

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Residences in Zone D3

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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		Location ID:	D3-AUPA0081	D3-AUPA0139		D3-HALE0144	D3-HALE0146	D3-HALE0148	D3-HALE0149	D3-HALE0151	
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	81 Aupaka Street	139 Aupaka Street		144 Halena Court	146 Halena Court	148 Halena Court	149 Halena Place	151 Halena Place	
		Field Sample ID:	D3-TW-0009643-22347-N	D3-TW-0009658-22347-3-N	D3-TW-0009658-22347-N	D3-TW-0009663-22347-N	D3-TW-0009665-22347-N	D3-TW-0009667-22347-N	D3-TW-0009668-22347-N	D3-TW-0009670-22347-N	
		Sample Date:	2023-02-27	2023-02-24	2023-02-24	2023-02-01	2023-02-02	2023-04-18	2023-02-24	2023-02-24	
		Sample Type:	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	440	420	420	310	240	440	280	150
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	79.5	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	74.9	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	74.9	79.5	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	1.90	1.90	1.80	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	1.70	1.30	1.30	1.60	1.60	1.50	1.30	1.40
	Copper	1300	MCL	35.7	52.4	42.8	34.1	24.8	61.6	64.3	43.9
	Lead	15	MCL	ND	0.160	0.390	ND	ND	0.230	0.170	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0590	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	0.0180	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	0.630	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-AUPA0139		D3-HALE0144	D3-HALE0146	D3-HALE0148	D3-HALE0149	D3-HALE0151	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	139 Aupaka Street		144 Halena Court	146 Halena Court	148 Halena Court	149 Halena Place	151 Halena Place	
				Field Sample ID:	D3-TW-0009643-22347-N	D3-TW-0009658-22347-3-N	D3-TW-0009658-22347-N	D3-TW-0009663-22347-N	D3-TW-0009665-22347-N	D3-TW-0009667-22347-N	D3-TW-0009668-22347-N	D3-TW-0009670-22347-N
				Sample Date:	2023-02-27	2023-02-24	2023-02-24	2023-02-01	2023-02-02	2023-04-18	2023-02-24	2023-02-24
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)					
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:	81 Aupaka Street	139 Aupaka Street		144 Halena Court	146 Halena Court	148 Halena Court	149 Halena Place	151 Halena Place
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		Sample Date:	2023-02-27	2023-02-24	2023-02-24	2023-02-01	2023-02-02	2023-04-18	2023-02-24	2023-02-24
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.470	ND	0.420	ND	ND	0.280	0.400
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.350	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.820	ND	0.420	ND	ND	0.280	0.400

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		Location ID:	D3-HALE1003		D3-HONO0136		D3-HONO0148	D3-HONO0191	D3-ILIM0096	D3-ILIM0125	
		Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	
		Address:	1003 Halehaka Street		136 Honohono Street		148 Honohono Street	191 Honohono Street	96 Ilima Street	125 Ilima Street	
		Field Sample ID:	D3-TW-0009673-22347-3-N	D3-TW-0009673-22347-N	D3-TW-0009687-22347-3-N	D3-TW-0009687-22347-N	D3-TW-0009696-22347-N	D3-TW-0009702-22347-N	D3-TW-0009704-22347-N	D3-TW-0009717-22347-N	
		Sample Date:	2023-04-25	2023-04-25	2023-02-24	2023-02-24	2023-03-01	2023-02-27	2023-04-26	2023-04-18	
		Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-HALE1003		D3-HONO0136		D3-HONO0148	D3-HONO0191	D3-ILIM0096	D3-ILIM0125
Field Test (ppb)	Free Chlorine	4000	MCL	490	490	470	470	560	360	390	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	62.9	ND	77.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	62.9	ND	77.7
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.90	1.80	1.90	1.90	1.90	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.30	1.40	1.50	1.60	1.90	1.40
	Copper	1300	MCL	12.6	12.6	6.20	8.60	9.60	58.0	52.6	5.60
	Lead	15	MCL	0.220	0.190	0.180	0.220	0.130	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0320
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	0.0140	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	0.420	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-HALE1003		Location ID: D3-HONO0136		Location ID: D3-HONO0148	Location ID: D3-HONO0191	Location ID: D3-ILIM0096	Location ID: D3-ILIM0125														
				Location Type: Residence	Address: 1003 Halehaka Street	Field Sample ID: D3-TW-0009673-22347-3-N	Sample Date: 2023-04-25	Sample Type: FD (Field Duplicate)	Field Sample ID: D3-TW-0009673-22347-N	Sample Date: 2023-04-25	Sample Type: N (Normal)	Field Sample ID: D3-TW-0009687-22347-3-N	Sample Date: 2023-02-24	Sample Type: FD (Field Duplicate)	Field Sample ID: D3-TW-0009687-22347-N	Sample Date: 2023-02-24	Sample Type: N (Normal)	Field Sample ID: D3-TW-0009696-22347-N	Sample Date: 2023-03-01	Sample Type: N (Normal)	Field Sample ID: D3-TW-0009702-22347-N	Sample Date: 2023-02-27	Sample Type: N (Normal)	Field Sample ID: D3-TW-0009704-22347-N	Sample Date: 2023-04-26
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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				Residence		Residence		Residence	Residence	Residence	Residence
				Address: 1003 Halehaka Street		Address: 136 Honohono Street		Address: 148 Honohono Street	Address: 191 Honohono Street	Address: 96 Ilima Street	Address: 125 Ilima Street
				Field Sample ID: D3-TW-0009673-22347-3-N	Field Sample ID: D3-TW-0009673-22347-N	Field Sample ID: D3-TW-0009687-22347-3-N	Field Sample ID: D3-TW-0009687-22347-N	Field Sample ID: D3-TW-0009696-22347-N	Field Sample ID: D3-TW-0009702-22347-N	Field Sample ID: D3-TW-0009704-22347-N	Field Sample ID: D3-TW-0009717-22347-N
				Sample Date: 2023-04-25	Sample Date: 2023-04-25	Sample Date: 2023-02-24	Sample Date: 2023-02-24	Sample Date: 2023-03-01	Sample Date: 2023-02-27	Sample Date: 2023-04-26	Sample Date: 2023-04-18
				Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)				
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.370	0.530	ND	ND	0.300	0.560	ND	0.290
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.320	ND	ND	0.290	0.320	ND	ND
	Total Trihalomethanes	80	MCL	0.370	0.850	ND	ND	0.590	0.880	ND	0.290

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		Location ID:	D3-ILIM0127	D3-KIKA0724	D3-KIKA0726	D3-KIKA0744	D3-KOKI0074	D3-KOKO0112	D3-KOKO0115	D3-KOKO0124	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	127 Ilima Street	724 Kikanai Loop	726 Kikanai Loop	744 Kikanai Loop	74 Kokio Lane	112 Kokomalei Street	115 Kokomalei Street	124 Kokomalei Street	
		Field Sample ID:	D3-TW-0009718-22347-N	D3-TW-0009736-22347-N	D3-TW-0009737-22347-N	D3-TW-0009744-22347-N	D3-TW-0009756-22347-N	D3-TW-0009772-22347-N	D3-TW-0009775-22347-N	D3-TW-0009782-22347-N	
		Sample Date:	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-04-18	2023-03-03	2023-02-27	
		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	480	510	460	460	140	440	370	200
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	0.130	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	1.90	2.00	2.10	2.00	1.90	1.90	1.80	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.70	1.70	1.50	1.40	1.60	1.70	1.50	1.50
	Copper	1300	MCL	18.7	9.10	9.80	8.00	95.7	17.8	54.3	168
	Lead	15	MCL	0.350	0.240	0.160	0.180	0.230	ND	0.150	0.730
	Mercury	2	MCL	ND	ND	ND	0.0380	0.0370	ND	ND	ND
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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 Zone D3 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:							
				D3-ILIM0127	D3-KIKA0724	D3-KIKA0726	D3-KIKA0744	D3-KOKI0074	D3-KOKO0112	D3-KOKO0115	D3-KOKO0124
				Location Type:							
				Address:							
				Field Sample ID:							
				Sample Date:							
				Sample Type:							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND						
	1,2-Dichlorobenzene	600	MCL	ND	ND						
	1,2-Dichloroethane	5	MCL	ND	ND						
	1,2-Dichloroethene (Total)	70	MCL	ND	ND						
	1,2-Dichloropropane	5	MCL	ND	ND						
	1,4-Dichlorobenzene	75	MCL	ND	ND						
	Benzene	5	MCL	ND	ND						
	Carbon Tetrachloride	5	MCL	ND	ND						
	Chlorobenzene	100	MCL	ND	ND						
	cis-1,2-Dichloroethene	70	MCL	ND	ND						
	Ethylbenzene	700	MCL	ND	ND						
	m,p-Xylene	--	--	ND	ND						
	Methylene chloride	5	MCL	ND	ND						
	o-Xylene	--	--	ND	ND						
	Styrene	100	MCL	ND	ND						
	Tetrachloroethene (PCE)	5	MCL	ND	ND						
	Toluene	1000	MCL	ND	ND						
	trans-1,2-Dichloroethene	100	MCL	ND	ND						
	Trichloroethene (TCE)	5	MCL	ND	ND						
	Vinyl chloride	2	MCL	ND	ND						
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND						
	Chloroacetic acid	--	--	ND	ND						
	Dibromoacetic acid	--	--	ND	ND	ND	ND	2.60	ND	ND	0.840
	Dichloroacetic acid	--	--	ND	ND						

