0008194-22342-3-N	D2-TW-0008194-22342-N	D2-TW-0008272-22342-N
				Sample Date:	2023-04-27	2023-04-11	2023-04-11	2023-01-20	2023-01-23	2023-02-23	2023-02-23	2023-01-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	0.430	ND	ND	2.60	ND	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.380	ND	ND	0.670	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	0.810	ND	ND	3.27	ND	ND	ND	ND	

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		Location ID:	D2-18TH0138	D2-18TH0168	D2-19TH0013	D2-19TH0100		D2-19TH0116	D2-19TH1901	D2-20TH0104	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	138 18th Street	168 18th Street	13 19th Street	100 19th Street		116 19th Street	1901 19th Way	104 20th Street	
		Field Sample ID:	D2-TW-0008287-22342-N	D2-TW-0007167-22342-N	D2-TW-0007244-22342-N	D2-TW-0007250-22342-3-N	D2-TW-0007250-22342-N	D2-TW-0008298-22342-N	D2-TW-0008069-22342-N	D2-TW-0007912-22342-N	
		Sample Date:	2023-04-27	2023-04-26	2023-01-20	2023-03-30	2023-03-30	2023-01-20	2023-01-20	2023-03-30	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	330	240	360	440	440	450	270	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.4	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	57.0	ND	ND	56.2	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	53.4	ND	57.0	ND	ND	56.2	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	0.160	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.90	2.00	2.10	2.00	1.90	2.20	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.80	1.80	2.50	2.20	1.80	1.80	2.20
	Copper	1300	MCL	61.0	38.3	36.3	46.6	45.7	44.7	53.0	66.9
	Lead	15	MCL	0.240	0.250	ND	ND	ND	ND	ND	0.220
	Mercury	2	MCL	ND	0.0340	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	0.0160	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-18TH0138	D2-18TH0168	D2-19TH0013	D2-19TH0100		D2-19TH0116	D2-19TH1901	D2-20TH0104
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	138 18th Street	168 18th Street	13 19th Street	100 19th Street		116 19th Street	1901 19th Way	104 20th Street
		Field Sample ID:	D2-TW-0008287-22342-N	D2-TW-0007167-22342-N	D2-TW-0007244-22342-N	D2-TW-0007250-22342-3-N	D2-TW-0007250-22342-N	D2-TW-0008298-22342-N	D2-TW-0008069-22342-N	D2-TW-0007912-22342-N
		Sample Date:	2023-04-27	2023-04-26	2023-01-20	2023-03-30	2023-03-30	2023-01-20	2023-01-20	2023-03-30
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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

**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	D2-18TH0138	D2-18TH0168	D2-19TH0013	D2-19TH0100		D2-19TH0116	D2-19TH1901	D2-20TH0104
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	138 18th Street	168 18th Street	13 19th Street	100 19th Street		116 19th Street	1901 19th Way	104 20th Street
		Field Sample ID:	D2-TW-0008287-22342-N	D2-TW-0007167-22342-N	D2-TW-0007244-22342-N	D2-TW-0007250-22342-3-N	D2-TW-0007250-22342-N	D2-TW-0008298-22342-N	D2-TW-0008069-22342-N	D2-TW-0007912-22342-N
		Sample Date:	2023-04-27	2023-04-26	2023-01-20	2023-03-30	2023-03-30	2023-01-20	2023-01-20	2023-03-30
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.320	ND	ND	ND	0.320	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.320	ND	ND	ND	0.320	ND

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		Location ID: D2-20TH0116		D2-20TH0133		D2-20TH0158		D2-21ST0114		D2-21ST0124		D2-2ND0111	
		Residence		Residence		Residence		Residence		Residence		Residence	
		116 20th Street		133 20th Street		158 20th Street		114 21st Street		124 21st Street		111 2nd Street	
		D2-TW-0006944-22342-N		D2-TW-0007955-22342-3-N		D2-TW-0007955-22342-N		D2-TW-0006999-22342-N		D2-TW-0008010-22342-N		D2-TW-0007086-22342-N	
		2023-01-23		2023-04-19		2023-04-19		2023-01-23		2023-01-20		2023-01-23	
		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Field Test (ppb)	Free Chlorine	4000	MCL	210	240	240	480	30.0	90.0	430	430		
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND		
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	62.3	59.6	ND	61.0	ND	53.8	ND		
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND		
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND		
	Petroleum Hydrocarbons, Total	266	ISP	ND	62.3	59.6	ND	61.0	ND	53.8	ND		
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.100	ND	ND	ND		
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
	Barium	2000	MCL	1.90	1.80	1.80	1.90	2.00	1.80	1.90	1.90		
	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	1.70	1.70	1.40	1.70	1.50	1.50	1.50		
	Copper	1300	MCL	138	55.4	65.4	18.2	90.6	39.1	50.4	66.0		
	Lead	15	MCL	0.730	ND	ND	ND	0.180	0.260	0.250	0.320		
	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	0.0120	ND	ND		
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	0.440		
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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-20TH0133		D2-20TH0158	D2-21ST0114	D2-21ST0124	D2-2ND0111		
				Location Type:	Residence		Residence	Residence	Residence	Residence		
				Address:	133 20th Street		158 20th Street	114 21st Street	124 21st Street	111 2nd Street		
				Field Sample ID:	D2-TW-0006944-22342-N	D2-TW-0007955-22342-3-N	D2-TW-0007955-22342-N	D2-TW-0006999-22342-N	D2-TW-0008010-22342-N	D2-TW-0007086-22342-N	D2-TW-0008098-22342-3-N	D2-TW-0008098-22342-N
				Sample Date:	2023-01-23	2023-04-19	2023-04-19	2023-01-23	2023-01-20	2023-01-23	2023-01-23	2023-01-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-20TH0133		D2-20TH0158	D2-21ST0114	D2-21ST0124	D2-2ND0111		
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	133 20th Street		158 20th Street	114 21st Street	124 21st Street	111 2nd Street		
				Field Sample ID:	D2-TW-0006944-22342-N	D2-TW-0007955-22342-3-N	D2-TW-0007955-22342-N	D2-TW-0006999-22342-N	D2-TW-0008010-22342-N	D2-TW-0007086-22342-N	D2-TW-0008098-22342-3-N	D2-TW-0008098-22342-N
				Sample Date:	2023-01-23	2023-04-19	2023-04-19	2023-01-23	2023-01-20	2023-01-23	2023-01-23	2023-01-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	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	ND	ND
	Bromoform	--	--	0.360	ND	0.270	ND	0.510	ND	0.320	0.290	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.360	ND	0.270	ND	0.510	ND	0.320	0.290	

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		Location ID:	D2-2ND0133	D2-2ND0134	D2-2ND0136	D2-2ND202B	D2-2ND204B	D2-3RD0121	D2-3RD0126	D2-3RD0128
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	133 2nd Street	134 2nd Street	136 2nd Street	202B 2nd Street	204B 2nd Street	121 3rd Street	126 3rd Street	128 3rd Street
		Field Sample ID:	D2-TW-0006957-22342-N	D2-TW-0006958-22342-N	D2-TW-0006960-22342-N	D2-TW-0007558-22342-N	D2-TW-0007562-22342-N	D2-TW-0007571-22342-N	D2-TW-0007574-22342-N	D2-TW-0007576-22342-N
		Sample Date:	2023-04-26	2023-04-19	2023-02-23	2023-03-30	2023-01-20	2023-01-23	2023-01-20	2023-04-11
		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	20.0	460	460	20.0	350	430	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	66.9	ND	ND	52.1	ND	76.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	52.0	ND	63.3
	Petroleum Hydrocarbons, Total	266	ISP	ND	66.9	ND	ND	104	ND	140
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.130
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.80	1.80	1.90	2.10	1.80	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.70	1.40	2.10	1.80	1.50	1.80
	Copper	1300	MCL	102	51.1	28.2	15.7	4.90	55.3	20.7
	Lead	15	MCL	0.370	0.180	0.180	ND	ND	0.230	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-2ND0133	D2-2ND0134	D2-2ND0136	D2-2ND202B	D2-2ND204B	D2-3RD0121	D2-3RD0126	D2-3RD0128
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	133 2nd Street	134 2nd Street	136 2nd Street	202B 2nd Street	204B 2nd Street	121 3rd Street	126 3rd Street	128 3rd Street
		Field Sample ID:	D2-TW-0006957-22342-N	D2-TW-0006958-22342-N	D2-TW-0006960-22342-N	D2-TW-0007558-22342-N	D2-TW-0007562-22342-N	D2-TW-0007571-22342-N	D2-TW-0007574-22342-N	D2-TW-0007576-22342-N
		Sample Date:	2023-04-26	2023-04-19	2023-02-23	2023-03-30	2023-01-20	2023-01-23	2023-01-20	2023-04-11
		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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		Location ID:	D2-2ND0133	D2-2ND0134	D2-2ND0136	D2-2ND202B	D2-2ND204B	D2-3RD0121	D2-3RD0126	D2-3RD0128
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	133 2nd Street	134 2nd Street	136 2nd Street	202B 2nd Street	204B 2nd Street	121 3rd Street	126 3rd Street	128 3rd Street
		Field Sample ID:	D2-TW-0006957-22342-N	D2-TW-0006958-22342-N	D2-TW-0006960-22342-N	D2-TW-0007558-22342-N	D2-TW-0007562-22342-N	D2-TW-0007571-22342-N	D2-TW-0007574-22342-N	D2-TW-0007576-22342-N
		Sample Date:	2023-04-26	2023-04-19	2023-02-23	2023-03-30	2023-01-20	2023-01-23	2023-01-20	2023-04-11
		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	--	--	ND	ND	0.320	ND	ND	ND	ND
	Bromoform	--	--	0.710	0.370	1.50	0.390	ND	0.440	0.270
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.250	ND	1.20	ND	ND	0.260	0.260
	Total Trihalomethanes	80	MCL	0.960	0.370	3.02	0.390	ND	0.700	0.530

