

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 - April 2023 from Residences in Zone D2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - 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

				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	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	ND
	Arsenic	10	MCL	ND	ND	ND	0.590	ND	ND
	Barium	2000	MCL	2.10	1.90	1.90	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	0.0580	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.70	1.70	1.70	1.70
	Copper	1300	MCL	385	10.5	9.30	11.9	11.8	11.8
	Lead	15	MCL	59.0 §	0.130	ND	ND	ND	ND
	Mercury	2	MCL	ND	--	--	--	--	--
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	0.0540	ND	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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				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						
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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				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						
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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				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
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				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									
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:	D2-10TH0201	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							
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	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	81.2	71.7	53.0	ND	69.9	91.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	62.9	ND	ND	55.7	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	62.9	ND	81.2	127	53.0	ND	69.9	91.0
Metals (ppb)	Antimony	6	MCL	0.370	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	1.90	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	1.70	1.50	2.10	1.70	1.60	1.60	1.20	1.30
	Copper	1300	MCL	31.4	40.4	53.4	10.1	7.00	43.3	14.5	11.8
	Lead	15	MCL	ND	0.170	0.340	0.390	0.270	0.270	ND	0.140
	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	0.0170	ND	0.0120	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:	D2-13TH212D	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	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

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

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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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				Location ID:	D2-17TH0207	D2-17TH0212		D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123
				Location Type:	Residence	Residence		Residence	Residence	Residence		Residence
				Address:	207 17th Street	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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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				Location ID:	D2-17TH0207	D2-17TH0212		D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123
				Location Type:	Residence	Residence		Residence	Residence	Residence		Residence
				Address:	207 17th Street	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)
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	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
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Drinking Water Samples collected in January - April 2023 from Residences in Zone D2

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		Location ID:	D2-17TH0207	D2-17TH0212			D2-18TH0106	D2-18TH0110	D2-18TH0112		D2-18TH0123
		Location Type:	Residence	Residence			Residence	Residence	Residence		Residence
		Address:	207 17th Street	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.4	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	57.0	ND	ND	56.2	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	53.4	ND	57.0	ND	ND	56.2	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	0.160	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	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	ND
	Cadmium	5	MCL	ND	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	ND	0.220
	Mercury	2	MCL	ND	0.0340	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	0.0160	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Location ID:	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	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

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

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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	
		Location Type:		Residence		Residence		Residence	Residence	Residence	Residence	
		Address:		116 20th Street		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	2023-01-23
		Sample Type:		N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	62.3	59.6	ND	61.0	ND	53.8	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	62.3	59.6	ND	61.0	ND	53.8	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.100	ND	ND	ND	ND
	Arsenic	10	MCL	ND	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	1.80	1.80
	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	1.50	1.70	1.70	1.40	1.70	1.50	1.50	1.50	1.60
	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	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	0.0120	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	0.440
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Zone D2 Long Term Monitoring
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				Location ID:	D2-20TH0116		D2-20TH0133		D2-20TH0158	D2-21ST0114	D2-21ST0124	D2-2ND0111	
				Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	
				Address:	116 20th Street		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)
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	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Zone D2 Long Term Monitoring
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				Location ID:	D2-20TH0116		D2-20TH0133		D2-20TH0158		D2-21ST0114		D2-21ST0124		D2-2ND0111	
				Location Type:	Residence		Residence		Residence		Residence		Residence		Residence	
				Address:	116 20th Street		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	
				Sample Type:	N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)	
				DOH Project Screening Level	Basis of Project Screening Level											
Method Group	Analyte															
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.360	ND	0.270	ND	ND	ND	0.510	ND	0.320	ND	0.290		
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.360	ND	0.270	ND	ND	ND	0.510	ND	0.320	ND	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	460
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	66.9	ND	ND	52.1	ND	76.7	66.6
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	52.0	ND	63.3	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	66.9	ND	ND	104	ND	140	66.6
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.130	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.80	1.80	1.90	2.10	1.80	2.00	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	1.70	1.40	2.10	1.80	1.50	1.80	1.50
	Copper	1300	MCL	102	51.1	28.2	15.7	4.90	55.3	20.7	46.7
	Lead	15	MCL	0.370	0.180	0.180	ND	ND	0.230	ND	0.310
	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:	D2-2ND0133	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
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	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.320	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.710	0.370	1.50	0.390	ND	0.440	0.270	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.250	ND	1.20	ND	ND	0.260	0.260	ND	ND
	Total Trihalomethanes	80	MCL	0.960	0.370	3.02	0.390	ND	0.700	0.530	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 - April 2023 from Residences in Zone D2

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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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	56.7	ND	76.1	62.1	69.4	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	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	ND
	Petroleum Hydrocarbons, Total	266	ISP	64.1	56.7	59.3	134	115	69.4	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	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	ND
	Cadmium	5	MCL	ND	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	ND
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

Summary of Chemistry Results
Zone D2 Long Term Monitoring
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Drinking Water Samples collected in January - April 2023 from Residences in Zone D2