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		Location ID:	D3-ILIM0127	D3-KIKA0724	D3-KIKA0726	D3-KIKA0744	D3-KOKI0074	D3-KOKO0112	D3-KOKO0115	D3-KOKO0124
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	127 Ilima Street	724 Kikanai Loop	726 Kikanai Loop	744 Kikanai Loop	74 Kokio Lane	112 Kokomalei Street	115 Kokomalei Street	124 Kokomalei Street
		Field Sample ID:	D3-TW-0009718-22347-N	D3-TW-0009736-22347-N	D3-TW-0009737-22347-N	D3-TW-0009744-22347-N	D3-TW-0009756-22347-N	D3-TW-0009772-22347-N	D3-TW-0009775-22347-N	D3-TW-0009782-22347-N
		Sample Date:	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-04-18	2023-03-03	2023-02-27
		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						
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	2.60	ND	0.840
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.350	1.50	ND	0.560
	Bromoform	--	--	ND	0.360	0.410	0.870	6.30	0.260	0.580
	Chloroform	--	--	ND	ND	ND	ND	0.890	ND	0.290
	Dibromochloromethane	--	--	ND	0.250	0.270	0.900	4.10	ND	0.490
	Total Trihalomethanes	80	MCL	ND	0.610	0.680	2.12	12.8	0.260	1.07

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		Location ID:	D3-KOKO0128		D3-KOKO0153		D3-KOPI0117	D3-KOPI0122	D3-KOPI0137	D3-LEHU0301	
		Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	
		Address:	128 Kokomalei Street		153 Kokomalei Street		117 Kopiko Street	122 Kopiko Street	137 Kopiko Street	301 Lehua Lane	
		Field Sample ID:	D3-TW-0009786-22347-3-N	D3-TW-0009786-22347-N	D3-TW-0009800-22347-3-N	D3-TW-0009800-22347-N	D3-TW-0009817-22347-N	D3-TW-0009821-22347-N	D3-TW-0009828-22347-N	D3-TW-0009829-22347-N	
		Sample Date:	2023-02-27	2023-02-27	2023-04-25	2023-04-25	2023-04-25	2023-04-25	2023-03-03	2023-04-18	
		Sample Type:	FD (Field Duplicate)	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	580	580	590	590	230	310	190	530
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	58.8	ND	ND	ND	60.0	71.3	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	58.8	ND	ND	ND	60.0	71.3	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	1.70	2.00	1.90	1.80	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	0.240	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.50	1.60	1.60	1.50	1.70	1.70	1.50
	Copper	1300	MCL	65.6	67.3	76.7	81.6	36.5	89.0	96.5	10.1
	Lead	15	MCL	ND	0.160	0.210	0.400	ND	ND	0.190	0.370
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0260	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	0.0160	ND	0.0140	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-KOKO0128		Location ID: D3-KOKO0153		Location ID: D3-KOPI0117	Location ID: D3-KOPI0122	Location ID: D3-KOPI0137	Location ID: D3-LEHU0301
				Location Type: Residence		Location Type: Residence		Location Type: Residence	Location Type: Residence	Location Type: Residence	Location Type: Residence
				Address: 128 Kokomalei Street		Address: 153 Kokomalei Street		Address: 117 Kopiko Street	Address: 122 Kopiko Street	Address: 137 Kopiko Street	Address: 301 Lehua Lane
				Field Sample ID: D3-TW-0009786-22347-3-N	Field Sample ID: D3-TW-0009786-22347-N	Field Sample ID: D3-TW-0009800-22347-3-N	Field Sample ID: D3-TW-0009800-22347-N	Field Sample ID: D3-TW-0009817-22347-N	Field Sample ID: D3-TW-0009821-22347-N	Field Sample ID: D3-TW-0009828-22347-N	Field Sample ID: D3-TW-0009829-22347-N
				Sample Date: 2023-02-27	Sample Date: 2023-02-27	Sample Date: 2023-04-25	Sample Date: 2023-04-25	Sample Date: 2023-04-25	Sample Date: 2023-04-25	Sample Date: 2023-03-03	Sample Date: 2023-04-18
				Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)				
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence
				D3-TW-0009786-22347-3-N	D3-TW-0009786-22347-N	D3-TW-0009800-22347-3-N	D3-TW-0009800-22347-N	D3-TW-0009817-22347-N	D3-TW-0009821-22347-N	D3-TW-0009828-22347-N	D3-TW-0009829-22347-N
				2023-02-27	2023-02-27	2023-04-25	2023-04-25	2023-04-25	2023-04-25	2023-03-03	2023-04-18
				FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)				
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	0.850	ND
	Bromoform	--	--	0.700	0.690	ND	0.320	0.500	0.410	3.50	0.360
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.820	ND
	Dibromochloromethane	--	--	0.520	0.450	ND	ND	0.390	ND	2.00	ND
	Total Trihalomethanes	80	MCL	1.22	1.14	ND	0.320	0.890	0.410	7.17	0.360

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		Location ID:	D3-LILI0115	D3-LILI0147	D3-MELI0222	D3-MELI0224		D3-MELI0236		D3-MELI0244	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	115 Liliwai Street	147 Liliwai Street	222 Melia Street	224 Melia Street		236 Melia Street		244 Melia Street	
		Field Sample ID:	D3-TW-0011204-22347-N	D3-TW-0011217-22347-N	D3-TW-0011267-22347-N	D3-TW-0011269-22347-3-N	D3-TW-0011269-22347-N	D3-TW-0011279-22347-3-N	D3-TW-0011279-22347-N	D3-TW-0011285-22347-N	
		Sample Date:	2023-03-03	2023-03-03	2023-03-01	2023-03-01	2023-03-01	2023-02-27	2023-02-27	2023-03-01	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	250	430	490	510	510	490	490	540
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.4	ND	ND	ND	ND	ND	59.5	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	53.4	ND	ND	ND	ND	ND	59.5	ND
Metals (ppb)	Antimony	6	MCL	0.120	ND	ND	0.140	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.10	1.90	2.10	2.00	1.90	2.00	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.40	1.60	1.60	1.70	1.60	1.50	1.70
	Copper	1300	MCL	101	60.5	8.10	9.70	11.1	5.90	6.80	13.1
	Lead	15	MCL	1.10	0.430	0.160	0.200	0.170	0.240	0.310	0.250
	Mercury	2	MCL	ND	0.0310	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	0.0700	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:		Location ID:		Location ID:
				D3-LILI0115	D3-LILI0147	D3-MELI0222	D3-MELI0224		D3-MELI0236		D3-MELI0244
				Residence	Residence	Residence	Residence		Residence		Residence
				115 Liliwai Street	147 Liliwai Street	222 Melia Street	224 Melia Street		236 Melia Street		244 Melia Street
				D3-TW-0011204-22347-N	D3-TW-0011217-22347-N	D3-TW-0011267-22347-N	D3-TW-0011269-22347-3-N	D3-TW-0011269-22347-N	D3-TW-0011279-22347-3-N	D3-TW-0011279-22347-N	D3-TW-0011285-22347-N
				2023-03-03	2023-03-03	2023-03-01	2023-03-01	2023-03-01	2023-02-27	2023-02-27	2023-03-01
				N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D3 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-LILI0115	D3-LILI0147	D3-MELI0222	D3-MELI0224		D3-MELI0236		D3-MELI0244
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	115 Liliwai Street	147 Liliwai Street	222 Melia Street	224 Melia Street		236 Melia Street		244 Melia Street
				Field Sample ID:	D3-TW-0011204-22347-N	D3-TW-0011217-22347-N	D3-TW-0011267-22347-N	D3-TW-0011269-22347-3-N	D3-TW-0011269-22347-N	D3-TW-0011279-22347-3-N	D3-TW-0011279-22347-N	D3-TW-0011285-22347-N
				Sample Date:	2023-03-03	2023-03-03	2023-03-01	2023-03-01	2023-03-01	2023-02-27	2023-02-27	2023-03-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	2.90	ND	ND	ND	0.360	0.330	0.320	0.510	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.680	ND	ND	ND	0.290	ND	ND	0.280	
	Total Trihalomethanes	80	MCL	3.58	ND	ND	ND	0.650	0.330	0.320	0.790	

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		Location ID:	D3-MELI0311	D3-MELI0315	D3-MELI0338	D3-MELI0354	D3-MELI0357	D3-NANU0884	D3-NANU0903	D3-NANU0948	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	311 Melia Street	315 Melia Street	338 Melia Street	354 Melia Street	357 Melia Street	884 Nanu Street	903 Nanu Street	948 Nanu Street	
		Field Sample ID:	D3-TW-0011294-22347-N	D3-TW-0011296-22347-N	D3-TW-0011301-22347-N	D3-TW-0011313-22347-N	D3-TW-0011316-22347-N	D3-TW-0011321-22347-N	D3-TW-0011331-22347-N	D3-TW-0011361-22347-N	
		Sample Date:	2023-03-01	2023-02-27	2023-02-27	2023-02-27	2023-02-27	2023-04-25	2023-02-27	2023-04-18	
		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	480	1180	420	450	730	490	520	590
Field Test (ppb)	Free Chlorine	4000	MCL	480	1180	420	450	730	490	520	590
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	200	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	63.1	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	86.1	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	149	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.140	ND
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	2.00	2.00	1.90	2.00	2.00	2.00	2.00
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.60	1.70	1.50	1.40	1.50	1.50	1.80	1.50
	Copper	1300	MCL	10.5	10.1	10.5	10.2	7.90	6.90	6.30	7.90
	Lead	15	MCL	0.440	0.220	0.230	0.200	0.200	0.170	0.200	0.260
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.0610	ND
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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		Location ID:	D3-MELI0311	D3-MELI0315	D3-MELI0338	D3-MELI0354	D3-MELI0357	D3-NANU0884	D3-NANU0903	D3-NANU0948
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	311 Melia Street	315 Melia Street	338 Melia Street	354 Melia Street	357 Melia Street	884 Nanu Street	903 Nanu Street	948 Nanu Street
		Field Sample ID:	D3-TW-0011294-22347-N	D3-TW-0011296-22347-N	D3-TW-0011301-22347-N	D3-TW-0011313-22347-N	D3-TW-0011316-22347-N	D3-TW-0011321-22347-N	D3-TW-0011331-22347-N	D3-TW-0011361-22347-N
		Sample Date:	2023-03-01	2023-02-27	2023-02-27	2023-02-27	2023-02-27	2023-04-25	2023-02-27	2023-04-18
		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						
	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	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND						
	Chloroacetic acid	--	--	ND						
	Dibromoacetic acid	--	--	ND						
	Dichloroacetic acid	--	--	ND						