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone D2

<b>Notes:</b>
ND = Not Detected
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		Location ID:	D2-3RD0135	D2-4TH0111	D2-4TH0114	D2-4TH0204	D2-4TH208B	D2-5TH0103	D2-5TH0114	D2-5TH0128	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	135 3rd Street	111 4th Street	114 4th Street	204 4th Street	208B 4th Street	103 5th Street	114 5th Street	128 5th Street	
		Field Sample ID:	D2-TW-0007005-22342-N	D2-TW-0008212-22342-N	D2-TW-0008215-22342-N	D2-TW-0008022-22342-N	D2-TW-0007056-22342-N	D2-TW-0007058-22342-N	D2-TW-0007064-22342-N	D2-TW-0007592-22342-N	
		Sample Date:	2023-01-20	2023-01-23	2023-01-20	2023-01-20	2023-01-20	2023-01-30	2023-04-14	2023-01-30	
		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	250	150	410	240	420	400	450	430
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	56.7	ND	76.1	62.1	69.4	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	64.1	ND	59.3	58.0	53.3	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	64.1	56.7	59.3	134	115	69.4	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	1.80	2.00	2.00	2.00	2.00	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.80	1.60	1.90	1.90	1.80	1.60	1.50	1.70
	Copper	1300	MCL	48.4	52.8	27.4	10.5	6.60	39.3	51.0	32.3
	Lead	15	MCL	0.190	ND	ND	0.320	ND	0.180	0.210	7.90
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0340	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 ID:	D2-3RD0135	D2-4TH0111	D2-4TH0114	D2-4TH0204	D2-4TH208B	D2-5TH0103	D2-5TH0114	D2-5TH0128
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	135 3rd Street	111 4th Street	114 4th Street	204 4th Street	208B 4th Street	103 5th Street	114 5th Street	128 5th Street
		Field Sample ID:	D2-TW-0007005-22342-N	D2-TW-0008212-22342-N	D2-TW-0008215-22342-N	D2-TW-0008022-22342-N	D2-TW-0007056-22342-N	D2-TW-0007058-22342-N	D2-TW-0007064-22342-N	D2-TW-0007592-22342-N
		Sample Date:	2023-01-20	2023-01-23	2023-01-20	2023-01-20	2023-01-20	2023-01-30	2023-04-14	2023-01-30
		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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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	135 3rd Street	111 4th Street	114 4th Street	204 4th Street	208B 4th Street	103 5th Street	114 5th Street	128 5th Street
		Field Sample ID:	D2-TW-0007005-22342-N	D2-TW-0008212-22342-N	D2-TW-0008215-22342-N	D2-TW-0008022-22342-N	D2-TW-0007056-22342-N	D2-TW-0007058-22342-N	D2-TW-0007064-22342-N	D2-TW-0007592-22342-N
		Sample Date:	2023-01-20	2023-01-23	2023-01-20	2023-01-20	2023-01-20	2023-01-30	2023-04-14	2023-01-30
		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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.760	0.400	0.320	0.450	0.510	ND	0.360
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.350	0.250	0.270	0.350	0.410	ND	0.300
	Total Trihalomethanes	80	MCL	1.11	0.650	0.590	0.800	0.920	ND	0.660



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		Location ID:	D2-6TH0111	D2-6TH0202	D2-6TH0304	D2-7TH0207	D2-8TH0207	D2-8TH0303	D2-9TH0202	D2-9TH0204	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	111 6th Street	202 6th Street	304 6th Street	207 7th Street	207 8th Street	303 8th Street	202 9th Street	204 9th Street	
		Field Sample ID:	D2-TW-0007599-22342-N	D2-TW-0007608-22342-N	D2-TW-0008220-22342-N	D2-TW-0007457-22342-N	D2-TW-0007462-22342-N	D2-TW-0007464-22342-N	D2-TW-0007465-22342-N	D2-TW-0007466-22342-N	
		Sample Date:	2023-02-24	2023-03-02	2023-03-30	2023-01-31	2023-01-30	2023-01-23	2023-04-10	2023-03-02	
		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	360	250	280	320	120	450	210	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	76.9	54.5	ND	ND	ND	ND	89.0
	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	ND	76.9	54.5	ND	ND	ND	ND	89.0
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	1.90	2.00	1.90	1.90	1.80	1.90	1.90
	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	1.20	2.10	1.40	1.60	1.60	1.60	1.40
	Copper	1300	MCL	10.1	43.6	32.6	10.3	55.0	43.3	27.2	31.7
	Lead	15	MCL	0.210	ND	0.150	0.370	0.430	0.200	0.290	0.250
	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 ID:	D2-6TH0111	D2-6TH0202	D2-6TH0304	D2-7TH0207	D2-8TH0207	D2-8TH0303	D2-9TH0202	D2-9TH0204
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	111 6th Street	202 6th Street	304 6th Street	207 7th Street	207 8th Street	303 8th Street	202 9th Street	204 9th Street
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		Sample Date:	2023-02-24	2023-03-02	2023-03-30	2023-01-31	2023-01-30	2023-01-23	2023-04-10	2023-03-02
		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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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	111 6th Street	202 6th Street	304 6th Street	207 7th Street	207 8th Street	303 8th Street	202 9th Street	204 9th Street
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		Sample Date:	2023-02-24	2023-03-02	2023-03-30	2023-01-31	2023-01-30	2023-01-23	2023-04-10	2023-03-02
		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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.380	0.280	0.280	ND	0.760	ND	0.280
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	ND	ND	ND	0.380	ND	ND
	Total Trihalomethanes	80	MCL	0.650	0.280	0.280	ND	1.14	ND	0.280

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		Location ID:	D2-9TH0212	D2-AIMO0132	D2-AIMO0137		D2-APOL0122	D2-APOL0456	D2-APOL0821	D2-APOL0824	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	212 9th Street	132 Aimokulani Alley	137 Aimokulani Alley		122 Apollo Avenue	456 Apollo Avenue	821 Apollo Avenue	824 Apollo Avenue	
		Field Sample ID:	D2-TW-0007469-22342-N	D2-TW-0008091-22342-N	D2-TW-0008318-22342-3-N	D2-TW-0008318-22342-N	D2-TW-0008321-22342-N	D2-TW-0007580-22342-N	D2-TW-0007204-22342-N	D2-TW-0007207-22342-N	
		Sample Date:	2023-03-02	2023-03-02	2023-01-23	2023-01-23	2023-02-23	2023-04-10	2023-01-23	2023-01-30	
		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								
Field Test (ppb)	Free Chlorine	4000	MCL	420	440	480	480	520	470	540	200
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	60.9	65.4	ND	ND	59.5	ND	ND	68.8
	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	60.9	65.4	ND	ND	59.5	ND	ND	68.8
Metals (ppb)	Antimony	6	MCL	0.160	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.80	1.90	1.80	1.90	1.90	1.90	1.90
	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	1.30	1.40	1.50	1.50	1.60	1.50	1.70
	Copper	1300	MCL	47.0	5.50	7.70	8.30	4.70	10.4	9.00	9.60
	Lead	15	MCL	0.260	ND	0.290	0.200	ND	0.150	0.220	0.260
	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	0.0580	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 D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-9TH0212	D2-AIMO0132	D2-AIMO0137		D2-APOL0122	D2-APOL0456	D2-APOL0821	D2-APOL0824
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	212 9th Street	132 Aimokulani Alley	137 Aimokulani Alley		122 Apollo Avenue	456 Apollo Avenue	821 Apollo Avenue	824 Apollo Avenue
		Field Sample ID:	D2-TW-0007469-22342-N	D2-TW-0008091-22342-N	D2-TW-0008318-22342-3-N	D2-TW-0008318-22342-N	D2-TW-0008321-22342-N	D2-TW-0007580-22342-N	D2-TW-0007204-22342-N	D2-TW-0007207-22342-N
		Sample Date:	2023-03-02	2023-03-02	2023-01-23	2023-01-23	2023-02-23	2023-04-10	2023-01-23	2023-01-30
		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							
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

**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				D2-9TH0212	D2-AIMO0132	D2-AIMO0137		D2-APOL0122	D2-APOL0456	D2-APOL0821	D2-APOL0824
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	Location Type:
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.670
	Bromoform	--	--	1.90	ND	ND	ND	ND	0.310	0.280	3.60
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.590	ND	ND	ND	ND	ND	ND	1.70
	Total Trihalomethanes	80	MCL	2.49	ND	ND	ND	ND	0.310	0.280	5.97

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		Location ID:	D2-APOL0926	D2-BAKE0002		D2-BAKE0004	D2-BEAR0111		D2-BEAR0203	D2-BEAR0401	
		Location Type:	Residence	Residence		Residence	Residence		Residence	Residence	
		Address:	926 Apollo Avenue	2 Baker Street		4 Baker Street	111 Beard Avenue		203 Beard Avenue	401 Beard Avenue	
		Field Sample ID:	D2-TW-0007214-22342-N	D2-TW-0007216-22342-3-N	D2-TW-0007216-22342-N	D2-TW-0007217-22342-N	D2-TW-0007136-22342-3-N	D2-TW-0007136-22342-N	D2-TW-0007071-22342-N	D2-TW-0007081-22342-N	
		Sample Date:	2023-02-24	2023-01-31	2023-01-31	2023-01-23	2023-01-30	2023-01-30	2023-03-02	2023-04-14	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	160	480	480	470	340	340	490	540
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	56.7	ND	ND	ND	ND	59.9	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	56.7	ND	ND	ND	ND	59.9	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.100	0.110	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.80	1.90	1.80	1.90	2.00	1.80	1.90
	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	1.50	1.60	1.60	1.80	1.70	1.30	1.50
	Copper	1300	MCL	11.0	11.0	7.20	31.7	6.40	6.30	84.2	11.6
	Lead	15	MCL	0.180	ND	ND	0.430	0.150	0.160	ND	0.240
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-BAKE0002		D2-BAKE0004	D2-BEAR0111		D2-BEAR0203	D2-BEAR0401	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	2 Baker Street		4 Baker Street	111 Beard Avenue		203 Beard Avenue	401 Beard Avenue	
				Field Sample ID:	D2-TW-0007214-22342-N	D2-TW-0007216-22342-3-N	D2-TW-0007216-22342-N	D2-TW-0007217-22342-N	D2-TW-0007136-22342-3-N	D2-TW-0007136-22342-N	D2-TW-0007071-22342-N	D2-TW-0007081-22342-N
				Sample Date:	2023-02-24	2023-01-31	2023-01-31	2023-01-23	2023-01-30	2023-01-30	2023-03-02	2023-04-14
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic 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:	D2-BAKE0002		D2-BAKE0004	D2-BEAR0111		D2-BEAR0203	D2-BEAR0401	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	2 Baker Street		4 Baker Street	111 Beard Avenue		203 Beard Avenue	401 Beard Avenue	
				Field Sample ID:	D2-TW-0007214-22342-N	D2-TW-0007216-22342-3-N	D2-TW-0007216-22342-N	D2-TW-0007217-22342-N	D2-TW-0007136-22342-3-N	D2-TW-0007136-22342-N	D2-TW-0007071-22342-N	D2-TW-0007081-22342-N
				Sample Date:	2023-02-24	2023-01-31	2023-01-31	2023-01-23	2023-01-30	2023-01-30	2023-03-02	2023-04-14
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	0.340	ND	ND	0.340	0.270	ND	ND	0.350	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	0.300	ND	ND	ND	0.250	
	Total Trihalomethanes	80	MCL	0.340	ND	ND	0.640	0.270	ND	ND	0.600	

