

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Residences in Zone D1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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All Results shown in Parts per Billion (ppb)
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N (Normal) = Full compliance sample
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		Location ID:	D1-AMCK3320	D1-BHAN3325	D1-BHOO3303	D1-BOTH0406	D1-CHRI0308	D1-CHRI0312		D1-CHRI0325	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	3320A McKeen Place	3325B Hancock Place	3303B Hooper Place	406 Bothne Court	308 Christopher Court	312 Christopher Court		325 Christopher Court	
		Field Sample ID:	D1-TW-0001098-23145-N	D1-TW-0001205-23145-N-T	D1-TW-0001173-23145-N	D1-TW-0001012-23145-N	D1-TW-0000774-23145-N	D1-TW-0000778-23145-N-T	D1-TW-0000778-23145-3-N-T	D1-TW-0000790-23145-N	
		Sample Date:	2023-10-13	2023-07-06	2023-09-21	2023-08-29	2023-08-30	2023-07-17	2023-07-17	2023-08-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	430	520	50.0	360	590	320	320	650
Field Test (ppb)	Free Chlorine	4000	MCL	430	520	50.0	360	590	320	320	650
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	54.7	90.2	64.5	101	67.5	62.2	87.8
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	89.7	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	54.7	90.2	64.5	191	67.5	62.2	87.8
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.90	2.20	2.00	1.90	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.760	2.10	ND	0.790	ND	1.10	1.10	0.630
	Copper	1300	MCL	11.4	45.6	13.3	55.1	26.8	58.1	81.2	44.6
	Lead	15	MCL	ND	0.380	ND	0.180	0.140	ND	ND	0.130
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.20	2.00	1.70	2.00	1.00	1.80	1.90	1.70
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0140	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	0.450	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

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		Location ID:	D1-AMCK3320	D1-BHAN3325	D1-BHOO3303	D1-BOTH0406	D1-CHRI0308	D1-CHRI0312		D1-CHRI0325
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:	3320A McKeen Place	3325B Hancock Place	3303B Hooper Place	406 Bothne Court	308 Christopher Court	312 Christopher Court		325 Christopher Court
		Field Sample ID:	D1-TW-0001098-23145-N	D1-TW-0001205-23145-N-T	D1-TW-0001173-23145-N	D1-TW-0001012-23145-N	D1-TW-0000774-23145-N	D1-TW-0000778-23145-N-T	D1-TW-0000778-23145-3-N-T	D1-TW-0000790-23145-N
		Sample Date:	2023-10-13	2023-07-06	2023-09-21	2023-08-29	2023-08-30	2023-07-17	2023-07-17	2023-08-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					3320A McKeen Place	3325B Hancock Place	3303B Hooper Place	406 Bothne Court	308 Christopher Court	312 Christopher Court		325 Christopher Court
					D1-TW-0001098-23145-N	D1-TW-0001205-23145-N-T	D1-TW-0001173-23145-N	D1-TW-0001012-23145-N	D1-TW-0000774-23145-N	D1-TW-0000778-23145-N-T	D1-TW-0000778-23145-3-N-T	D1-TW-0000790-23145-N
					2023-10-13	2023-07-06	2023-09-21	2023-08-29	2023-08-30	2023-07-17	2023-07-17	2023-08-29
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
					ND	ND	ND	ND	ND	ND	ND	ND
					60	MCL	ND	ND	ND	ND	ND	ND
					ND	ND	ND	ND	ND	ND	ND	ND
					ND	ND	ND	ND	0.250	ND	ND	0.370
					ND	ND	ND	ND	ND	ND	ND	ND
					ND	ND	ND	ND	0.330	ND	ND	0.340
					80	MCL	ND	ND	ND	0.580	ND	0.710

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		Location ID:		D1-CSTO3317		D1-CVAL3309		D1-DCRU3346		D1-DLEA3335		D1-DORL3322		D1-DPOW3338					
		Location Type:		Residence		Residence		Residence		Residence		Residence		Residence					
		Address:		3317C Stommes Place		3309C Valdez Place		3346D Cruse Place		3335D Leal Place		3322D Orlando Place		3338D Powell Loop					
		Field Sample ID:		D1-TW-0001090-23145-N		D1-TW-0001202-23145-N		D1-TW-0001202-23145-3-N		D1-TW-0000721-23145-N		D1-TW-0000743-23145-N		D1-TW-0000743-23145-3-N		D1-TW-0001149-23145-N		D1-TW-0001119-23145-N	
		Sample Date:		2023-08-29		2023-10-25		2023-10-25		2023-08-29		2023-07-07		2023-07-07		2023-07-14		2023-07-12	
		Sample Type:		N (Normal)		N (Normal)		FD (Field Duplicate)		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	650	670	670	670	620	480	480	ND	140							
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	61.7	69.3	78.4	52.8	59.4	ND	64.7	59.6								
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND								
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND								
	Petroleum Hydrocarbons, Total	266	ISP	61.7	69.3	78.4	52.8	59.4	ND	64.7	59.6								
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.120	ND	ND	ND							
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	Barium	2000	MCL	2.00	2.50	2.60	2.00	2.00	2.00	1.90	1.80	1.80							
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	Chromium	100	MCL	0.620	0.640	0.610	0.620	2.00	2.00	0.790	1.90								
	Copper	1300	MCL	9.60	22.3	20.5	22.8	16.5	32.8	40.7	23.2								
	Lead	15	MCL	0.170	0.430	0.180	0.290	0.140	0.130	ND	ND	ND							
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	Selenium	50	MCL	1.70	1.40	1.70	1.80	ND	ND	2.80	ND								
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.0760	ND	ND	ND							
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.0170	ND								
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND							