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		Location ID:	D3-MELI0311	D3-MELI0315	D3-MELI0338	D3-MELI0354	D3-MELI0357	D3-NANU0884	D3-NANU0903	D3-NANU0948
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	311 Melia Street	315 Melia Street	338 Melia Street	354 Melia Street	357 Melia Street	884 Nanu Street	903 Nanu Street	948 Nanu Street
		Field Sample ID:	D3-TW-0011294-22347-N	D3-TW-0011296-22347-N	D3-TW-0011301-22347-N	D3-TW-0011313-22347-N	D3-TW-0011316-22347-N	D3-TW-0011321-22347-N	D3-TW-0011331-22347-N	D3-TW-0011361-22347-N
		Sample Date:	2023-03-01	2023-02-27	2023-02-27	2023-02-27	2023-02-27	2023-04-25	2023-02-27	2023-04-18
		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						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND						
	Bromoform	--	--	0.550	0.370	0.740	0.400	0.490	0.380	0.480
	Chloroform	--	--	ND						
	Dibromochloromethane	--	--	0.430	ND	0.520	0.270	0.310	ND	0.280
	Total Trihalomethanes	80	MCL	0.980	0.370	1.26	0.670	0.800	0.380	0.330

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		Location ID:	D3-OHAN0121	D3-OHAN0122	D3-OHAN0126	D3-OHAN0127	D3-OHAN0158		D3-OHAN0161	D3-OHAN0164	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	121 Ohana Nui Circle	122 Ohana Nui Circle	126 Ohana Nui Circle	127 Ohana Nui Circle	158 Ohana Nui Circle		161 Ohana Nui Circle	164 Ohana Nui Circle	
		Field Sample ID:	D3-TW-0011390-22347-N	D3-TW-0011391-22347-N	D3-TW-0010195-22347-N	D3-TW-0010196-22347-N	D3-TW-0010213-22347-3-N	D3-TW-0010213-22347-N	D3-TW-0010214-22347-N	D3-TW-0010217-22347-N	
		Sample Date:	2023-02-27	2023-02-02	2023-02-27	2023-02-27	2023-02-02	2023-02-02	2023-02-02	2023-02-02	
		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	270	90.0	490	480	390	390	30.0	140
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	86.8	ND	ND	ND	73.1	56.5	58.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	60.1
	Petroleum Hydrocarbons, Total	266	ISP	ND	86.8	ND	ND	ND	73.1	56.5	118
Metals (ppb)	Antimony	6	MCL	0.110	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	2.00	2.00	1.80	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	1.80	1.40	1.50	1.70	1.50	1.60	1.60	1.60
	Copper	1300	MCL	10.2	13.3	8.30	7.20	5.80	5.90	16.1	8.60
	Lead	15	MCL	0.190	0.380	0.240	0.170	0.150	0.170	0.630	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	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-OHAN0121	D3-OHAN0122	D3-OHAN0126	D3-OHAN0127	D3-OHAN0158		D3-OHAN0161	D3-OHAN0164
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	121 Ohana Nui Circle	122 Ohana Nui Circle	126 Ohana Nui Circle	127 Ohana Nui Circle	158 Ohana Nui Circle		161 Ohana Nui Circle	164 Ohana Nui Circle
				Field Sample ID:	D3-TW-0011390-22347-N	D3-TW-0011391-22347-N	D3-TW-0010195-22347-N	D3-TW-0010196-22347-N	D3-TW-0010213-22347-3-N	D3-TW-0010213-22347-N	D3-TW-0010214-22347-N	D3-TW-0010217-22347-N
				Sample Date:	2023-02-27	2023-02-02	2023-02-27	2023-02-27	2023-02-02	2023-02-02	2023-02-02	2023-02-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	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:	D3-OHAN0121	D3-OHAN0122	D3-OHAN0126	D3-OHAN0127	D3-OHAN0158		D3-OHAN0161	D3-OHAN0164
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:	121 Ohana Nui Circle	122 Ohana Nui Circle	126 Ohana Nui Circle	127 Ohana Nui Circle	158 Ohana Nui Circle		161 Ohana Nui Circle	164 Ohana Nui Circle
		Field Sample ID:	D3-TW-0011390-22347-N	D3-TW-0011391-22347-N	D3-TW-0010195-22347-N	D3-TW-0010196-22347-N	D3-TW-0010213-22347-3-N	D3-TW-0010213-22347-N	D3-TW-0010214-22347-N	D3-TW-0010217-22347-N
		Sample Date:	2023-02-27	2023-02-02	2023-02-27	2023-02-27	2023-02-02	2023-02-02	2023-02-02	2023-02-02
		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	--	--	0.590	ND	ND	ND	ND	1.10	ND
	Bromoform	--	--	1.70	0.440	0.350	0.260	ND	0.260	5.40
	Chloroform	--	--	0.330	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.50	0.360	ND	ND	ND	ND	2.40
	Total Trihalomethanes	80	MCL	4.12	0.800	0.350	0.260	ND	0.260	8.90

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		Location ID:	D3-OHAN0166		D3-OHAN0333	D3-OHAN0353	D3-OHAN0406	D3-OHAN0542	D3-OHAN0563	D3-OHAN0581	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	166 Ohana Nui Circle		333 Ohana Nui Circle	353 Ohana Nui Circle	406 Ohana Nui Circle	542 Ohana Nui Circle	563 Ohana Nui Circle	581 Ohana Nui Circle	
		Field Sample ID:	D3-TW-0010219-22347-3-N	D3-TW-0010219-22347-N	D3-TW-0010244-22347-N	D3-TW-0010252-22347-N	D3-TW-0010260-22347-N	D3-TW-0010305-22347-N	D3-TW-0009438-22347-N	D3-TW-0009442-22347-N	
		Sample Date:	2023-03-03	2023-03-03	2023-02-02	2023-04-18	2023-02-02	2023-02-02	2023-02-02	2023-02-02	
		Sample Type:	FD (Field Duplicate)	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	470	470	470	680	490	120	510	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	67.5	70.0	68.2	58.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND						
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	67.5	70.0	68.2	58.0
Metals (ppb)	Antimony	6	MCL	0.120	ND	0.110	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	2.00	2.00	1.90	1.80	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.70	1.40	1.70	1.60	1.60	1.50	1.50	1.80
	Copper	1300	MCL	11.4	12.4	12.8	48.3	9.50	7.70	9.80	8.90
	Lead	15	MCL	0.200	0.260	0.290	0.290	0.150	0.180	0.250	0.300
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-OHAN0166		Location ID: D3-OHAN0333		Location ID: D3-OHAN0353		Location ID: D3-OHAN0406		Location ID: D3-OHAN0542		Location ID: D3-OHAN0563		Location ID: D3-OHAN0581		
				Residence		Residence		Residence		Residence		Residence		Residence		Residence		
				166 Ohana Nui Circle		333 Ohana Nui Circle		353 Ohana Nui Circle		406 Ohana Nui Circle		542 Ohana Nui Circle		563 Ohana Nui Circle		581 Ohana Nui Circle		
				D3-TW-0010219-22347-3-N	D3-TW-0010219-22347-N	D3-TW-0010244-22347-N	D3-TW-0010252-22347-N	D3-TW-0010260-22347-N	D3-TW-0010305-22347-N	D3-TW-0009438-22347-N	D3-TW-0009442-22347-N							
				2023-03-03	2023-03-03	2023-02-02	2023-04-18	2023-02-02	2023-02-02	2023-02-02	2023-02-02							
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	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	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

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		Location ID:	D3-OHAN0166		D3-OHAN0333	D3-OHAN0353	D3-OHAN0406	D3-OHAN0542	D3-OHAN0563	D3-OHAN0581	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	166 Ohana Nui Circle		333 Ohana Nui Circle	353 Ohana Nui Circle	406 Ohana Nui Circle	542 Ohana Nui Circle	563 Ohana Nui Circle	581 Ohana Nui Circle	
		Field Sample ID:	D3-TW-0010219-22347-3-N	D3-TW-0010219-22347-N	D3-TW-0010244-22347-N	D3-TW-0010252-22347-N	D3-TW-0010260-22347-N	D3-TW-0010305-22347-N	D3-TW-0009438-22347-N	D3-TW-0009442-22347-N	
		Sample Date:	2023-03-03	2023-03-03	2023-02-02	2023-04-18	2023-02-02	2023-02-02	2023-02-02	2023-02-02	
		Sample Type:	FD (Field Duplicate)	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND						
	Total Haloacetic acids	60	MCL	ND	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.320	ND	ND	ND	ND	ND
	Bromoform	--	--	0.290	0.340	1.20	0.340	ND	0.440	0.530	0.310
	Chloroform	--	--	ND	ND						
	Dibromochloromethane	--	--	ND	ND	0.870	ND	ND	0.340	0.340	ND
	Total Trihalomethanes	80	MCL	0.290	0.340	2.39	0.340	ND	0.780	0.870	0.310