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		Location ID:	D2-BEAR405A	D2-BEAR503B	D2-BEAR507B	D2-BEED0304	D2-BOND0209	D2-BOND0211	D2-BOQU0402	D2-CATL0203	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	405A Beard Avenue	503B Beard Avenue	507B Beard Avenue	304 Beedle Street	209 Bond Circle	211 Bond Circle	402 Boquet Boulevard	203 Catlett Street	
		Field Sample ID:	D2-TW-0007239-22342-N	D2-TW-0007652-22342-N	D2-TW-0007656-22342-N	D2-TW-0007658-22342-N	D2-TW-0007668-22342-N	D2-TW-0007669-22342-N	D2-TW-0007671-22342-N	D2-TW-0008121-22342-N	
		Sample Date:	2023-04-19	2023-03-30	2023-03-30	2023-03-29	2023-02-23	2023-01-31	2023-02-01	2023-03-29	
		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	410	380	360	440	260	300	290	370
Field Test (ppb)	Free Chlorine	4000	MCL	410	380	360	440	260	300	290	370
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	210	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.2	ND	ND	64.5	ND	57.5	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	56.2	ND	ND	64.5	ND	57.5	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	1.90	1.90	2.00	1.90	1.80	1.90	2.00	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	1.60	2.30	4.10	2.10	1.50	1.60	1.50	1.90
	Copper	1300	MCL	5.40	6.00	5.00	18.3	45.4	37.7	6.30	12.3
	Lead	15	MCL	0.340	0.340	0.250	ND	ND	ND	0.190	0.180
	Mercury	2	MCL	ND	ND	ND	ND	0.0250	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	0.0670	ND	ND	ND	ND	ND	ND	0.0900
	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	0.0170
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-BEAR405A	D2-BEAR503B	D2-BEAR507B	D2-BEED0304	D2-BOND0209	D2-BOND0211	D2-BOQU0402	D2-CATL0203	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	405A Beard Avenue	503B Beard Avenue	507B Beard Avenue	304 Beedle Street	209 Bond Circle	211 Bond Circle	402 Boquet Boulevard	203 Catlett Street	
		Field Sample ID:	D2-TW-0007239-22342-N	D2-TW-0007652-22342-N	D2-TW-0007656-22342-N	D2-TW-0007658-22342-N	D2-TW-0007668-22342-N	D2-TW-0007669-22342-N	D2-TW-0007671-22342-N	D2-TW-0008121-22342-N	
		Sample Date:	2023-04-19	2023-03-30	2023-03-30	2023-03-29	2023-02-23	2023-01-31	2023-02-01	2023-03-29	
		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	D2-BEAR405A	D2-BEAR503B	D2-BEAR507B	D2-BEED0304	D2-BOND0209	D2-BOND0211	D2-BOQU0402	D2-CATL0203
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	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone D2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	D2-BEAR405A	D2-BEAR503B	D2-BEAR507B	D2-BEED0304	D2-BOND0209	D2-BOND0211	D2-BOQU0402	D2-CATL0203
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	405A Beard Avenue	503B Beard Avenue	507B Beard Avenue	304 Beedle Street	209 Bond Circle	211 Bond Circle	402 Boquet Boulevard	203 Catlett Street
		Field Sample ID:	D2-TW-0007239-22342-N	D2-TW-0007652-22342-N	D2-TW-0007656-22342-N	D2-TW-0007658-22342-N	D2-TW-0007668-22342-N	D2-TW-0007669-22342-N	D2-TW-0007671-22342-N	D2-TW-0008121-22342-N
		Sample Date:	2023-04-19	2023-03-30	2023-03-30	2023-03-29	2023-02-23	2023-01-31	2023-02-01	2023-03-29
		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)	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	1.70	0.690	ND	ND	ND	ND
	Bromoform	--	--	0.500	6.10	2.40	0.260	ND	0.540	0.360
	Chloroform	--	--	ND	0.930	0.370	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.310	5.20	2.00	ND	ND	0.490	ND
	Total Trihalomethanes	80	MCL	0.810	13.9	5.46	0.260	ND	1.03	0.360

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2406D		D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	2406D Challenger Loop		2415C Challenger Loop	2418B Challenger Loop	2422B Challenger Loop	2425D Challenger Loop	2426B Challenger Loop	
				Field Sample ID:	D2-TW-0008244-22342-N	D2-TW-0008045-22342-3-N	D2-TW-0008045-22342-N	D2-TW-0007805-22342-N	D2-TW-0008208-22342-N	D2-TW-0007977-22342-N	D2-TW-0008338-22342-N	D2-TW-0007980-22342-3-N
				Sample Date:	2023-02-23	2023-04-25	2023-04-25	2023-04-26	2023-04-10	2023-02-23	2023-04-10	2023-04-10
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL	120	110	110	330	360	380	30.0	220	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.2	81.3	67.7	ND	ND	59.1	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	56.2	81.3	67.7	ND	ND	59.1	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.120	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.80	1.90	2.00	2.00	1.90	1.90	1.80	1.90	
	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	1.70	1.70	1.90	1.60	1.50	1.60	1.50	
	Copper	1300	MCL	61.3	61.7	88.2	101	77.8	27.8	111	59.6	
	Lead	15	MCL	0.160	0.140	0.150	0.470	0.300	0.250	0.230	0.450	
	Mercury	2	MCL	ND	ND	0.0270	0.0310	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	1.00	ND	
Synthetic Organic Compounds (ppb)	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	0.0140	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	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:	D2-CHAL2406D		D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	2406D Challenger Loop		2415C Challenger Loop	2418B Challenger Loop	2422B Challenger Loop	2425D Challenger Loop	2426B Challenger Loop	
				Field Sample ID:	D2-TW-0008244-22342-N	D2-TW-0008045-22342-3-N	D2-TW-0008045-22342-N	D2-TW-0007805-22342-N	D2-TW-0008208-22342-N	D2-TW-0007977-22342-N	D2-TW-0008338-22342-N	D2-TW-0007980-22342-3-N
				Sample Date:	2023-02-23	2023-04-25	2023-04-25	2023-04-26	2023-04-10	2023-02-23	2023-04-10	2023-04-10
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	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	
	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	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2406D		D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2406D Challenger Loop		2415C Challenger Loop	2418B Challenger Loop	2422B Challenger Loop	2425D Challenger Loop	2426B Challenger Loop	
				Field Sample ID:	D2-TW-0008244-22342-N	D2-TW-0008045-22342-3-N	D2-TW-0008045-22342-N	D2-TW-0007805-22342-N	D2-TW-0008208-22342-N	D2-TW-0007977-22342-N	D2-TW-0008338-22342-N	D2-TW-0007980-22342-3-N
				Sample Date:	2023-02-23	2023-04-25	2023-04-25	2023-04-26	2023-04-10	2023-02-23	2023-04-10	2023-04-10
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.340	ND	ND	ND	ND	
	Bromoform	--	--	0.620	0.540	0.650	1.10	0.410	ND	0.560	0.700	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.460	0.290	0.260	0.900	ND	ND	ND	0.330	
	Total Trihalomethanes	80	MCL	1.08	0.830	0.910	2.34	0.410	ND	0.560	1.03	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CORN1205		D2-CORN1217	D2-CORN1223	D2-FOXB1207	D2-FOXB1601	D2-FOXB1702	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	1205 Cornet Avenue		1217 Cornet Avenue	1223 Cornet Avenue	1207 Fox Boulevard	1601 Fox Boulevard	1702 Fox Boulevard	
				Field Sample ID:	D2-TW-0007980-22342-N	D2-TW-0007820-22342-3-N	D2-TW-0007820-22342-N	D2-TW-0008039-22342-N	D2-TW-0008041-22342-N	D2-TW-0008479-22342-N	D2-TW-0007861-22342-N	D2-TW-0007865-22342-N
				Sample Date:	2023-04-10	2023-02-23	2023-02-23	2023-04-10	2023-02-24	2023-01-23	2023-02-23	2023-02-24
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	220	540	540	460	450	340	880	410	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	63.9	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	55.9	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	120	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	1.90	1.90	1.80	1.90	1.80	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	1.30	1.30	1.50	1.50	1.60	1.30	1.40	
	Copper	1300	MCL	75.5	26.7	30.2	38.4	17.9	57.0	45.9	54.1	
	Lead	15	MCL	0.350	0.170	0.210	0.150	0.130	0.260	0.160	ND	
	Mercury	2	MCL	0.0250	ND	ND	ND	ND	ND	0.0250	ND	
	Selenium	50	MCL	ND	ND	ND	0.320	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:	D2-CORN1205		D2-CORN1217	D2-CORN1223	D2-FOXB1207	D2-FOXB1601	D2-FOXB1702	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	1205 Cornet Avenue		1217 Cornet Avenue	1223 Cornet Avenue	1207 Fox Boulevard	1601 Fox Boulevard	1702 Fox Boulevard	
				Field Sample ID:	D2-TW-0007980-22342-N	D2-TW-0007820-22342-3-N	D2-TW-0007820-22342-N	D2-TW-0008039-22342-N	D2-TW-0008041-22342-N	D2-TW-0008479-22342-N	D2-TW-0007861-22342-N	D2-TW-0007865-22342-N
				Sample Date:	2023-04-10	2023-02-23	2023-02-23	2023-04-10	2023-02-24	2023-01-23	2023-02-23	2023-02-24
				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	

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		Location ID:	D2-CHAL2426B	D2-CORN1205		D2-CORN1217	D2-CORN1223	D2-FOXB1207	D2-FOXB1601	D2-FOXB1702
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	2426B Challenger Loop	1205 Cornet Avenue		1217 Cornet Avenue	1223 Cornet Avenue	1207 Fox Boulevard	1601 Fox Boulevard	1702 Fox Boulevard
		Field Sample ID:	D2-TW-0007980-22342-N	D2-TW-0007820-22342-3-N	D2-TW-0007820-22342-N	D2-TW-0008039-22342-N	D2-TW-0008041-22342-N	D2-TW-0008479-22342-N	D2-TW-0007861-22342-N	D2-TW-0007865-22342-N
		Sample Date:	2023-04-10	2023-02-23	2023-02-23	2023-04-10	2023-02-24	2023-01-23	2023-02-23	2023-02-24
		Sample Type:	N (Normal)	FD (Field Duplicate)	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	ND	ND	ND
	Dichloroacetic acid	--	--	0.710	ND	ND	0.850	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	0.710	ND	ND	0.850	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.50	ND	ND	0.280	0.600	ND	0.290
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.770	ND	ND	ND	0.460	ND	0.270
	Total Trihalomethanes	80	MCL	2.27	ND	ND	0.280	1.06	ND	0.560