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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	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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Zone D2 Long Term Monitoring
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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	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	--	--	0.760	0.400	0.320	0.450	0.510	ND	ND	ND	0.360
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.350	0.250	0.270	0.350	0.410	ND	ND	ND	0.300
	Total Trihalomethanes	80	MCL	1.11	0.650	0.590	0.800	0.920	ND	ND	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
		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							
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
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
				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)
		DOH Project Screening Level	Basis of Project Screening Level									
Method Group	Analyte											
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	--	--	0.380	0.280	0.280	ND	0.760	ND	0.280	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	ND	ND	ND	0.380	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.650	0.280	0.280	ND	1.14	ND	0.280	ND	ND

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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
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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
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:	D2-9TH0212	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							
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	0.670
	Bromoform	--	--	1.90	ND	ND	ND	0.310	0.280	3.60
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.590	ND	ND	ND	ND	ND	1.70
	Total Trihalomethanes	80	MCL	2.49	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	
		Sample Date:		2023-02-24		2023-01-31		2023-01-31		2023-01-23		2023-01-30		2023-01-30	
		Sample Type:		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level												
Field Test (ppb)	Free Chlorine	4000	MCL	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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				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									
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-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							
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	--	--	0.340	ND	ND	0.340	0.270	ND	0.350
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.300	ND	ND	0.250
	Total Trihalomethanes	80	MCL	0.340	ND	ND	0.640	0.270	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									
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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.2	ND	ND	64.5	ND	57.5	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	56.2	ND	ND	64.5	ND	57.5	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	1.90	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	ND
	Cadmium	5	MCL	ND	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	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	0.0670	ND	ND	ND	ND	ND	ND	0.0900		
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND		0.0170
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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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									
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
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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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		Location ID:		D2-CHAL2404B	D2-CHAL2406D		D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B
		Location Type:		Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:		2404B Challenger Loop	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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)	Thallium	2	MCL	ND	0.0650	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	0.0140	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-CHAL2404B		D2-CHAL2406D		D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B
				Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	Residence
				Address:	2404B Challenger Loop		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	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Zone D2 Long Term Monitoring
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		Location ID:	D2-CHAL2404B	D2-CHAL2406D			D2-CHAL2415C	D2-CHAL2418B	D2-CHAL2422B	D2-CHAL2425D	D2-CHAL2426B
		Location Type:	Residence	Residence			Residence	Residence	Residence	Residence	Residence
		Address:	2404B Challenger Loop	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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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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		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								
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:	2426B Challenger Loop		1205 Cornet Avenue	1217 Cornet Avenue	1223 Cornet Avenue	1207 Fox Boulevard	1601 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
				Sample Date:	2023-04-10	2023-02-23	2023-02-23	2023-04-10	2023-02-24	2023-01-23	2023-02-23
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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-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

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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									
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	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	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	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	ND
	Arsenic	10	MCL	ND	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	ND
	Cadmium	5	MCL	ND	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	ND
Thallium	2	MCL	ND	0.0730	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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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							
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
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:	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							
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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		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							
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
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
		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)
		DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte									
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	0.430	ND
	Bromoform	--	--	ND	0.430	0.540	ND	ND	27.8	0.250
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.260	ND	ND	2.10	ND
	Total Trihalomethanes	80	MCL	ND	0.430	0.800	ND	ND	30.3	0.250

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									
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	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	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	53.9	ND	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	ND
	Arsenic	10	MCL	ND	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	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	2.10	1.60	1.50	1.80	1.80	1.70	1.60	1.70	1.70
	Copper	1300	MCL	90.0	7.70	11.8	9.80	10.7	9.90	16.2	14.8	14.8
	Lead	15	MCL	0.850	11.9	0.130	0.260	0.210	5.40	0.190	0.310	0.310
	Mercury	2	MCL	ND	ND	ND	ND	0.0270	ND	ND	0.0340	0.0340
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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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
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:	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)
		DOH Project Screening Level	Basis of Project Screening Level									
Method Group	Analyte											
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	--	--	0.580	ND	0.410	0.620	ND	0.370	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.550	ND	ND	ND	ND	0.250
	Total Trihalomethanes	80	MCL	0.580	ND	0.410	1.17	ND	0.370	ND	ND	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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		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								
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:	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							
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	ND	0.290	0.700	ND	ND	0.340
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.560	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.290	1.26	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									
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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	58.5	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	59.6	ND	ND	77.8	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	59.6	ND	58.5	77.8	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.140	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	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	ND
	Cadmium	5	MCL	ND	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	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	ND	0.0690	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	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	0.0110	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	0.590	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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

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

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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
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									
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	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	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	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	ND
	Barium	2000	MCL	1.80	2.00	1.90	1.90	1.90	2.00	1.90	1.90	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	1.70	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	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	2	MCL	ND	0.0820	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
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

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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							
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
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:	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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						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											
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	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.0	ND	ND	ND	83.7	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	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	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	2.00	2.10	1.90	1.90	1.90	1.90	1.80	1.90	1.80	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	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	ND	ND
	Selenium	50	MCL	ND	ND	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	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0150	ND	ND	ND	ND	ND	ND	ND	0.0150
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	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	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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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									
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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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