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		Location ID:	D3-OHAN0613	D3-OHAN0765	D3-OHAN0777	D3-OHAN0814	D3-OHAN0833	D3-OHAN0834	D3-OHAN0903	D3-OHAN0906	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	613 Ohana Nui Circle	765 Ohana Nui Circle	777 Ohana Nui Circle	814 Ohana Nui Circle	833 Ohana Nui Circle	834 Ohana Nui Circle	903 Ohana Nui Circle	906 Ohana Nui Circle	
		Field Sample ID:	D3-TW-0009448-22347-N	D3-TW-0009484-22347-N	D3-TW-0009491-22347-N	D3-TW-0009511-22347-N	D3-TW-0009526-22347-N	D3-TW-0009527-22347-N	D3-TW-0009558-22347-N	D3-TW-0009623-22347-N	
		Sample Date:	2023-02-02	2023-02-02	2023-02-24	2023-03-14	2023-02-02	2023-04-18	2023-02-02	2023-02-02	
		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	320	690	480	250	250	550	450	520
Field Test (ppb)	Free Chlorine	4000	MCL	320	690	480	250	250	550	450	520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	77.4	56.1	ND	ND	ND	ND	80.2	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	75.7	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	77.4	132	ND	ND	ND	ND	80.2	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.100	ND	ND	ND
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	1.90	2.00	2.10	1.90	2.00	1.80	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.70	1.70	1.20	1.50	1.80	1.60	1.60	2.00
	Copper	1300	MCL	7.80	6.80	19.1	10.9	8.40	9.60	8.50	7.80
	Lead	15	MCL	0.260	0.310	0.180	0.190	0.190	0.150	0.130	0.200
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.0190	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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		Location ID:	D3-OHAN0613	D3-OHAN0765	D3-OHAN0777	D3-OHAN0814	D3-OHAN0833	D3-OHAN0834	D3-OHAN0903	D3-OHAN0906
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	613 Ohana Nui Circle	765 Ohana Nui Circle	777 Ohana Nui Circle	814 Ohana Nui Circle	833 Ohana Nui Circle	834 Ohana Nui Circle	903 Ohana Nui Circle	906 Ohana Nui Circle
		Field Sample ID:	D3-TW-0009448-22347-N	D3-TW-0009484-22347-N	D3-TW-0009491-22347-N	D3-TW-0009511-22347-N	D3-TW-0009526-22347-N	D3-TW-0009527-22347-N	D3-TW-0009558-22347-N	D3-TW-0009623-22347-N
		Sample Date:	2023-02-02	2023-02-02	2023-02-24	2023-03-14	2023-02-02	2023-04-18	2023-02-02	2023-02-02
		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						
	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	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND						
	Chloroacetic acid	--	--	ND						
	Dibromoacetic acid	--	--	ND						
	Dichloroacetic acid	--	--	ND						

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	613 Ohana Nui Circle	765 Ohana Nui Circle	777 Ohana Nui Circle	814 Ohana Nui Circle	833 Ohana Nui Circle	834 Ohana Nui Circle	903 Ohana Nui Circle	906 Ohana Nui Circle
		Field Sample ID:	D3-TW-0009448-22347-N	D3-TW-0009484-22347-N	D3-TW-0009491-22347-N	D3-TW-0009511-22347-N	D3-TW-0009526-22347-N	D3-TW-0009527-22347-N	D3-TW-0009558-22347-N	D3-TW-0009623-22347-N
		Sample Date:	2023-02-02	2023-02-02	2023-02-24	2023-03-14	2023-02-02	2023-04-18	2023-02-02	2023-02-02
		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						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.430	ND	ND	ND	ND	ND	0.280
	Bromoform	--	--	2.70	0.390	0.830	ND	0.540	0.330	1.20
	Chloroform	--	--	ND						
	Dibromochloromethane	--	--	1.30	0.330	0.650	ND	0.350	ND	0.910
	Total Trihalomethanes	80	MCL	4.43	0.720	1.48	ND	0.890	0.330	2.39

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		Location ID:	D3-OHAN0911	D3-OHAN0936	D3-OHAN0938	D3-OHAN0967	D3-OHAN0984	D3-OHAN1008	D3-OHAN1043	D3-OHAN1064	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	911 Ohana Nui Circle	936 Ohana Nui Circle	938 Ohana Nui Circle	967 Ohana Nui Circle	984 Ohana Nui Circle	1008 Ohana Nui Circle	1043 Ohana Nui Circle	1064 Ohana Nui Circle	
		Field Sample ID:	D3-TW-0009626-22347-N	D3-TW-0010000-22347-N	D3-TW-0010002-22347-N	D3-TW-0010017-22347-N	D3-TW-0010030-22347-N	D3-TW-0010046-22347-N	D3-TW-0010057-22347-N	D3-TW-0009562-22347-N	
		Sample Date:	2023-02-02	2023-02-27	2023-02-02	2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01	
		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	600	570	460	560	450	480	510	390
Field Test (ppb)	Free Chlorine	4000	MCL	600	570	460	560	450	480	510	390
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	71.1	ND	60.0	ND	ND	55.0	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	82.3	61.6	52.5	ND	58.6
	Petroleum Hydrocarbons, Total	266	ISP	71.1	ND	60.0	82.3	61.6	108	ND	58.6
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	1.90	2.00	1.90	2.00	2.00	1.90	2.00	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.50	1.70	1.50	1.50	1.50	1.30	1.60	1.50
	Copper	1300	MCL	7.40	7.50	9.80	9.10	7.50	8.30	9.80	11.1
	Lead	15	MCL	0.150	0.130	0.220	1.30	0.230	0.150	0.200	0.300
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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		Location ID:	D3-OHAN0911	D3-OHAN0936	D3-OHAN0938	D3-OHAN0967	D3-OHAN0984	D3-OHAN1008	D3-OHAN1043	D3-OHAN1064
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	911 Ohana Nui Circle	936 Ohana Nui Circle	938 Ohana Nui Circle	967 Ohana Nui Circle	984 Ohana Nui Circle	1008 Ohana Nui Circle	1043 Ohana Nui Circle	1064 Ohana Nui Circle
		Field Sample ID:	D3-TW-0009626-22347-N	D3-TW-0010000-22347-N	D3-TW-0010002-22347-N	D3-TW-0010017-22347-N	D3-TW-0010030-22347-N	D3-TW-0010046-22347-N	D3-TW-0010057-22347-N	D3-TW-0009562-22347-N
		Sample Date:	2023-02-02	2023-02-27	2023-02-02	2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01
		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						
	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	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND						
	Chloroacetic acid	--	--	ND						
	Dibromoacetic acid	--	--	ND						
	Dichloroacetic acid	--	--	ND						

**Summary of Chemistry Results
Zone D3 Long Term Monitoring
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		Location ID:	D3-OHAN0911	D3-OHAN0936	D3-OHAN0938	D3-OHAN0967	D3-OHAN0984	D3-OHAN1008	D3-OHAN1043	D3-OHAN1064
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	911 Ohana Nui Circle	936 Ohana Nui Circle	938 Ohana Nui Circle	967 Ohana Nui Circle	984 Ohana Nui Circle	1008 Ohana Nui Circle	1043 Ohana Nui Circle	1064 Ohana Nui Circle
		Field Sample ID:	D3-TW-0009626-22347-N	D3-TW-0010000-22347-N	D3-TW-0010002-22347-N	D3-TW-0010017-22347-N	D3-TW-0010030-22347-N	D3-TW-0010046-22347-N	D3-TW-0010057-22347-N	D3-TW-0009562-22347-N
		Sample Date:	2023-02-02	2023-02-27	2023-02-02	2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01
		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						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.320	ND	ND	ND
	Bromoform	--	--	ND	0.370	ND	3.30	0.300	1.20	0.710
	Chloroform	--	--	ND						
	Dibromochloromethane	--	--	ND	ND	ND	1.60	ND	0.730	0.520
	Total Trihalomethanes	80	MCL	ND	0.370	ND	5.22	0.300	1.93	1.23