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
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		Location ID:	D2-FOXB1823	D2-FOXB1829	D2-FOXB1841	D2-FOXB1903	D2-FOXB1907	D2-FOXB1911	D2-FOXB1919	D2-FOXB1920	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1823 Fox Boulevard	1829 Fox Boulevard	1841 Fox Boulevard	1903 Fox Boulevard	1907 Fox Boulevard	1911 Fox Boulevard	1919 Fox Boulevard	1920 Fox Boulevard	
		Field Sample ID:	D2-TW-0007414-22342-N	D2-TW-0007417-22342-N	D2-TW-0007423-22342-N	D2-TW-0007427-22342-N	D2-TW-0007431-22342-N	D2-TW-0007435-22342-N	D2-TW-0007765-22342-N	D2-TW-0007766-22342-N	
		Sample Date:	2023-02-15	2023-04-26	2023-04-26	2023-04-26	2023-04-27	2023-04-27	2023-01-23	2023-04-26	
		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	210	500	240	280	190	240	700	310
Field Test (ppb)	Free Chlorine	4000	MCL	210	500	240	280	190	240	700	310
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	56.4	67.3	55.1	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	56.4	67.3	55.1	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	1.80	1.90	1.90	1.80	1.90	1.80	1.90
	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	1.90	1.70	1.70	1.70	1.80	1.70	1.90
	Copper	1300	MCL	63.0	33.9	58.4	60.5	49.8	139	49.3	49.9
	Lead	15	MCL	0.190	0.180	0.340	0.310	0.150	0.310	1.20	0.430
	Mercury	2	MCL	ND	0.0260	0.0330	ND	ND	ND	ND	0.0370
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0730	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-FOXB1823	D2-FOXB1829	D2-FOXB1841	D2-FOXB1903	D2-FOXB1907	D2-FOXB1911	D2-FOXB1919	D2-FOXB1920
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1823 Fox Boulevard	1829 Fox Boulevard	1841 Fox Boulevard	1903 Fox Boulevard	1907 Fox Boulevard	1911 Fox Boulevard	1919 Fox Boulevard	1920 Fox Boulevard
		Field Sample ID:	D2-TW-0007414-22342-N	D2-TW-0007417-22342-N	D2-TW-0007423-22342-N	D2-TW-0007427-22342-N	D2-TW-0007431-22342-N	D2-TW-0007435-22342-N	D2-TW-0007765-22342-N	D2-TW-0007766-22342-N
		Sample Date:	2023-02-15	2023-04-26	2023-04-26	2023-04-26	2023-04-27	2023-04-27	2023-01-23	2023-04-26
		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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		<b>Location Type:</b>	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		<b>Address:</b>	1823 Fox Boulevard	1829 Fox Boulevard	1841 Fox Boulevard	1903 Fox Boulevard	1907 Fox Boulevard	1911 Fox Boulevard	1919 Fox Boulevard	1920 Fox Boulevard
		<b>Field Sample ID:</b>	D2-TW-0007414-22342-N	D2-TW-0007417-22342-N	D2-TW-0007423-22342-N	D2-TW-0007427-22342-N	D2-TW-0007431-22342-N	D2-TW-0007435-22342-N	D2-TW-0007765-22342-N	D2-TW-0007766-22342-N
		<b>Sample Date:</b>	2023-02-15	2023-04-26	2023-04-26	2023-04-26	2023-04-27	2023-04-27	2023-01-23	2023-04-26
		<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)	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	ND	ND	ND	ND
	Bromoform	--	--	0.350	ND	0.700	ND	0.320	ND	0.370
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.350	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.350	ND	1.05	ND	0.320	ND	0.370

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		Location ID:	D2-FOXB2007	D2-FOXB2010	D2-FOXB2019	D2-FOXB2027		D2-GEMI0303	D2-GEMI0306	D2-GEMI0617	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	2007 Fox Boulevard	2010 Fox Boulevard	2019 Fox Boulevard	2027 Fox Boulevard		303 Gemini Avenue	306 Gemini Avenue	617 Gemini Avenue	
		Field Sample ID:	D2-TW-0007034-22342-N	D2-TW-0007037-22342-N	D2-TW-0007045-22342-N	D2-TW-0007049-22342-3-N	D2-TW-0007049-22342-N	D2-TW-0007140-22342-N	D2-TW-0007143-22342-N	D2-TW-0007153-22342-N	
		Sample Date:	2023-01-23	2023-04-19	2023-01-30	2023-03-29	2023-03-29	2023-03-30	2023-02-24	2023-03-02	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	190	240	120	330	330	30.0	310	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	68.5	ND	ND	58.8	ND	ND	67.4
	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	68.5	ND	ND	58.8	ND	ND	67.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.110	ND	0.100	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	1.80	1.80	1.90	2.00	1.90	1.90
	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	1.70	1.60	1.90	2.00	2.20	1.60	1.30
	Copper	1300	MCL	43.6	65.1	52.2	47.6	50.2	29.6	8.30	14.0
	Lead	15	MCL	0.400	0.150	0.160	0.270	0.290	0.570	0.230	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.300	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	
				Location Type:	Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	
				Address:	Address:	Address:	Address:		Address:	Address:	Address:	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
				D2-FOXB2007 Residence 2007 Fox Boulevard D2-TW-0007034-22342-N 2023-01-23 N (Normal)	D2-FOXB2010 Residence 2010 Fox Boulevard D2-TW-0007037-22342-N 2023-04-19 N (Normal)	D2-FOXB2019 Residence 2019 Fox Boulevard D2-TW-0007045-22342-N 2023-01-30 N (Normal)	D2-FOXB2027 Residence 2027 Fox Boulevard D2-TW-0007049-22342-3-N 2023-03-29 FD (Field Duplicate)		D2-TW-0007049-22342-N 2023-03-29 N (Normal)	D2-GEMI0303 Residence 303 Gemini Avenue D2-TW-0007140-22342-N 2023-03-30 N (Normal)	D2-GEMI0306 Residence 306 Gemini Avenue D2-TW-0007143-22342-N 2023-02-24 N (Normal)	D2-GEMI0617 Residence 617 Gemini Avenue D2-TW-0007153-22342-N 2023-03-02 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	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-FOXB2007	D2-FOXB2010	D2-FOXB2019	D2-FOXB2027		D2-GEMI0303	D2-GEMI0306	D2-GEMI0617
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	2007 Fox Boulevard	2010 Fox Boulevard	2019 Fox Boulevard	2027 Fox Boulevard		303 Gemini Avenue	306 Gemini Avenue	617 Gemini Avenue
		Field Sample ID:	D2-TW-0007034-22342-N	D2-TW-0007037-22342-N	D2-TW-0007045-22342-N	D2-TW-0007049-22342-3-N	D2-TW-0007049-22342-N	D2-TW-0007140-22342-N	D2-TW-0007143-22342-N	D2-TW-0007153-22342-N
		Sample Date:	2023-01-23	2023-04-19	2023-01-30	2023-03-29	2023-03-29	2023-03-30	2023-02-24	2023-03-02
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	ND	ND	ND	0.430	ND	ND
	Bromoform	--	--	ND	0.430	0.540	ND	27.8	0.250	0.300
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.260	ND	2.10	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.430	0.800	ND	30.3	0.250	0.300



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		Location ID:	D2-HARM1703	D2-HOAA0901	D2-HOAA0906	D2-HONU0111	D2-HONU0116	D2-HONU0117	D2-HOOL0701	D2-HOOL0703	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1703 Harmon Avenue	901 Hoaano Alley	906 Hoaano Alley	111 Honu Alley	116 Honu Alley	117 Honu Alley	701 Hoolaulima Alley	703 Hoolaulima Alley	
		Field Sample ID:	D2-TW-0007159-22342-N	D2-TW-0008127-22342-N	D2-TW-0008132-22342-N	D2-TW-0008135-22342-N	D2-TW-0008140-22342-N	D2-TW-0008141-22342-N	D2-TW-0008143-22342-N	D2-TW-0008145-22342-N	
		Sample Date:	2023-03-30	2023-01-30	2023-04-10	2023-01-30	2023-04-26	2023-01-30	2023-01-30	2023-04-26	
		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	70.0	320	430	370	560	390	260	520
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	61.4	ND	ND	67.1	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	53.9	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	53.9	ND	ND	61.4	ND	ND	67.1	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	1.90	2.00	1.80	2.00	1.90	2.00	1.90	1.90
	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	2.10	1.60	1.50	1.80	1.80	1.70	1.60	1.70
	Copper	1300	MCL	90.0	7.70	11.8	9.80	10.7	9.90	16.2	14.8
	Lead	15	MCL	0.850	11.9	0.130	0.260	0.210	5.40	0.190	0.310
	Mercury	2	MCL	ND	ND	ND	ND	0.0270	ND	ND	0.0340
	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 D2 Long Term Monitoring  
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		Location ID:	D2-HARM1703	D2-HOAA0901	D2-HOAA0906	D2-HONU0111	D2-HONU0116	D2-HONU0117	D2-HOOL0701	D2-HOOL0703
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1703 Harmon Avenue	901 Hoaano Alley	906 Hoaano Alley	111 Honu Alley	116 Honu Alley	117 Honu Alley	701 Hoolaulima Alley	703 Hoolaulima Alley
		Field Sample ID:	D2-TW-0007159-22342-N	D2-TW-0008127-22342-N	D2-TW-0008132-22342-N	D2-TW-0008135-22342-N	D2-TW-0008140-22342-N	D2-TW-0008141-22342-N	D2-TW-0008143-22342-N	D2-TW-0008145-22342-N
		Sample Date:	2023-03-30	2023-01-30	2023-04-10	2023-01-30	2023-04-26	2023-01-30	2023-01-30	2023-04-26
		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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Zone D2 Long Term Monitoring  
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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1703 Harmon Avenue	901 Hoaano Alley	906 Hoaano Alley	111 Honu Alley	116 Honu Alley	117 Honu Alley	701 Hoolaulima Alley	703 Hoolaulima Alley
		Field Sample ID:	D2-TW-0007159-22342-N	D2-TW-0008127-22342-N	D2-TW-0008132-22342-N	D2-TW-0008135-22342-N	D2-TW-0008140-22342-N	D2-TW-0008141-22342-N	D2-TW-0008143-22342-N	D2-TW-0008145-22342-N
		Sample Date:	2023-03-30	2023-01-30	2023-04-10	2023-01-30	2023-04-26	2023-01-30	2023-01-30	2023-04-26
		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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.580	ND	0.410	0.620	ND	0.370	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.550	ND	ND	0.250
	Total Trihalomethanes	80	MCL	0.580	ND	0.410	1.17	ND	0.370	0.250