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

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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							
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	--	--	0.360	ND	0.250	ND	ND	ND	1.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	ND	ND	ND	ND	ND	0.590
	Total Trihalomethanes	80	MCL	0.660	ND	0.250	ND	ND	ND	1.79

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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									
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

Summary of Chemistry Results
Zone D2 Long Term Monitoring
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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									
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

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

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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									
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	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	66.2	52.3	ND	56.9	ND	ND	61.6	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	66.2	52.3	ND	56.9	ND	ND	61.6	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120	ND	ND	0.100	ND	ND
	Arsenic	10	MCL	ND	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	ND
	Cadmium	5	MCL	ND	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	ND
	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	0.0520	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	0.440	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Location 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									
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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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-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							
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	0.270	0.390	ND	ND
	Bromoform	--	--	1.20	ND	0.550	0.580	0.890	0.290	0.330
	Chloroform	--	--	ND	ND	ND	ND	0.260	ND	ND
	Dibromochloromethane	--	--	0.510	ND	0.340	0.600	0.920	ND	0.260
	Total Trihalomethanes	80	MCL	1.71	ND	0.890	1.45	2.46	0.290	0.590

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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
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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	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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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							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	ND	0.380	ND	ND	ND	ND
	Bromoform	--	--	1.20	ND	1.00	ND	0.310	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.690	ND	1.10	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.15	ND	2.48	ND	0.310	ND	ND

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		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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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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				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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	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
Haloacetic Acids (ppb)	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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 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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	0.260	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	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 - April 2023 from Schools in Zone D2

Notes:
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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	
	Thallium	2	MCL	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	0.0160	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	0.410	ND	0.540	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	

Summary of Chemistry Results
Zone D2 Long Term Monitoring
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Drinking Water Samples collected in January - April 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 - April 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 - April 2023 from Child Development Centers in Zone D2

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§ - 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					
			Location ID:	D2-BLDG623H	
			Location Type:	Child Development Center	
			Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER	
			Field Sample ID:	D2-TW-0015492-22342-N-1	D2-TW-0015492-22342-N-2
			Sample Date:	2023-01-31	2023-01-31
			Sample Type:	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
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 - April 2023 from Child Development Centers in Zone D2

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

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N (Normal) = Full compliance sample					
FD (Field Duplicate) = Extra sample taken for quality control					
N (Grab, Resample) = Additional follow-up sample					
				Location ID:	D2-BLDG623H
				Location Type:	Child Development Center
				Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER
				Field Sample ID:	D2-TW-0015492-22342-N-1 D2-TW-0015492-22342-N-2
				Sample Date:	2023-01-31 2023-01-31
				Sample Type:	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 - April 2023 from Other Buildings in Zone D2

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				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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
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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		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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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
	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

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 - April 2023 from Other Buildings in Zone D2

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		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)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	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
	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	3.50
	Bromoform	--	--	1.70	0.260	0.510	0.350	ND	2.00	0.880
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	2.50
	Dibromochloromethane	--	--	0.450	ND	ND	0.250	ND	0.360	0.460
	Total Trihalomethanes	80	MCL	2.15	0.260	0.510	0.600	ND	2.36	1.34

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 - April 2023 from Other Buildings in Zone D2

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All Results shown in Parts per Billion (ppb)				
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-- = No Information Available				
N (Normal) = Full compliance sample				
FD (Field Duplicate) = Extra sample taken for quality control				
N (Grab, Resample) = Additional follow-up sample				
			Location ID:	D2-BLDG940H
			Location Type:	Non-Residence
			Address:	Building 940H,NGIS - NAVY TDY
			Field Sample ID:	D2-TW-0015538-22342-N
			Sample Date:	2023-04-19
			Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
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

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 - April 2023 from Other Buildings in Zone D2

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		Location ID:	D2-BLDG940H	
		Location Type:	Non-Residence	
		Address:	Building 940H,NGIS - NAVY TDY	
		Field Sample ID:	D2-TW-0015538-22342-N	
		Sample Date:	2023-04-19	
		Sample Type:	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

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 - April 2023 from Other Buildings in Zone D2

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N (Grab, Resample) = Additional follow-up sample				
			Location ID:	D2-BLDG940H
			Location Type:	Non-Residence
			Address:	Building 940H,NGIS - NAVY TDY
			Field Sample ID:	D2-TW-0015538-22342-N
			Sample Date:	2023-04-19
			Sample Type:	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
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

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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									
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	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	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
Zone D2 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

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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									
Volatile Organic Compounds (ppb)	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
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Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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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	ND
	Total Haloacetic acids	60	MCL	ND	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	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
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	0.630	ND	ND	1.60	1.70	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	0.630	ND	ND	1.60	1.70	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 - April 2023 from Fire Hydrants in Zone D2

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - 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

				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)
		DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte									
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.480	0.550	ND	
	Bromoform	--	--	6.10	0.480	0.330	9.40	9.40	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.960	0.250	ND	2.20	2.20	ND	
	Total Trihalomethanes	80	MCL	7.06	0.730	0.330	12.1	12.2	ND	