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		Location ID:	D3-OHAN1067		D3-OKIK0301	D3-OKIK0308	D3-OKIK0346	D3-OKIK0355	D3-PAKA0405	D3-PAKA0412	
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1067 Ohana Nui Circle		301 Okika Street	308 Okika Street	346 Okika Street	355 Okika Street	405 Pakalana Street	412 Pakalana Street	
		Field Sample ID:	D3-TW-0009565-22347-3-N	D3-TW-0009565-22347-N	D3-TW-0009567-22347-N	D3-TW-0009574-22347-N	D3-TW-0010313-22347-N	D3-TW-0010318-22347-N	D3-TW-0010324-22347-N	D3-TW-0010329-22347-N	
		Sample Date:	2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01	2023-02-01	2023-02-01	2023-02-01	
		Sample Type:	FD (Field Duplicate)	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	390	390	480	430	490	480	390	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	52.4	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	56.9	67.1	58.3	ND	ND	ND	ND	66.2
	Petroleum Hydrocarbons, Total	266	ISP	56.9	67.1	58.3	ND	52.4	ND	ND	66.2
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	1.90	1.90	2.20	2.00	1.80	1.90	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.40	1.50	1.40	1.80	1.50	1.40	1.40	1.50
	Copper	1300	MCL	6.80	7.80	7.10	7.80	5.10	8.30	10.9	7.00
	Lead	15	MCL	11.7	0.730	0.270	0.450	0.340	0.480	0.170	0.140
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-OHAN1067		D3-OKIK0301	D3-OKIK0308	D3-OKIK0346	D3-OKIK0355	D3-PAKA0405	D3-PAKA0412
				Location Type: Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address: 1067 Ohana Nui Circle		301 Okika Street	308 Okika Street	346 Okika Street	355 Okika Street	405 Pakalana Street	412 Pakalana Street
				Field Sample ID: D3-TW-0009565-22347-3-N	D3-TW-0009565-22347-N	D3-TW-0009567-22347-N	D3-TW-0009574-22347-N	D3-TW-0010313-22347-N	D3-TW-0010318-22347-N	D3-TW-0010324-22347-N	D3-TW-0010329-22347-N
				Sample Date: 2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01	2023-02-01	2023-02-01	2023-02-01
				Sample Type: FD (Field Duplicate)	N (Normal)						
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D3-OHAN1067		D3-OKIK0301	D3-OKIK0308	D3-OKIK0346	D3-OKIK0355	D3-PAKA0405	D3-PAKA0412
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1067 Ohana Nui Circle		301 Okika Street	308 Okika Street	346 Okika Street	355 Okika Street	405 Pakalana Street	412 Pakalana Street
		Field Sample ID:	D3-TW-0009565-22347-3-N	D3-TW-0009565-22347-N	D3-TW-0009567-22347-N	D3-TW-0009574-22347-N	D3-TW-0010313-22347-N	D3-TW-0010318-22347-N	D3-TW-0010324-22347-N	D3-TW-0010329-22347-N
		Sample Date:	2023-02-01	2023-02-01	2023-02-01	2023-03-01	2023-02-01	2023-02-01	2023-02-01	2023-02-01
		Sample Type:	FD (Field Duplicate)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND						
	Bromoform	--	--	ND	ND	0.330	0.720	0.710	1.10	ND
	Chloroform	--	--	ND						
	Dibromochloromethane	--	--	ND	ND	ND	0.480	0.330	0.600	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.330	1.20	1.04	1.70	ND

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		Location ID:	D3-PAKA0417	D3-PILO0181	D3-PUAK1012	D3-PUAK1028	D3-PUAK1035	D3-PUAP0217	D3-PUAP0227	D3-WELA0251	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	417 Pakalana Street	181 Pilokea Court	1012 Puakala Street	1028 Puakala Street	1035 Puakala Street	217 Puapilo Court	227 Puapilo Court	251 Wela Loop	
		Field Sample ID:	D3-TW-0010334-22347-N	D3-TW-0010350-22347-N	D3-TW-0010374-22347-N	D3-TW-0010381-22347-N	D3-TW-0010386-22347-N	D3-TW-0010603-22347-N	D3-TW-0010609-22347-N	D3-TW-0010624-22347-N	
		Sample Date:	2023-02-01	2023-02-01	2023-02-24	2023-02-01	2023-02-01	2023-02-02	2023-02-01	2023-02-01	
		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	470	440	400	370	560	660	390	90.0
Field Test (ppb)	Free Chlorine	4000	MCL	470	440	400	370	560	660	390	90.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	73.7	53.0	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)	--	--	63.7	65.4	ND	ND	68.1	86.8	63.6	73.2
	Petroleum Hydrocarbons, Total	266	ISP	63.7	65.4	ND	ND	68.1	161	117	73.2
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	1.90	1.80	1.90	ND	1.90	1.90	1.80	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.50	1.50	1.30	ND	1.60	1.40	1.40	1.50
	Copper	1300	MCL	5.90	20.5	7.60	1.80	4.80	35.9	21.6	13.6
	Lead	15	MCL	0.160	1.40	0.510	ND	ND	ND	0.490	0.220
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND						
	1-Methylnaphthalene	10	EAL	ND	ND						
	2-Methylnaphthalene	10	EAL	ND	ND						
	Benzo(a)pyrene	0.2	MCL	ND	ND						
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND						
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND						
	1,1,1-Trichloroethane	--	--	ND	ND						
	1,1,2-Trichloroethane	5	MCL	ND	ND						
	1,1-Dichloroethene	7	MCL	ND	ND						

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		Location ID:	D3-PAKA0417	D3-PILO0181	D3-PUAK1012	D3-PUAK1028	D3-PUAK1035	D3-PUAP0217	D3-PUAP0227	D3-WELA0251
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	417 Pakalana Street	181 Pilokea Court	1012 Puakala Street	1028 Puakala Street	1035 Puakala Street	217 Puapilo Court	227 Puapilo Court	251 Wela Loop
		Field Sample ID:	D3-TW-0010334-22347-N	D3-TW-0010350-22347-N	D3-TW-0010374-22347-N	D3-TW-0010381-22347-N	D3-TW-0010386-22347-N	D3-TW-0010603-22347-N	D3-TW-0010609-22347-N	D3-TW-0010624-22347-N
		Sample Date:	2023-02-01	2023-02-01	2023-02-24	2023-02-01	2023-02-01	2023-02-02	2023-02-01	2023-02-01
		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						
	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	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND						
	Chloroacetic acid	--	--	ND						
	Dibromoacetic acid	--	--	ND						
	Dichloroacetic acid	--	--	ND						

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		Location ID:	D3-PAKA0417	D3-PILO0181	D3-PUAK1012	D3-PUAK1028	D3-PUAK1035	D3-PUAP0217	D3-PUAP0227	D3-WELA0251
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	417 Pakalana Street	181 Pilokea Court	1012 Puakala Street	1028 Puakala Street	1035 Puakala Street	217 Puapilo Court	227 Puapilo Court	251 Wela Loop
		Field Sample ID:	D3-TW-0010334-22347-N	D3-TW-0010350-22347-N	D3-TW-0010374-22347-N	D3-TW-0010381-22347-N	D3-TW-0010386-22347-N	D3-TW-0010603-22347-N	D3-TW-0010609-22347-N	D3-TW-0010624-22347-N
		Sample Date:	2023-02-01	2023-02-01	2023-02-24	2023-02-01	2023-02-01	2023-02-02	2023-02-01	2023-02-01
		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						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.610	0.260	ND	ND	0.670
	Bromoform	--	--	ND	ND	2.80	1.20	ND	ND	2.40
	Chloroform	--	--	ND						
	Dibromochloromethane	--	--	ND	ND	2.10	0.650	ND	ND	1.10
	Total Trihalomethanes	80	MCL	ND	ND	5.51	2.11	ND	ND	4.17

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		Location ID:	D3-WELA0253	D3-WELA0255	D3-WELA0275	D3-WELA0284	D3-WELA0292	
		Location Type:	Residence	Residence	Residence	Residence	Residence	
		Address:	253 Wela Loop	255 Wela Loop	275 Wela Loop	284 Wela Loop	292 Wela Loop	
		Field Sample ID:	D3-TW-0010626-22347-N	D3-TW-0010628-22347-N	D3-TW-0010642-22347-N	D3-TW-0010647-22347-N	D3-TW-0010653-22347-N	
		Sample Date:	2023-02-24	2023-02-27	2023-02-24	2023-02-02	2023-02-27	
		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	540	740	360	410	300
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	53.9	ND	ND	63.1
	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	53.9	ND	ND	63.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.90	1.90	1.80	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.20	1.50	1.30	1.50	1.60
	Copper	1300	MCL	20.9	14.6	9.30	6.10	11.5
	Lead	15	MCL	0.230	0.210	0.190	ND	0.150
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND

**Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Residences in Zone D3

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
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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:	D3-WELA0253	D3-WELA0255	D3-WELA0275	D3-WELA0284	D3-WELA0292
		Location Type:	Residence	Residence	Residence	Residence	Residence
		Address:	253 Wela Loop	255 Wela Loop	275 Wela Loop	284 Wela Loop	292 Wela Loop
		Field Sample ID:	D3-TW-0010626-22347-N	D3-TW-0010628-22347-N	D3-TW-0010642-22347-N	D3-TW-0010647-22347-N	D3-TW-0010653-22347-N
		Sample Date:	2023-02-24	2023-02-27	2023-02-24	2023-02-02	2023-02-27
		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)	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.440
	Bromoform	--	--	ND	ND	0.670	2.50
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.540	1.70
	Total Trihalomethanes	80	MCL	ND	ND	1.21	4.64