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		Location ID:	D2-HOOL0706	D2-HOOL0707	D2-HOOP0916	D2-HUIL0345	D2-JULI0019	D2-JULI0021		D2-JULI0108	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	706 Hoolaulima Alley	707 Hoolaulima Alley	916 Hoopinana Alley	345 Huilanui Alley	19 Julian Avenue	21 Julian Avenue		108 Julian Avenue	
		Field Sample ID:	D2-TW-0008148-22342-N	D2-TW-0008149-22342-N	D2-TW-0008117-22342-N	D2-TW-0006982-22342-N	D2-TW-0008055-22342-N	D2-TW-0008056-22342-3-N	D2-TW-0008056-22342-N	D2-TW-0008064-22342-N	
		Sample Date:	2023-03-29	2023-04-26	2023-01-30	2023-02-24	2023-04-11	2023-01-30	2023-01-30	2023-01-30	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	400	440	410	350	400	400	220
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	53.9	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	83.4	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	83.4	53.9	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	0.150	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.00	1.90	2.00	1.90	1.90	1.90	1.90
	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	1.80	1.50	1.50	1.50	1.50	1.50	1.60
	Copper	1300	MCL	3.30	21.2	10.6	11.5	57.3	27.7	29.8	44.4
	Lead	15	MCL	0.360	0.220	0.180	0.230	0.430	ND	ND	ND
	Mercury	2	MCL	ND	0.0320	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	0.0500	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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 Zone D2 Long Term Monitoring  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:	Location ID:		Location ID:
				Location Type:	Location Type:	Location Type:	Location Type:	Location Type:	Location Type:		Location Type:
				Address:	Address:	Address:	Address:	Address:	Address:		Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	D2-HOOL0706 Residence 706 Hoolaulima Alley D2-TW-0008148-22342-N 2023-03-29 N (Normal)	D2-HOOL0707 Residence 707 Hoolaulima Alley D2-TW-0008149-22342-N 2023-04-26 N (Normal)	D2-HOOP0916 Residence 916 Hoopinana Alley D2-TW-0008117-22342-N 2023-01-30 N (Normal)	D2-HUIL0345 Residence 345 Huilanui Alley D2-TW-0006982-22342-N 2023-02-24 N (Normal)	D2-JULI0019 Residence 19 Julian Avenue D2-TW-0008055-22342-N 2023-04-11 N (Normal)	D2-JULI0021 Residence 21 Julian Avenue D2-TW-0008056-22342-3-N 2023-01-30 FD (Field Duplicate)		D2-JULI0108 Residence 108 Julian Avenue D2-TW-0008064-22342-N 2023-01-30 N (Normal)
	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	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	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:	D2-HOOL0706	D2-HOOL0707	D2-HOOP0916	D2-HUIL0345	D2-JULI0019	D2-JULI0021		D2-JULI0108
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	706 Hoolaulima Alley	707 Hoolaulima Alley	916 Hoopinana Alley	345 Huilanui Alley	19 Julian Avenue	21 Julian Avenue		108 Julian Avenue
				Field Sample ID:	D2-TW-0008148-22342-N	D2-TW-0008149-22342-N	D2-TW-0008117-22342-N	D2-TW-0006982-22342-N	D2-TW-0008055-22342-N	D2-TW-0008056-22342-3-N	D2-TW-0008056-22342-N	D2-TW-0008064-22342-N
				Sample Date:	2023-03-29	2023-04-26	2023-01-30	2023-02-24	2023-04-11	2023-01-30	2023-01-30	2023-01-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	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	ND	ND
	Bromoform	--	--	ND	ND	0.290	0.700	ND	ND	ND	ND	0.340
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.560	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.290	1.26	ND	ND	ND	ND	0.340

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		Location ID:	D2-JULI0405	D2-JULI0513	D2-JULI0601	D2-JULI0604	D2-KAIK0446	D2-KAMA0101	D2-KAUW0637	D2-KAWE0523	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	405 Julian Avenue	513 Julian Avenue	601 Julian Avenue	604 Julian Avenue	446 Kaikahu Alley	101 Kamakaaina Alley	637 Kauwenaole Alley	523 Kawehiwehi Street	
		Field Sample ID:	D2-TW-0007515-22342-N	D2-TW-0007353-22342-N	D2-TW-0007354-22342-N	D2-TW-0007357-22342-N	D2-TW-0007371-22342-N	D2-TW-0007854-22342-N	D2-TW-0006932-22342-N	D2-TW-0006934-22342-N	
		Sample Date:	2023-02-23	2023-01-20	2023-03-30	2023-03-02	2023-01-30	2023-01-30	2023-04-26	2023-02-23	
		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	340	220	130	360	400	470	490	350
Field Test (ppb)	Free Chlorine	4000	MCL	340	220	130	360	400	470	490	350
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	58.5	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	59.6	ND	ND	77.8	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	59.6	ND	58.5	77.8	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.140	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	1.90	1.90	2.00	1.90	1.90	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	1.80	2.20	1.40	1.60	1.60	1.80	1.80
	Copper	1300	MCL	56.2	84.8	79.7	23.9	11.4	9.20	18.0	25.3
	Lead	15	MCL	0.340	0.880	0.230	0.250	0.270	0.430	0.280	2.10
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0350	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0690	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	0.0110	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	0.590	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 D2 Long Term Monitoring  
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		Location ID:	D2-JULI0405	D2-JULI0513	D2-JULI0601	D2-JULI0604	D2-KAIK0446	D2-KAMA0101	D2-KAUW0637	D2-KAWE0523
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	405 Julian Avenue	513 Julian Avenue	601 Julian Avenue	604 Julian Avenue	446 Kaikahu Alley	101 Kamakaaina Alley	637 Kauwenaole Alley	523 Kawehiwehi Street
		Field Sample ID:	D2-TW-0007515-22342-N	D2-TW-0007353-22342-N	D2-TW-0007354-22342-N	D2-TW-0007357-22342-N	D2-TW-0007371-22342-N	D2-TW-0007854-22342-N	D2-TW-0006932-22342-N	D2-TW-0006934-22342-N
		Sample Date:	2023-02-23	2023-01-20	2023-03-30	2023-03-02	2023-01-30	2023-01-30	2023-04-26	2023-02-23
		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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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	405 Julian Avenue	513 Julian Avenue	601 Julian Avenue	604 Julian Avenue	446 Kaikahu Alley	101 Kamakaaina Alley	637 Kauwenaole Alley	523 Kawehiwehi Street
		Field Sample ID:	D2-TW-0007515-22342-N	D2-TW-0007353-22342-N	D2-TW-0007354-22342-N	D2-TW-0007357-22342-N	D2-TW-0007371-22342-N	D2-TW-0007854-22342-N	D2-TW-0006932-22342-N	D2-TW-0006934-22342-N
		Sample Date:	2023-02-23	2023-01-20	2023-03-30	2023-03-02	2023-01-30	2023-01-30	2023-04-26	2023-02-23
		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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.60	0.360	0.350	ND	0.650	0.310	0.340
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.260	ND	ND	0.380	0.270	0.260
	Total Trihalomethanes	80	MCL	1.60	0.620	0.350	ND	1.03	0.580	0.600