**Summary of Chemistry Results
Zone D3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

Notes:
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0001					Location ID: D3-BLDG0520					
				Location Type: School					Location Type: School					
				Address: Assets School, 1 Ohana Nui Way, Building 1								Address: Chester Nimitz Elementary, 520 Main St, Building 520		
				Field Sample ID:	D3-TW-0017506-22347-N-1	D3-TW-0017506-22347-N-2	D3-TW-0017506-22347-N-3	D3-TW-0017506-22347-N-4	D3-TW-0017506-22347-N-5	D3-TW-0017507-22347-3-N-4	D3-TW-0017507-22347-N-1	D3-TW-0017507-22347-N-2		
				Sample Date:	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-06	2023-03-06	2023-03-06		
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)						
Field Test (ppb)	Free Chlorine	4000	MCL	180-370	180-370	180-370	180-370	180-370	30.0-560	30.0-560	30.0-560			
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND			
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND			
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND			
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND			
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND			
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.390	ND	ND			
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND			
	Barium	2000	MCL	2.10	2.20	2.10	2.10	2.10	2.20	2.21	2.31			
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND			
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND			
	Chromium	100	MCL	1.50	1.70	1.50	1.50	1.40	1.37	1.32	1.41			
	Copper	1300	MCL	73.0	108	38.1	24.3	14.5	165	27.5	65.2			
	Lead	15	MCL	ND	0.200	0.210	ND	ND	ND	ND	ND			
	Mercury	2	MCL	ND	0.0290	0.0440	ND	ND	ND	ND	ND			
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.921	0.857	0.938			
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 D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0001					Location ID: D3-BLDG0520			
				Location Type: School					Location Type: School			
				Address: Assets School, 1 Ohana Nui Way, Building 1					Address: Chester Nimitz Elementary, 520 Main St, Building 520			
				Field Sample ID:	D3-TW-0017506-22347-N-1	D3-TW-0017506-22347-N-2	D3-TW-0017506-22347-N-3	D3-TW-0017506-22347-N-4	D3-TW-0017506-22347-N-5	D3-TW-0017507-22347-3-N-4	D3-TW-0017507-22347-N-1	D3-TW-0017507-22347-N-2
				Sample Date:	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-06	2023-03-06	2023-03-06
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)				
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0001					Location ID: D3-BLDG0520				
				Field Sample ID	Sample Date	Sample Type	DOH Project Screening Level	Basis of Project Screening Level	Field Sample ID	Sample Date	Sample Type		
				Location Type: School					Location Type: School				
				Address: Assets School, 1 Ohana Nui Way, Building 1								Address: Chester Nimitz Elementary, 520 Main St, Building 520	
				D3-TW-0017506-22347-N-1	D3-TW-0017506-22347-N-2	D3-TW-0017506-22347-N-3	D3-TW-0017506-22347-N-4	D3-TW-0017506-22347-N-5	D3-TW-0017507-22347-3-N-4	D3-TW-0017507-22347-N-1	D3-TW-0017507-22347-N-2		
				2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-06	2023-03-06	2023-03-06		
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	0.800	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	0.800	ND	ND	ND	ND	ND	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND		
	Bromoform	--	--	0.770	0.820	0.820	0.770	0.720	1.20	0.710	1.20		
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND		
	Dibromochloromethane	--	--	0.520	0.600	0.600	0.510	0.540	0.800	0.490	0.810		
	Total Trihalomethanes	80	MCL	1.29	1.42	1.42	1.28	1.26	2.00	1.20	2.01		

**Summary of Chemistry Results
Zone D3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0520			Location ID: D3-BLDG0830				
				Location Type: School	Address: Chester Nimitz Elementary, 520 Main St, Building 520		Address: Holy Family Catholic Academy, 830 Main St, Building 830				
				Field Sample ID: D3-TW-0017507-22347-N-3	Field Sample ID: D3-TW-0017507-22347-N-4	Field Sample ID: D3-TW-0017507-22347-N-5	Field Sample ID: D3-TW-0017509-22347-3-N-3	Field Sample ID: D3-TW-0017509-22347-N-1	Field Sample ID: D3-TW-0017509-22347-N-2	Field Sample ID: D3-TW-0017509-22347-N-3	Field Sample ID: D3-TW-0017509-22347-N-4
				Sample Date: 2023-03-06	Sample Date: 2023-03-06	Sample Date: 2023-03-06	Sample Date: 2023-03-03	Sample Date: 2023-03-03	Sample Date: 2023-03-03	Sample Date: 2023-03-03	Sample Date: 2023-03-03
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)			
Field Test (ppb)	Free Chlorine	4000	MCL	30.0-560	30.0-560	30.0-560	70.0-250	70.0-250	70.0-250	70.0-250	70.0-250
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	0.130
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.24	2.12	2.29	2.70	2.20	2.20	2.90	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.40	1.33	1.20	1.40	1.30	0.560	1.60
	Copper	1300	MCL	57.6	166	202	33.5	14.1	14.5	36.2	28.0
	Lead	15	MCL	ND	ND	0.224	ND	ND	ND	0.130	0.140
	Mercury	2	MCL	ND	ND	ND	ND	0.0470	ND	ND	ND
	Selenium	50	MCL	0.968	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 D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

Notes:
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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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0520			Location ID: D3-BLDG0830				
				Field Sample ID	Sample Date	Sample Type	Location Type: School				
				Address: Chester Nimitz Elementary, 520 Main St, Building 520			Address: Holy Family Catholic Academy, 830 Main St, Building 830				
				D3-TW-0017507-22347-N-3	D3-TW-0017507-22347-N-4	D3-TW-0017507-22347-N-5	D3-TW-0017509-22347-3-N-3	D3-TW-0017509-22347-N-1	D3-TW-0017509-22347-N-2	D3-TW-0017509-22347-N-3	D3-TW-0017509-22347-N-4
				2023-03-06	2023-03-06	2023-03-06	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03
				N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	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 D3 Long Term Monitoring
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Drinking Water Samples collected in January - June 2023 from Schools in Zone D3

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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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0520			Location ID: D3-BLDG0830				
				Field Sample ID	Sample Date	Sample Type	Location Type: School				
				Address: Chester Nimitz Elementary, 520 Main St, Building 520			Address: Holy Family Catholic Academy, 830 Main St, Building 830				
				D3-TW-0017507-22347-N-3	D3-TW-0017507-22347-N-4	D3-TW-0017507-22347-N-5	D3-TW-0017509-22347-3-N-3	D3-TW-0017509-22347-N-1	D3-TW-0017509-22347-N-2	D3-TW-0017509-22347-N-3	D3-TW-0017509-22347-N-4
				2023-03-06	2023-03-06	2023-03-06	2023-03-03	2023-03-03	2023-03-03	2023-03-03	2023-03-03
				N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	--	--	0.250	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.40	1.30	1.40	0.440	1.30	0.990	0.550	0.390
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.890	0.800	0.690	0.300	0.640	0.520	0.270	0.310
	Total Trihalomethanes	80	MCL	2.54	2.10	2.09	0.740	1.94	1.51	0.820	0.700

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:						
				D3-BLDG0830	D3-BLDG1309H						
				Location Type:	Location Type:						
				Address:	Address:						
				Field Sample ID:	D3-TW-0017509-22347-N-5	D3-TW-0015133-22347-3-N-2	D3-TW-0015133-22347-N-1	D3-TW-0015133-22347-N-2	D3-TW-0015133-22347-N-3	D3-TW-0015133-22347-N-4	D3-TW-0015133-22347-N-5
				Sample Date:	2023-03-03	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	70.0-250	30.0-450	30.0-450	30.0-450	30.0-450	30.0-450	30.0-450	
Field Test (ppb)	Free Chlorine	4000	MCL	70.0-250	30.0-450	30.0-450	30.0-450	30.0-450	30.0-450	30.0-450	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	54.8	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	ND	ND	ND	ND	54.8	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	2.10	2.00	2.01	1.94	1.94	2.11	1.97	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.40	1.34	1.39	1.31	1.38	1.39	1.75	
	Copper	1300	MCL	25.5	55.3	31.8	83.6	51.6	79.3	53.6	
	Lead	15	MCL	ND	0.557	0.728	0.586	0.278	1.25	0.587	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	ND	1.01	0.782	1.20	0.868	0.991	0.728	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:						
				D3-BLDG0830	D3-BLDG1309H						
				Location Type:	Location Type:						
				Address:	Address:						
				Field Sample ID:	D3-TW-0017509-22347-N-5	D3-TW-0015133-22347-3-N-2	D3-TW-0015133-22347-N-1	D3-TW-0015133-22347-N-2	D3-TW-0015133-22347-N-3	D3-TW-0015133-22347-N-4	D3-TW-0015133-22347-N-5
				Sample Date:	2023-03-03	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)				
				Address:	Address:						
					MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H						
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:							
				D3-BLDG0830	D3-BLDG1309H							
				Location Type:	Location Type:							
				Address:	Address:							
				Field Sample ID:	D3-TW-0017509-22347-N-5	D3-TW-0015133-22347-3-N-2	D3-TW-0015133-22347-N-1	D3-TW-0015133-22347-N-2	D3-TW-0015133-22347-N-3	D3-TW-0015133-22347-N-4	D3-TW-0015133-22347-N-5	
				Sample Date:	2023-03-03	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06	2023-03-06	
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	0.720	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	0.720	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.470	ND	3.80	0.360	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	ND	0.820	0.280	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.790	ND	4.62	0.640	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-BLDG0515		D3-BLDG1330H		D3-BLDG1335H		D3-BLDG1586H	
				400-620	400-620	110-190	110-190	250-480	250-480	280-400	280-400
Field Test (ppb)	Free Chlorine	4000	MCL	400-620	400-620	110-190	110-190	250-480	250-480	280-400	280-400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	84.8	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	84.8	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.530	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.30	5.47	5.71	3.29	3.42	2.36	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.60	1.38	1.40	1.24	1.35	1.50	1.29
	Copper	1300	MCL	27.3	10.0	84.6	83.3	153	36.6	18.4	66.3
	Lead	15	MCL	0.270	0.130	ND	ND	0.458	ND	ND	0.725
	Mercury	2	MCL	0.0260	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	0.716	0.782	0.787	1.12	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG0515		Location ID: D3-BLDG1330H		Location ID: D3-BLDG1335H		Location ID: D3-BLDG1586H	
				Location Type: Child Development Center	Address: Building 515, Pearl Harbor Church of Christ (515 Main St)	Location Type: Child Development Center	Address: Building 1330H, YOUTH CENTER, 234 Melick Ave	Location Type: Child Development Center	Address: Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)	Location Type: Child Development Center	Address: Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)
				Field Sample ID: D3-TW-0017510-22347-N-1	Field Sample ID: D3-TW-0017510-22347-N-2	Field Sample ID: D3-TW-0015139-22347-N-1	Field Sample ID: D3-TW-0015139-22347-N-2	Field Sample ID: D3-TW-0015141-22347-N-1	Field Sample ID: D3-TW-0015141-22347-N-2	Field Sample ID: D3-TW-0015143-22347-N-1	Field Sample ID: D3-TW-0015143-22347-N-2
				Sample Date: 2023-04-18	Sample Date: 2023-04-18	Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-03-07
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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
	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

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		Location ID: D3-BLDG0515		D3-BLDG1330H		D3-BLDG1335H		D3-BLDG1586H	
		Location Type: Child Development Center		Child Development Center		Child Development Center		Child Development Center	
		Address: Building 515, Pearl Harbor Church of Christ (515 Main St)		Building 1330H, YOUTH CENTER, 234 Melick Ave		Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)		Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)	
		Field Sample ID: D3-TW-0017510-22347-N-1	D3-TW-0017510-22347-N-2	D3-TW-0015139-22347-N-1	D3-TW-0015139-22347-N-2	D3-TW-0015141-22347-N-1	D3-TW-0015141-22347-N-2	D3-TW-0015143-22347-N-1	D3-TW-0015143-22347-N-2
		Sample Date: 2023-04-18	2023-04-18	2023-03-07	2023-03-07	2023-03-07	2023-03-07	2023-03-07	2023-03-07
		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
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	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	0.260	0.270	ND	ND
	Bromoform	--	--	1.00	1.00	2.20	2.70	3.20	1.40
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.640	0.620	0.970	1.20	0.830	0.800
	Total Trihalomethanes	80	MCL	1.64	1.62	3.43	4.17	4.03	2.20

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG1654H		Location ID: D3-BLDG1859H		Location ID: D3-BLDG3950	
				Location Type: Child Development Center	Address: Building 1654H, CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)	Location Type: Child Development Center	Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)	Location Type: Child Development Center	Address: Building 3950, Trinity Missionary Baptist Church (3950 Paine Cir)
				Field Sample ID: D3-TW-0015153-22347-N-1	Field Sample ID: D3-TW-0015153-22347-N-2	Field Sample ID: D3-TW-0015186-22347-N-1	Field Sample ID: D3-TW-0015186-22347-N-2	Field Sample ID: D3-TW-0017511-22347-N-1	Field Sample ID: D3-TW-0017511-22347-N-2
				Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-04-18	Sample Date: 2023-04-18	Sample Date: 2023-04-18	Sample Date: 2023-04-18
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	40.0-460	40.0-460	140-600	140-600	70.0-80.0	70.0-80.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.2	ND	73.2	64.5	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	54.2	ND	73.2	64.5	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	1.88	2.32	2.00	1.90	2.40	2.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.33	ND	1.50	1.70	1.50	1.30
	Copper	1300	MCL	30.1	212	12.3	185	7.00	16.4
	Lead	15	MCL	ND	2.28	0.150	0.840	0.210	0.200
	Mercury	2	MCL	ND	ND	ND	0.0270	0.0250	ND
	Selenium	50	MCL	0.853	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	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-BLDG1654H		Location ID: D3-BLDG1859H		Location ID: D3-BLDG3950	
				Location Type: Child Development Center	Address: Building 1654H, CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)	Location Type: Child Development Center	Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)	Location Type: Child Development Center	Address: Building 3950, Trinity Missionary Baptist Church (3950 Paine Cir)
				Field Sample ID: D3-TW-0015153-22347-N-1	Field Sample ID: D3-TW-0015153-22347-N-2	Field Sample ID: D3-TW-0015186-22347-N-1	Field Sample ID: D3-TW-0015186-22347-N-2	Field Sample ID: D3-TW-0017511-22347-N-1	Field Sample ID: D3-TW-0017511-22347-N-2
				Sample Date: 2023-03-07	Sample Date: 2023-03-07	Sample Date: 2023-04-18	Sample Date: 2023-04-18	Sample Date: 2023-04-18	Sample Date: 2023-04-18
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Child Development Centers in Zone D3

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		Location ID: D3-BLDG1654H		D3-BLDG1859H		D3-BLDG3950			
		Location Type: Child Development Center		Child Development Center		Child Development Center			
		Address: Building 1654H, CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)		Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)		Building 3950, Trinity Missionary Baptist Church (3950 Paine Cir)			
		Field Sample ID: D3-TW-0015153-22347-N-1	D3-TW-0015153-22347-N-2	D3-TW-0015186-22347-N-1	D3-TW-0015186-22347-N-2	D3-TW-0017511-22347-N-1	D3-TW-0017511-22347-N-2		
		Sample Date: 2023-03-07	2023-03-07	2023-04-18	2023-04-18	2023-04-18	2023-04-18		
		Sample Type: 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
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	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	0.540	0.570
	Bromoform	--	--	ND	0.690	0.370	0.320	9.60	9.30
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.320	ND	ND	2.50	2.40
	Total Trihalomethanes	80	MCL	ND	1.01	0.370	0.320	12.6	12.3

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D3

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

		Location ID:	D3-BLDG1722H	D3-BLDG1725H	D3-BLDG1726H	D3-BLDG1728H	D3-BLDG1805H	D3-BLDG1843H	D3-BLDG1856H	D3-BLDG1864H	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building	
		Address:	Building 1722H,GOQ FURN	Building 1725H,GSA	Building 1726H,GSA	Building 1728H,CENTRAL EXCHANGE WAREHOUSE	Building 1805H,DORMITORY AIRMAN PP	Building 1843H,DORM AIRMAN PERMANENT PARTY/	Building 1856H,DORM AIRMAN PERMANENT PARTY	BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave	
		Field Sample ID:	D3-TW-0015160-22347-N	D3-TW-0015163-22347-N	D3-TW-0015164-22347-N	D3-TW-0015165-22347-N	D3-TW-0015172-22347-N	D3-TW-0015176-22347-N	D3-TW-0015185-22347-N	D3-TW-0014166-22347-N	
		Sample Date:	2023-04-19	2023-03-07	2023-03-06	2023-04-19	2023-04-10	2023-04-10	2023-04-10	2023-02-01	
		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	440	410	490	460	40.0	490	130	190
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	75.8	ND	79.0	54.2	ND	ND	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	60.9
	Petroleum Hydrocarbons, Total	266	ISP	75.8	ND	79.0	54.2	ND	ND	ND	60.9
Metals (ppb)	Antimony	6	MCL	ND	ND	0.423	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	3.30	2.09	2.10	1.90	1.90	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	0.120
	Chromium	100	MCL	1.60	1.34	1.34	1.60	1.60	1.40	1.50	1.50
	Copper	1300	MCL	27.5	22.8	87.0	40.1	42.4	19.6	5.80	98.8
	Lead	15	MCL	0.380	ND	0.436	0.190	ND	0.130	0.160	5.90
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.691	1.41	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	2.00	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

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-BLDG1722H	D3-BLDG1725H	D3-BLDG1726H	D3-BLDG1728H	D3-BLDG1805H	D3-BLDG1843H	D3-BLDG1856H	D3-BLDG1864H
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 1722H,GOQ FURN	Building 1725H,GSA	Building 1726H,GSA	Building 1728H,CENTRAL EXCHANGE WAREHOUSE	Building 1805H,DORMITORY AIRMAN PP	Building 1843H,DORM AIRMAN PERMANENT PARTY/	Building 1856H,DORM AIRMAN PERMANENT PARTY	BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave
				Field Sample ID:	D3-TW-0015160-22347-N	D3-TW-0015163-22347-N	D3-TW-0015164-22347-N	D3-TW-0015165-22347-N	D3-TW-0015172-22347-N	D3-TW-0015176-22347-N	D3-TW-0015185-22347-N	D3-TW-0014166-22347-N
				Sample Date:	2023-04-19	2023-03-07	2023-03-06	2023-04-19	2023-04-10	2023-04-10	2023-04-10	2023-02-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	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

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D3

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		Location ID:	D3-BLDG1722H	D3-BLDG1725H	D3-BLDG1726H	D3-BLDG1728H	D3-BLDG1805H	D3-BLDG1843H	D3-BLDG1856H	D3-BLDG1864H
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building
		Address:	Building 1722H,GOQ FURN	Building 1725H,GSA	Building 1726H,GSA	Building 1728H,CENTRAL EXCHANGE WAREHOUSE	Building 1805H,DORMITORY AIRMAN PP	Building 1843H,DORM AIRMAN PERMANENT PARTY/	Building 1856H,DORM AIRMAN PERMANENT PARTY	BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave
		Field Sample ID:	D3-TW-0015160-22347-N	D3-TW-0015163-22347-N	D3-TW-0015164-22347-N	D3-TW-0015165-22347-N	D3-TW-0015172-22347-N	D3-TW-0015176-22347-N	D3-TW-0015185-22347-N	D3-TW-0014166-22347-N
		Sample Date:	2023-04-19	2023-03-07	2023-03-06	2023-04-19	2023-04-10	2023-04-10	2023-04-10	2023-02-01
		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)	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	ND
	Bromoform	--	--	0.420	1.20	0.380	0.590	1.30	0.360	0.490
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.710	0.290	0.280	0.290	ND	ND
	Total Trihalomethanes	80	MCL	0.420	1.91	0.670	0.870	1.59	0.360	0.490