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		Location ID:	D2-KAWE0524	D2-KAWE0665	D2-KAWE0734	D2-KAWE0737	D2-KOAA0504	D2-KULE0603	D2-KUMA0284	D2-KUMA0285	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	524 Kawehiwehi Street	665 Kawehiwehi Street	734 Kawehiwehi Street	737 Kawehiwehi Street	504 Koaaina Alley	603 Kulekia Alley	284 Kumama Alley	285 Kumama Alley	
		Field Sample ID:	D2-TW-0006935-22342-N	D2-TW-0008417-22342-N	D2-TW-0007776-22342-N	D2-TW-0007778-22342-N	D2-TW-0007784-22342-N	D2-TW-0007791-22342-N	D2-TW-0007923-22342-N	D2-TW-0007924-22342-3-N	
		Sample Date:	2023-04-19	2023-04-10	2023-03-29	2023-01-30	2023-03-02	2023-01-30	2023-04-19	2023-03-02	
		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	550	430	440	420	400	410	300	410
Field Test (ppb)	Free Chlorine	4000	MCL	550	430	440	420	400	410	300	410
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.4	ND	79.9	ND	70.4	73.2	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	53.4	ND	79.9	ND	70.4	73.2	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.200	ND	ND	ND	0.100	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	1.90	1.90	1.90	2.00	1.90	1.90
	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	1.70	2.40	1.70	1.60	1.20	1.60	1.70	1.50
	Copper	1300	MCL	11.5	11.5	11.6	11.5	9.10	5.40	11.9	11.4
	Lead	15	MCL	0.240	0.250	0.190	0.200	ND	0.220	0.340	0.230
	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	0.0820	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-KAWE0524	D2-KAWE0665	D2-KAWE0734	D2-KAWE0737	D2-KOAA0504	D2-KULE0603	D2-KUMA0284	D2-KUMA0285	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	524 Kawehiwehi Street	665 Kawehiwehi Street	734 Kawehiwehi Street	737 Kawehiwehi Street	504 Koaaina Alley	603 Kulekia Alley	284 Kumama Alley	285 Kumama Alley	
		Field Sample ID:	D2-TW-0006935-22342-N	D2-TW-0008417-22342-N	D2-TW-0007776-22342-N	D2-TW-0007778-22342-N	D2-TW-0007784-22342-N	D2-TW-0007791-22342-N	D2-TW-0007923-22342-N	D2-TW-0007924-22342-3-N	
		Sample Date:	2023-04-19	2023-04-10	2023-03-29	2023-01-30	2023-03-02	2023-01-30	2023-04-19	2023-03-02	
		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	D2-KAWE0524	D2-KAWE0665	D2-KAWE0734	D2-KAWE0737	D2-KOAA0504	D2-KULE0603	D2-KUMA0284	D2-KUMA0285
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	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	524 Kawehiwehi Street	665 Kawehiwehi Street	734 Kawehiwehi Street	737 Kawehiwehi Street	504 Koaaina Alley	603 Kulekia Alley	284 Kumama Alley	285 Kumama Alley
		Field Sample ID:	D2-TW-0006935-22342-N	D2-TW-0008417-22342-N	D2-TW-0007776-22342-N	D2-TW-0007778-22342-N	D2-TW-0007784-22342-N	D2-TW-0007791-22342-N	D2-TW-0007923-22342-N	D2-TW-0007924-22342-3-N
		Sample Date:	2023-04-19	2023-04-10	2023-03-29	2023-01-30	2023-03-02	2023-01-30	2023-04-19	2023-03-02
		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	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	9.20	0.400	ND	0.300	ND	0.490	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.920	ND	ND	ND	ND	0.290	ND
	Total Trihalomethanes	80	MCL	10.1	0.400	ND	0.300	ND	0.780	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-KUMA0285	D2-KUMA0293	D2-LELE0625	D2-LEWA0243	D2-LEWA0254	D2-LEWA0258	D2-LEWA0275	D2-LEWA0332
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	285 Kumama Alley	293 Kumama Alley	625 Lelemanu Alley	243 Lewa Hia Loop	254 Lewa Hia Loop	258 Lewa Hia Loop	275 Lewa Hia Loop	332 Lewa Mawaho Loop
				Field Sample ID:	D2-TW-0007924-22342-N	D2-TW-0006988-22342-N	D2-TW-0006993-22342-N	D2-TW-0007621-22342-N	D2-TW-0007627-22342-N	D2-TW-0007629-22342-N	D2-TW-0008224-22342-N	D2-TW-0008233-22342-N
				Sample Date:	2023-03-02	2023-03-29	2023-03-29	2023-01-30	2023-03-29	2023-01-31	2023-01-31	2023-02-15
				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	410	530	680	400	480	460	400	310	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.0	ND	ND	ND	83.7	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	55.0	ND	ND	ND	83.7	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	2.10	1.90	1.90	1.90	1.80	1.90	
	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	1.40	1.90	1.80	1.60	1.90	1.70	1.50	1.60	
	Copper	1300	MCL	9.70	12.7	11.8	15.4	9.70	7.90	4.10	10.7	
	Lead	15	MCL	0.230	ND	0.160	0.190	0.180	0.160	0.310	0.180	
	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	0.0150	ND	ND	ND	ND	0.0150	
	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-KUMA0285	D2-KUMA0293	D2-LELE0625	D2-LEWA0243	D2-LEWA0254	D2-LEWA0258	D2-LEWA0275	D2-LEWA0332
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	285 Kumama Alley	293 Kumama Alley	625 Lelemanu Alley	243 Lewa Hia Loop	254 Lewa Hia Loop	258 Lewa Hia Loop	275 Lewa Hia Loop	332 Lewa Mawaho Loop
				Field Sample ID:	D2-TW-0007924-22342-N	D2-TW-0006988-22342-N	D2-TW-0006993-22342-N	D2-TW-0007621-22342-N	D2-TW-0007627-22342-N	D2-TW-0007629-22342-N	D2-TW-0008224-22342-N	D2-TW-0008233-22342-N
				Sample Date:	2023-03-02	2023-03-29	2023-03-29	2023-01-30	2023-03-29	2023-01-31	2023-01-31	2023-02-15
				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 D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-KUMA0285	D2-KUMA0293	D2-LELE0625	D2-LEWA0243	D2-LEWA0254	D2-LEWA0258	D2-LEWA0275	D2-LEWA0332	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	285 Kumama Alley	293 Kumama Alley	625 Lelemanu Alley	243 Lewa Hia Loop	254 Lewa Hia Loop	258 Lewa Hia Loop	275 Lewa Hia Loop	332 Lewa Mawaho Loop	
		Field Sample ID:	D2-TW-0007924-22342-N	D2-TW-0006988-22342-N	D2-TW-0006993-22342-N	D2-TW-0007621-22342-N	D2-TW-0007627-22342-N	D2-TW-0007629-22342-N	D2-TW-0008224-22342-N	D2-TW-0008233-22342-N	
		Sample Date:	2023-03-02	2023-03-29	2023-03-29	2023-01-30	2023-03-29	2023-01-31	2023-01-31	2023-02-15	
		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	D2-KUMA0285	D2-KUMA0293	D2-LELE0625	D2-LEWA0243	D2-LEWA0254	D2-LEWA0258	D2-LEWA0275	D2-LEWA0332
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	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	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.360	ND	0.250	ND	ND	ND	ND	1.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	ND	ND	ND	ND	ND	ND	0.590
	Total Trihalomethanes	80	MCL	0.660	ND	0.250	ND	ND	ND	ND	1.79

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0361	D2-LEWA0364	D2-LEWA0365	D2-LEWA0367	D2-LEWA0392	D2-LEWA0398	D2-LEWA0402	D2-LEWA0406
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	361 Lewahana Loop	364 Lewahana Loop	365 Lewahana Loop	367 Lewahana Loop	392 Lewahana Loop	398 Lewahana Loop	402 Lewa Mawaho Loop	406 Lewa Mawaho Loop
				Field Sample ID:	D2-TW-0008154-22342-N	D2-TW-0008156-22342-N	D2-TW-0008157-22342-N	D2-TW-0008159-22342-N	D2-TW-0007275-22342-N	D2-TW-0007281-22342-N	D2-TW-0007282-22342-N	D2-TW-0007284-22342-3-N
				Sample Date:	2023-03-02	2023-02-23	2023-02-23	2023-02-23	2023-01-31	2023-03-30	2023-02-23	2023-03-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Field Test (ppb)	Free Chlorine	4000	MCL		790	310	190	260	90.0	410	490	30.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP		ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--		ND	59.0	56.3	ND	ND	ND	ND	62.3
	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	59.0	56.3	ND	ND	ND	ND	62.3
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		1.90	1.80	2.00	1.80	1.90	1.80	10.4	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		1.30	1.40	1.50	1.40	1.50	3.80	1.40	1.50
	Copper	1300	MCL		7.10	11.0	15.6	12.8	7.00	7.70	7.80	12.4
	Lead	15	MCL		ND	0.130	0.360	0.170	0.180	0.170	0.140	0.470
	Mercury	2	MCL		ND	ND	ND	ND	ND	ND	0.0250	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:	D2-LEWA0361	D2-LEWA0364	D2-LEWA0365	D2-LEWA0367	D2-LEWA0392	D2-LEWA0398	D2-LEWA0402	D2-LEWA0406
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	361 Lewahana Loop	364 Lewahana Loop	365 Lewahana Loop	367 Lewahana Loop	392 Lewahana Loop	398 Lewahana Loop	402 Lewa Mawaho Loop	406 Lewa Mawaho Loop
				Field Sample ID:	D2-TW-0008154-22342-N	D2-TW-0008156-22342-N	D2-TW-0008157-22342-N	D2-TW-0008159-22342-N	D2-TW-0007275-22342-N	D2-TW-0007281-22342-N	D2-TW-0007282-22342-N	D2-TW-0007284-22342-3-N
				Sample Date:	2023-03-02	2023-02-23	2023-02-23	2023-02-23	2023-01-31	2023-03-30	2023-02-23	2023-03-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-LEWA0361	D2-LEWA0364	D2-LEWA0365	D2-LEWA0367	D2-LEWA0392	D2-LEWA0398	D2-LEWA0402	D2-LEWA0406
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	361 Lewahana Loop	364 Lewahana Loop	365 Lewahana Loop	367 Lewahana Loop	392 Lewahana Loop	398 Lewahana Loop	402 Lewa Mawaho Loop	406 Lewa Mawaho Loop
		Field Sample ID:	D2-TW-0008154-22342-N	D2-TW-0008156-22342-N	D2-TW-0008157-22342-N	D2-TW-0008159-22342-N	D2-TW-0007275-22342-N	D2-TW-0007281-22342-N	D2-TW-0007282-22342-N	D2-TW-0007284-22342-3-N
		Sample Date:	2023-03-02	2023-02-23	2023-02-23	2023-02-23	2023-01-31	2023-03-30	2023-02-23	2023-03-02
		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)	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	0.350	ND	ND	ND
	Bromoform	--	--	ND	ND	1.20	4.30	0.760	0.250	0.510
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.580	1.40	0.510	ND	0.440
	Total Trihalomethanes	80	MCL	ND	ND	1.78	6.05	1.27	0.250	0.950

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		Location ID:	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	406 Lewa Mawaho Loop	415 Lewa Mawaho Loop	216 Mercury Street	1003 Mills Boulevard	1103 Mills Boulevard	305 Monthan Street	301 Moore Street	304 Moore Street	
		Field Sample ID:	D2-TW-0007284-22342-N	D2-TW-0007289-22342-N	D2-TW-0007296-22342-N	D2-TW-0007378-22342-N	D2-TW-0007380-22342-N	D2-TW-0007707-22342-N	D2-TW-0007708-22342-N	D2-TW-0007711-22342-N	
		Sample Date:	2023-03-02	2023-01-31	2023-01-31	2023-03-30	2023-01-31	2023-02-15	2023-01-31	2023-01-30	
		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	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	140	390	420	390	220	430	360
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	66.2	52.3	ND	56.9	ND	ND	61.6	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	66.2	52.3	ND	56.9	ND	ND	61.6	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120	ND	ND	0.100	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.80	1.80	2.00	1.90	1.90	2.00	1.90
	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	1.60	1.40	2.30	1.40	1.40	1.60	1.60
	Copper	1300	MCL	11.1	14.0	7.60	11.7	6.30	13.1	15.0	3.50
	Lead	15	MCL	0.280	0.180	0.200	0.230	ND	ND	0.170	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0520	ND
Synthetic Organic Compounds (ppb)	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	0.440	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	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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		Location ID:	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	406 Lewa Mawaho Loop	415 Lewa Mawaho Loop	216 Mercury Street	1003 Mills Boulevard	1103 Mills Boulevard	305 Monthan Street	301 Moore Street	304 Moore Street	
		Field Sample ID:	D2-TW-0007284-22342-N	D2-TW-0007289-22342-N	D2-TW-0007296-22342-N	D2-TW-0007378-22342-N	D2-TW-0007380-22342-N	D2-TW-0007707-22342-N	D2-TW-0007708-22342-N	D2-TW-0007711-22342-N	
		Sample Date:	2023-03-02	2023-01-31	2023-01-31	2023-03-30	2023-01-31	2023-02-15	2023-01-31	2023-01-30	
		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	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304
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 D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	406 Lewa Mawaho Loop	415 Lewa Mawaho Loop	216 Mercury Street	1003 Mills Boulevard	1103 Mills Boulevard	305 Monthan Street	301 Moore Street	304 Moore Street	
		Field Sample ID:	D2-TW-0007284-22342-N	D2-TW-0007289-22342-N	D2-TW-0007296-22342-N	D2-TW-0007378-22342-N	D2-TW-0007380-22342-N	D2-TW-0007707-22342-N	D2-TW-0007708-22342-N	D2-TW-0007711-22342-N	
		Sample Date:	2023-03-02	2023-01-31	2023-01-31	2023-03-30	2023-01-31	2023-02-15	2023-01-31	2023-01-30	
		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	D2-LEWA0406	D2-LEWA0415	D2-MERC0216	D2-MILL1003	D2-MILL1103	D2-MONT0305	D2-MOOR0301	D2-MOOR0304
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	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	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.270	0.390	ND	ND	ND
	Bromoform	--	--	1.20	ND	0.550	0.580	0.890	0.290	0.330	0.340
	Chloroform	--	--	ND	ND	ND	ND	0.260	ND	ND	ND
	Dibromochloromethane	--	--	0.510	ND	0.340	0.600	0.920	ND	0.260	0.260
	Total Trihalomethanes	80	MCL	1.71	ND	0.890	1.45	2.46	0.290	0.590	0.600