Summary of Chemistry Results
 Zone D3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D3

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

		Location ID:	D3-BLDG2176H	D3-BLDG4032H	D3-BLDG4069H	D3-BLDG4100H	D3-BLDG4104H	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	
		Address:	Building 2176H,624TH RSG 48TH AP SQ OP&TRNG	Building 4032H,MILITARY WORKING DOG (KENNEL)	Building 4069H,TERMINAL, AIR FREIGHT	Building 4100H,RESERVE FORCES GENERAL TRAIN	Building 4104H,MOBILITY STORAGE FACILITY	
		Field Sample ID:	D3-TW-0015205-22347-N	D3-TW-0015221-22347-N	D3-TW-0015223-22347-N	D3-TW-0015229-22347-N	D3-TW-0015230-22347-N	
		Sample Date:	2023-04-18	2023-04-19	2023-04-10	2023-04-26	2023-04-26	
		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	400	470	310	50.0	160
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	200	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	66.3	55.6	ND	81.9	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	66.3	55.6	ND	81.9	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	2.20	2.00	2.30	2.60
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.70	1.60	1.80	1.70
	Copper	1300	MCL	39.4	42.7	50.7	235	188
	Lead	15	MCL	0.150	0.180	ND	0.460	0.690
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND

Summary of Chemistry Results
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Drinking Water Samples collected in January - June 2023 from Other Buildings in Zone D3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-BLDG2176H	D3-BLDG4032H	D3-BLDG4069H	D3-BLDG4100H	D3-BLDG4104H
				Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence
				Address:	Building 2176H,624TH RSG 48TH AP SQ OP&TRNG	Building 4032H,MILITARY WORKING DOG (KENNEL)	Building 4069H,TERMINAL, AIR FREIGHT	Building 4100H,RESERVE FORCES GENERAL TRAIN	Building 4104H,MOBILITY STORAGE FACILITY
				Field Sample ID:	D3-TW-0015205-22347-N	D3-TW-0015221-22347-N	D3-TW-0015223-22347-N	D3-TW-0015229-22347-N	D3-TW-0015230-22347-N
				Sample Date:	2023-04-18	2023-04-19	2023-04-10	2023-04-26	2023-04-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	

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		Location ID:	D3-BLDG2176H	D3-BLDG4032H	D3-BLDG4069H	D3-BLDG4100H	D3-BLDG4104H	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	
		Address:	Building 2176H,624TH RSG 48TH AP SQ OP&TRNG	Building 4032H,MILITARY WORKING DOG (KENNEL)	Building 4069H,TERMINAL, AIR FREIGHT	Building 4100H,RESERVE FORCES GENERAL TRAIN	Building 4104H,MOBILITY STORAGE FACILITY	
		Field Sample ID:	D3-TW-0015205- 22347-N	D3-TW-0015221- 22347-N	D3-TW-0015223- 22347-N	D3-TW-0015229- 22347-N	D3-TW-0015230- 22347-N	
		Sample Date:	2023-04-18	2023-04-19	2023-04-10	2023-04-26	2023-04-26	
		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)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	0.880	0.910
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	0.880	0.910
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.360	0.270
	Bromoform	--	--	0.770	0.400	0.540	5.10	6.00
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.340	ND	0.280	1.30	1.10
	Total Trihalomethanes	80	MCL	1.11	0.400	0.820	6.76	7.37

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		Location ID:		D3-HYD0188		D3-HYD0213		D3-HYD0219		D3-HYD0222		D3-HYD0411		D3-HYD0520	
		Location Type:		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant	
		Address:		FH 188		FH 213		FH 219		FH 222		FH 411		FH 520	
		Field Sample ID:		D3-DL-0017729-22347 -3-N	D3-DL-0017729-22347 -N	D3-DL-0017735-22347 -N	D3-DL-0017733-22347 -N	D3-DL-0017730-22347 -N	D3-DL-0017731-22347 -3-N	D3-DL-0017731-22347 -N	D3-DL-0017734-22347 -N				
		Sample Date:		2023-03-07	2023-03-07	2023-04-10	2023-04-10	2023-04-10	2023-02-02	2023-02-02	2023-04-10				
		Sample Type:		FD (Field Duplicate)	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	310	310	470	440	490	500	500	480				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND				
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	64.0	58.7	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	266	ISP	64.0	58.7	ND	ND	ND	ND	ND	ND				
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.120	ND				
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Barium	2000	MCL	2.16	2.18	2.00	1.90	2.10	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	1.44	1.59	1.60	1.50	1.60	1.60	1.70	1.60				
	Mercury	2	MCL	0.0320	0.0260	ND	ND	ND	ND	ND	ND				
	Selenium	50	MCL	0.823	0.721	ND	ND	ND	ND	0.310	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	0.0120	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				
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND				

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		Location ID:	D3-HYD0188		D3-HYD0213	D3-HYD0219	D3-HYD0222	D3-HYD0411		D3-HYD0520
		Location Type:	Hydrant		Hydrant	Hydrant	Hydrant	Hydrant		Hydrant
		Address:	FH 188		FH 213	FH 219	FH 222	FH 411		FH 520
		Field Sample ID:	D3-DL-0017729-22347 -3-N	D3-DL-0017729-22347 -N	D3-DL-0017735-22347 -N	D3-DL-0017733-22347 -N	D3-DL-0017730-22347 -N	D3-DL-0017731-22347 -3-N	D3-DL-0017731-22347 -N	D3-DL-0017734-22347 -N
		Sample Date:	2023-03-07	2023-03-07	2023-04-10	2023-04-10	2023-04-10	2023-02-02	2023-02-02	2023-04-10
		Sample Type:	FD (Field Duplicate)	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-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
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-HYD0188		D3-HYD0213		D3-HYD0219		D3-HYD0222		D3-HYD0411		D3-HYD0520					
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:
				D3-DL-0017729-22347-3-N	D3-DL-0017729-22347-N	D3-DL-0017735-22347-N	D3-DL-0017733-22347-N	D3-DL-0017730-22347-N	D3-DL-0017731-22347-3-N	D3-DL-0017731-22347-N	D3-DL-0017734-22347-N								
				2023-03-07	2023-03-07	2023-04-10	2023-04-10	2023-04-10	2023-02-02	2023-02-02	2023-04-10								
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)								
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.300	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-HYD0592	D3-HYD2080
				Location ID: D3-HYD0592	D3-HYD2080
				Location Type: Hydrant	Hydrant
				Address: FH 592	FH ID: 473
				Field Sample ID: D3-DL-0017732-22347-N	D3-DL-0000547-22347-N
				Sample Date: 2023-04-10	2023-03-07
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	480	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	62.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	62.0
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	1.90	1.86
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.60	1.37
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	ND	0.861
	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	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
	Naphthalene	17	EAL	ND	ND
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				D3-HYD0592	Hydrant	FH 592	D3-DL-0017732-22347-N	2023-04-10	N (Normal)
				D3-HYD2080	Hydrant	FH ID: 473	D3-DL-0000547-22347-N	2023-03-07	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND	ND				
	1,2-Dichloroethene (Total)	70	MCL	ND	ND				
	1,2-Dichloropropane	5	MCL	ND	ND				
	1,4-Dichlorobenzene	75	MCL	ND	ND				
	Benzene	5	MCL	ND	ND				
	Carbon Tetrachloride	5	MCL	ND	ND				
	Chlorobenzene	100	MCL	ND	ND				
	cis-1,2-Dichloroethene	70	MCL	ND	ND				
	Ethylbenzene	700	MCL	ND	ND				
	m,p-Xylene	--	--	ND	ND				
	Methylene chloride	5	MCL	ND	ND				
	o-Xylene	--	--	ND	ND				
	Styrene	100	MCL	ND	ND				
	Tetrachloroethene (PCE)	5	MCL	ND	ND				
	Toluene	1000	MCL	ND	ND				
	trans-1,2-Dichloroethene	100	MCL	ND	ND				
	Trichloroethene (TCE)	5	MCL	ND	ND				
	Vinyl chloride	2	MCL	ND	ND				
	Xylenes, Total	10000	MCL	ND	ND				
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND				
	Chloroacetic acid	--	--	ND	ND				
	Dibromoacetic acid	--	--	ND	ND				
	Dichloroacetic acid	--	--	ND	ND				
	Trichloroacetic acid	--	--	ND	ND				
	Total Haloacetic acids	60	MCL	ND	ND				

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Location ID:	D3-HYD0592	D3-HYD2080
Location Type:	Hydrant	Hydrant
Address:	FH 592	FH ID: 473
Field Sample ID:	D3-DL-0017732-22347 -N	D3-DL-0000547-22347 -N
Sample Date:	2023-04-10	2023-03-07
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-HYD0592	D3-HYD2080
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	0.440	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	0.320
	Total Trihalomethanes	80	MCL	0.440	0.320