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 Zone D2 Long Term Monitoring  
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		Location ID:	D2-OPUL0433	D2-PONA0405	D2-PORT1102	D2-PORT1306		D2-PORT1904	D2-PORT1919	D2-SIGN0206	
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence	
		Address:	433 Opulepule Alley	405 Ponanonano Alley	1102 Porter Avenue	1306 Porter Avenue		1904 Porter Avenue	1919 Porter Avenue	206 Signer Boulevard	
		Field Sample ID:	D2-TW-0007713-22342-N	D2-TW-0007718-22342-N	D2-TW-0007724-22342-N	D2-TW-0007727-22342-3-N	D2-TW-0007727-22342-N	D2-TW-0007741-22342-N	D2-TW-0007749-22342-N	D2-TW-0007754-22342-N	
		Sample Date:	2023-01-31	2023-03-29	2023-02-23	2023-01-31	2023-01-31	2023-01-31	2023-03-02	2023-01-31	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	310	450	550	430	430	270	320	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	73.2	57.6	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	54.9	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	73.2	113	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	1.90	1.80	1.80	1.80	1.90	1.80	1.80	1.90
	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	1.80	1.40	1.60	1.50	1.50	1.40	1.40
	Copper	1300	MCL	12.6	11.5	7.30	29.0	23.7	89.4	151	39.7
	Lead	15	MCL	0.250	0.190	0.270	ND	ND	ND	0.160	0.300
	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 D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D2-OPUL0433	D2-PONA0405	D2-PORT1102	D2-PORT1306		D2-PORT1904	D2-PORT1919	D2-SIGN0206
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
		Address:	433 Opulepule Alley	405 Ponanonano Alley	1102 Porter Avenue	1306 Porter Avenue		1904 Porter Avenue	1919 Porter Avenue	206 Signer Boulevard
		Field Sample ID:	D2-TW-0007713-22342-N	D2-TW-0007718-22342-N	D2-TW-0007724-22342-N	D2-TW-0007727-22342-3-N	D2-TW-0007727-22342-N	D2-TW-0007741-22342-N	D2-TW-0007749-22342-N	D2-TW-0007754-22342-N
		Sample Date:	2023-01-31	2023-03-29	2023-02-23	2023-01-31	2023-01-31	2023-01-31	2023-03-02	2023-01-31
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-OPUL0433	D2-PONA0405	D2-PORT1102	D2-PORT1306		D2-PORT1904	D2-PORT1919	D2-SIGN0206
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	433 Opulepule Alley	405 Ponanonano Alley	1102 Porter Avenue	1306 Porter Avenue		1904 Porter Avenue	1919 Porter Avenue	206 Signer Boulevard
				Field Sample ID:	D2-TW-0007713-22342-N	D2-TW-0007718-22342-N	D2-TW-0007724-22342-N	D2-TW-0007727-22342-3-N	D2-TW-0007727-22342-N	D2-TW-0007741-22342-N	D2-TW-0007749-22342-N	D2-TW-0007754-22342-N
				Sample Date:	2023-01-31	2023-03-29	2023-02-23	2023-01-31	2023-01-31	2023-01-31	2023-03-02	2023-01-31
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	ND	0.380	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.20	ND	1.00	ND	0.310	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.690	ND	1.10	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.15	ND	2.48	ND	0.310	ND	ND	ND	ND



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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-TINK0110	D2-TINK1607	D2-TINK1806		D2-WILS0205	D2-WORT0205	D2-WORT0405
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	110 Tinker Drive	1607 Tinker Avenue	1806 Tinker Avenue		205 Wilson Street	205 Worthington Avenue	405 Worthington Avenue
				Field Sample ID:	D2-TW-0008465-22342-N	D2-TW-0008255-22342-N	D2-TW-0007336-22342-3-N	D2-TW-0007336-22342-N	D2-TW-0007392-22342-N	D2-TW-0007399-22342-N	D2-TW-0007885-22342-N
				Sample Date:	2023-01-31	2023-02-24	2023-02-01	2023-02-01	2023-03-30	2023-01-31	2023-03-30
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	170	410	400	400	510	150	290	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.9	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	53.9	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.90	1.80	1.80	1.80	1.90	1.80	1.90	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.70	1.50	1.40	1.50	2.10	1.50	2.10	
	Copper	1300	MCL	42.1	40.5	24.5	26.3	12.0	73.5	73.8	
	Lead	15	MCL	ND	ND	ND	0.170	0.550	0.380	0.430	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	0.0170	0.0150	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	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:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	
				D2-TINK0110	D2-TINK1607	D2-TINK1806		D2-WILS0205	D2-WORT0205	D2-WORT0405	
				Residence	Residence	Residence		Residence	Residence	Residence	
				110 Tinker Drive	1607 Tinker Avenue	1806 Tinker Avenue		205 Wilson Street	205 Worthington Avenue	405 Worthington Avenue	
				D2-TW-0008465-22342-N	D2-TW-0008255-22342-N	D2-TW-0007336-22342-3-N	D2-TW-0007336-22342-N	D2-TW-0007392-22342-N	D2-TW-0007399-22342-N	D2-TW-0007885-22342-N	
				2023-01-31	2023-02-24	2023-02-01	2023-02-01	2023-03-30	2023-01-31	2023-03-30	
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:
				D2-TINK0110	D2-TINK1607	D2-TINK1806		D2-WILS0205	D2-WORT0205	D2-WORT0405
				Residence	Residence	Residence		Residence	Residence	Residence
				Address:	Address:	Address:		Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
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	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	0.260	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	0.260	ND

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D2

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		Location ID: D2-BLDG641H Location Type: School Address: HICKAM ELEM - P1, Building 641H						
		Field Sample ID: D2-TW-0015498-22342-N-1    D2-TW-0015498-22342-N-2    D2-TW-0015498-22342-N-3    D2-TW-0015498-22342-N-4    D2-TW-0015498-22342-N-5						
		Sample Date: 2023-02-15    2023-02-15    2023-02-15    2023-02-15    2023-02-15						
		Sample Type: 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	40.0-420	40.0-420	40.0-420	40.0-420	40.0-420
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 Motor 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	ND	ND	ND
	Barium	2000	MCL	4.60	1.90	2.00	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	1.70	1.50	1.60	1.50
	Copper	1300	MCL	5.60	29.3	37.2	165	305
	Lead	15	MCL	0.690	0.140	0.200	ND	0.130
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND
	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	0.0160	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.410	ND	0.540	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D2

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		Location ID:	D2-BLDG641H					
		Location Type:	School					
		Address:	HICKAM ELEM - P1, Building 641H					
		Field Sample ID:	D2-TW-0015498-22342-N-1	D2-TW-0015498-22342-N-2	D2-TW-0015498-22342-N-3	D2-TW-0015498-22342-N-4	D2-TW-0015498-22342-N-5	
		Sample Date:	2023-02-15	2023-02-15	2023-02-15	2023-02-15	2023-02-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D2

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		Location ID:	D2-BLDG641H					
		Location Type:	School					
		Address:	HICKAM ELEM - P1, Building 641H					
		Field Sample ID:	D2-TW-0015498-22342-N-1	D2-TW-0015498-22342-N-2	D2-TW-0015498-22342-N-3	D2-TW-0015498-22342-N-4	D2-TW-0015498-22342-N-5	
		Sample Date:	2023-02-15	2023-02-15	2023-02-15	2023-02-15	2023-02-15	
		Sample Type:	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
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	1.20	ND	ND	0.290	0.490
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	ND	ND	ND	0.270
	Total Trihalomethanes	80	MCL	1.50	ND	ND	0.290	0.760

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone D2

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<b>Location ID:</b>	D2-BLDG623H	
<b>Location Type:</b>	Child Development Center	
<b>Address:</b>	Building 623H, HARBOR CHILD DEVELOPMENT CENTER	
<b>Field Sample ID:</b>	D2-TW-0015492-22342-N-1	D2-TW-0015492-22342-N-2
<b>Sample Date:</b>	2023-01-31	2023-01-31
<b>Sample Type:</b>	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	340-420	340-420
Field Test (ppb)	Free Chlorine	4000	MCL	340-420	340-420
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor 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	1.90	2.00
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.70	1.50
	Copper	1300	MCL	24.7	13.9
	Lead	15	MCL	ND	ND
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	ND	ND
	Thallium	2	MCL	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0130
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
	Naphthalene	17	EAL	ND	ND

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone D2

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<b>Location ID:</b>	D2-BLDG623H	
<b>Location Type:</b>	Child Development Center	
<b>Address:</b>	Building 623H, HARBOR CHILD DEVELOPMENT CENTER	
<b>Field Sample ID:</b>	D2-TW-0015492-22342-N-1	D2-TW-0015492-22342-N-2
<b>Sample Date:</b>	2023-01-31	2023-01-31
<b>Sample Type:</b>	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND
	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	



Summary of Chemistry Results  
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<b>Location ID:</b>	D2-BLDG623H	
<b>Location Type:</b>	Child Development Center	
<b>Address:</b>	Building 623H, HARBOR CHILD DEVELOPMENT CENTER	
<b>Field Sample ID:</b>	D2-TW-0015492-22342-N-1	D2-TW-0015492-22342-N-2
<b>Sample Date:</b>	2023-01-31	2023-01-31
<b>Sample Type:</b>	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	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
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	0.300	0.720
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	0.450
	Total Trihalomethanes	80	MCL	0.300	1.17

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D2

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-BLDG1055H	D2-BLDG1060H	D2-BLDG1172H	D2-BLDG1202H	D2-BLDG192H	D2-BLDG2045H	D2-BLDG554H	D2-BLDG559H
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building	Medical Building
				Address:	Building 1055H,SHOP-ACFT GEN PURP HGR 34&35	Building 1060H,INSTRUMENT CALIBRATION SHOP	Building 1172H,NGIS - NAVY TDY	Building 1202H,BASE ENGINEER MAINTENANCE	Building 192H,MAIN GATE	Building 2045H,HQ MAJOR CMD, HGR 3&5	Building 554H,OCCUPATIONA L HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle
				Field Sample ID:	D2-TW-0015564-22342-N	D2-TW-0015566-22342-N	D2-TW-0015588-22342-N	D2-TW-0015591-22342-N	D2-TW-0015424-22342-N	D2-TW-0015437-22342-N	D2-TW-0015474-22342-N	D2-TW-0015476-22342-N
				Sample Date:	2023-02-15	2023-02-15	2023-02-15	2023-01-31	2023-02-15	2023-04-19	2023-01-30	2023-01-30
				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	20.0	540	80.0	110	480	50.0	170	200	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	220	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	58.9	ND	ND	71.8	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	58.9	ND	ND	71.8	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	1.90	1.80	1.90	2.20	2.00	1.90	2.00	0.930	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	0.170	
	Chromium	100	MCL	1.60	1.60	1.40	1.40	1.70	1.70	1.40	2.70	
	Copper	1300	MCL	231	24.9	43.8	45.4	78.8	599	82.9	115	
	Lead	15	MCL	ND	0.210	0.140	ND	ND	11.2	0.350	0.700	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	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	0.0100	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.500	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-BLDG1055H	D2-BLDG1060H	D2-BLDG1172H	D2-BLDG1202H	D2-BLDG192H	D2-BLDG2045H	D2-BLDG554H	D2-BLDG559H
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building	Medical Building
				Address:	Building 1055H,SHOP-ACFT GEN PURP HGR 34&35	Building 1060H,INSTRUMENT CALIBRATION SHOP	Building 1172H,NGIS - NAVY TDY	Building 1202H,BASE ENGINEER MAINTENANCE	Building 192H,MAIN GATE	Building 2045H,HQ MAJOR CMD, HGR 3&5	Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle
				Field Sample ID:	D2-TW-0015564-22342-N	D2-TW-0015566-22342-N	D2-TW-0015588-22342-N	D2-TW-0015591-22342-N	D2-TW-0015424-22342-N	D2-TW-0015437-22342-N	D2-TW-0015474-22342-N	D2-TW-0015476-22342-N
				Sample Date:	2023-02-15	2023-02-15	2023-02-15	2023-01-31	2023-02-15	2023-04-19	2023-01-30	2023-01-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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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:	D2-BLDG1055H	D2-BLDG1060H	D2-BLDG1172H	D2-BLDG1202H	D2-BLDG192H	D2-BLDG2045H	D2-BLDG554H	D2-BLDG559H
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building	Medical Building
				Address:	Building 1055H,SHOP-ACFT GEN PURP HGR 34&35	Building 1060H,INSTRUMENT CALIBRATION SHOP	Building 1172H,NGIS - NAVY TDY	Building 1202H,BASE ENGINEER MAINTENANCE	Building 192H,MAIN GATE	Building 2045H,HQ MAJOR CMD, HGR 3&5	Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle
				Field Sample ID:	D2-TW-0015564-22342-N	D2-TW-0015566-22342-N	D2-TW-0015588-22342-N	D2-TW-0015591-22342-N	D2-TW-0015424-22342-N	D2-TW-0015437-22342-N	D2-TW-0015474-22342-N	D2-TW-0015476-22342-N
				Sample Date:	2023-02-15	2023-02-15	2023-02-15	2023-01-31	2023-02-15	2023-04-19	2023-01-30	2023-01-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	--	--	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	ND	3.50
	Bromoform	--	--	1.70	0.260	0.510	0.350	ND	2.00	0.880	9.30	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	2.50	
	Dibromochloromethane	--	--	0.450	ND	ND	0.250	ND	0.360	0.460	6.20	
	Total Trihalomethanes	80	MCL	2.15	0.260	0.510	0.600	ND	2.36	1.34	21.5	

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D2

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N (Grab, Resample) = Additional follow-up sample

<b>Location ID:</b>	D2-BLDG940H
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	Building 940H,NGIS - NAVY TDY
<b>Field Sample ID:</b>	D2-TW-0015538-22342-N
<b>Sample Date:</b>	2023-04-19
<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	410
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	1.90
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	1.70
	Copper	1300	MCL	131
	Lead	15	MCL	0.350
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
Thallium	2	MCL	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND

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<b>Location ID:</b>	D2-BLDG940H
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	Building 940H,NGIS - NAVY TDY
<b>Field Sample ID:</b>	D2-TW-0015538-22342-N
<b>Sample Date:</b>	2023-04-19
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND
	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

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<b>Location ID:</b>	D2-BLDG940H
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	Building 940H,NGIS - NAVY TDY
<b>Field Sample ID:</b>	D2-TW-0015538-22342-N
<b>Sample Date:</b>	2023-04-19
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND
	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.350
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	0.350

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-HYD0079	D2-HYD0498	D2-HYD1599		D2-HYD1610	D2-HYD236	D2-HYD321	
				Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	
				Address:	FH:519	FH:509	FH:429		FH:074	FH:236 (Possibly HYD263, HYD-2154)	FH:321	
				Field Sample ID:	D2-DL-0017714-22342 -N	D2-DL-0017715-22342 -N	D2-DL-0000574-22342 -3-N	D2-DL-0000574-22342 -N	D2-DL-0000583-22342 -N	D2-DL-0017711-22342 -N	D2-DL-0017709-22342 -3-N	D2-DL-0017709-22342 -N
				Sample Date:	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL		360	390	360	360	340	460	70.0	70.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP		ND	ND	ND	ND	ND	ND	220	210
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 Motor Oil)	--	--		55.2	60.8	61.2	53.7	52.6	56.4	54.4	64.4
	Petroleum Hydrocarbons, Total	266	ISP		55.2	60.8	61.2	53.7	52.6	56.4	54.4	64.4
Metals (ppb)	Antimony	6	MCL		ND	ND	ND	ND	0.150	ND	0.350	0.330
	Arsenic	10	MCL		ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL		2.00	1.90	2.40	2.40	3.70	2.10	1.40	1.40
	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		1.80	1.80	1.70	1.60	1.70	1.80	0.940	0.930
	Mercury	2	MCL		ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL		ND	ND	ND	ND	ND	ND	ND	ND
Thallium	2	MCL		ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	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
	Naphthalene	17	EAL		ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	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
	1,2,4-Trichlorobenzene	70	MCL		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:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	
				D2-HYD0079	D2-HYD0498	D2-HYD1599		D2-HYD1610	D2-HYD236	D2-HYD321	
				Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant	
				FH:519	FH:509	FH:429		FH:074	FH:236 (Possibly HYD263, HYD-2154)	FH:321	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				D2-DL-0017714-22342	D2-DL-0017715-22342	D2-DL-0000574-22342	D2-DL-0000574-22342	D2-DL-0000583-22342	D2-DL-0017711-22342	D2-DL-0017709-22342	D2-DL-0017709-22342
				-N	-N	-3-N	-N	-N	-N	-3-N	-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	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	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results  
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		Location ID:	D2-HYD0079	D2-HYD0498	D2-HYD1599		D2-HYD1610	D2-HYD236	D2-HYD321		
		Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant		
		Address:	FH:519	FH:509	FH:429		FH:074	FH:236 (Possibly HYD263, HYD-2154)	FH:321		
		Field Sample ID:	D2-DL-0017714-22342 -N	D2-DL-0017715-22342 -N	D2-DL-0000574-22342 -3-N	D2-DL-0000574-22342 -N	D2-DL-0000583-22342 -N	D2-DL-0017711-22342 -N	D2-DL-0017709-22342 -3-N	D2-DL-0017709-22342 -N	
		Sample Date:	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	2023-01-20	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.280	0.280	ND	ND	0.800	0.760
	Bromoform	--	--	0.380	ND	1.70	1.60	0.500	0.650	5.50	5.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.570	0.560
	Dibromochloromethane	--	--	ND	ND	0.910	0.940	ND	0.490	1.60	1.50
	Total Trihalomethanes	80	MCL	0.380	ND	2.89	2.82	0.500	1.14	8.47	8.02

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		Location ID:	D2-HYD365	D2-HYD420	D2-HYD56	D2-HYD79		D2-HYD84	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant	
		Address:	FH:365	FH:420	FH:056	FH:079		FH:084	
		Field Sample ID:	D2-DL-0017717-22342 -N	D2-DL-0017707-22342 -N	D2-DL-0017708-22342 -N	D2-DL-0017712-22342 -3-N	D2-DL-0017712-22342 -N	D2-DL-0017713-22342 -N	
		Sample Date:	2023-01-23	2023-01-23	2023-01-23	2023-02-15	2023-02-15	2023-02-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	120	420	500	70.0	70.0	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.70	1.90	1.90	4.40	1.90	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.20	1.40	1.40	1.40	1.50	1.40
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	0.440	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND

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		Location ID:	D2-HYD365	D2-HYD420	D2-HYD56	D2-HYD79		D2-HYD84
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant		Hydrant
		Address:	FH:365	FH:420	FH:056	FH:079		FH:084
		Field Sample ID:	D2-DL-0017717-22342 -N	D2-DL-0017707-22342 -N	D2-DL-0017708-22342 -N	D2-DL-0017712-22342 -3-N	D2-DL-0017712-22342 -N	D2-DL-0017713-22342 -N
		Sample Date:	2023-01-23	2023-01-23	2023-01-23	2023-02-15	2023-02-15	2023-02-15
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	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	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
Chloroacetic acid		--	--	ND	ND	ND	ND	ND
Dibromoacetic acid		--	--	0.630	ND	ND	1.60	1.70
Dichloroacetic acid		--	--	ND	ND	ND	ND	ND
Trichloroacetic acid		--	--	ND	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	0.630	ND	ND	1.60	1.70

Summary of Chemistry Results  
 Zone D2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Fire Hydrants in Zone D2

<b>Notes:</b>
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-HYD365	D2-HYD420	D2-HYD56	D2-HYD79		D2-HYD84
				Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
				Address:	FH:365	FH:420	FH:056	FH:079		FH:084
				Field Sample ID:	D2-DL-0017717-22342 -N	D2-DL-0017707-22342 -N	D2-DL-0017708-22342 -N	D2-DL-0017712-22342 -3-N	D2-DL-0017712-22342 -N	D2-DL-0017713-22342 -N
				Sample Date:	2023-01-23	2023-01-23	2023-01-23	2023-02-15	2023-02-15	2023-02-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	0.480	0.550	ND
	Bromoform	--	--	6.10	0.480	0.330	9.40	9.40	9.40	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.960	0.250	ND	2.20	2.20	2.20	ND
	Total Trihalomethanes	80	MCL	7.06	0.730	0.330	12.1	12.2	12.2	ND