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-CVAL3309		D1-DCRU3346	D1-DLEA3335		D1-DORL3322	D1-DPOW3338	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	3309C Valdez Place		3346D Cruse Place	3335D Leal Place		3322D Orlando Place	3338D Powell Loop	
				Field Sample ID:	D1-TW-0001090-23145-N	D1-TW-0001202-23145-N	D1-TW-0001202-23145-3-N	D1-TW-0000721-23145-N	D1-TW-0000743-23145-N	D1-TW-0000743-23145-3-N	D1-TW-0001149-23145-N	D1-TW-0001119-23145-N
				Sample Date:	2023-08-29	2023-10-25	2023-10-25	2023-08-29	2023-07-07	2023-07-07	2023-07-14	2023-07-12
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-CVAL3309		D1-DCRU3346	D1-DLEA3335		D1-DORL3322	D1-DPOW3338	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	3309C Valdez Place		3346D Cruse Place	3335D Leal Place		3322D Orlando Place	3338D Powell Loop	
				Field Sample ID:	D1-TW-0001090-23145-N	D1-TW-0001202-23145-N	D1-TW-0001202-23145-3-N	D1-TW-0000721-23145-N	D1-TW-0000743-23145-N	D1-TW-0000743-23145-3-N	D1-TW-0001149-23145-N	D1-TW-0001119-23145-N
				Sample Date:	2023-08-29	2023-10-25	2023-10-25	2023-08-29	2023-07-07	2023-07-07	2023-07-14	2023-07-12
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	0.340	0.350	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	1.10	1.10	ND	0.260	ND	ND	0.250	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.920	0.980	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	2.36	2.43	ND	0.260	ND	ND	0.250	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-DSMI3339	D1-DSMI3342	D1-DUNL0205	D1-DVAL3309		D1-EOUT1016	D1-ETEA0706	D1-FCRU3346
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3339D Smith Circle	3342D Smith Circle	205 Dunlap Court	3309D Valdez Place		1016 East Outerbridge Court	706 East Teaff Court	3346F Cruse Place
				Field Sample ID:	D1-TW-0000747-23145-N	D1-TW-0000757-23145-N	D1-TW-0001070-23145-N	D1-TW-0001203-23145-N	D1-TW-0001203-23145-3-N	D1-TW-0000874-23145-N	D1-TW-0000840-23145-N	D1-TW-0000723-23145-N
				Sample Date:	2023-07-13	2023-10-13	2023-07-18	2023-07-12	2023-07-12	2023-07-07	2023-08-29	2023-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	120	460	470	560	560	30.0	730	370	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.5	ND	56.3	73.0	74.4	ND	52.3	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	55.5	ND	56.3	73.0	74.4	ND	52.3	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.90	2.00	1.80	2.30	2.30	2.00	1.90	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	0.650	0.840	0.800	1.90	1.90	2.10	0.660	0.640	
	Copper	1300	MCL	35.5	30.2	22.0	14.5	17.5	156	53.2	26.4	
	Lead	15	MCL	ND	0.210	0.380	ND	ND	0.200	0.400	ND	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	2.70	1.20	2.50	ND	ND	ND	1.90	1.80	
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	0.0210	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Residences in Zone D1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-DSMI3339	D1-DSMI3342	D1-DUNL0205	D1-DVAL3309		D1-EOUT1016	D1-ETEA0706	D1-FCRU3346
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3339D Smith Circle	3342D Smith Circle	205 Dunlap Court	3309D Valdez Place		1016 East Outerbridge Court	706 East Teaff Court	3346F Cruse Place
				Field Sample ID:	D1-TW-0000747-23145-N	D1-TW-0000757-23145-N	D1-TW-0001070-23145-N	D1-TW-0001203-23145-N	D1-TW-0001203-23145-3-N	D1-TW-0000874-23145-N	D1-TW-0000840-23145-N	D1-TW-0000723-23145-N
				Sample Date:	2023-07-13	2023-10-13	2023-07-18	2023-07-12	2023-07-12	2023-07-07	2023-08-29	2023-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-DSMI3339	D1-DSMI3342	D1-DUNL0205	D1-DVAL3309		D1-EOUT1016	D1-ETEA0706	D1-FCRU3346
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3339D Smith Circle	3342D Smith Circle	205 Dunlap Court	3309D Valdez Place		1016 East Outerbridge Court	706 East Teaff Court	3346F Cruse Place
				Field Sample ID:	D1-TW-0000747-23145-N	D1-TW-0000757-23145-N	D1-TW-0001070-23145-N	D1-TW-0001203-23145-N	D1-TW-0001203-23145-3-N	D1-TW-0000874-23145-N	D1-TW-0000840-23145-N	D1-TW-0000723-23145-N
				Sample Date:	2023-07-13	2023-10-13	2023-07-18	2023-07-12	2023-07-12	2023-07-07	2023-08-29	2023-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.300	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.280	0.310	2.10	0.330	0.340	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.30	0.380	0.460	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.280	0.310	3.70	0.710	0.800	ND	ND	ND	ND

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		Location ID:	D1-FISL1801	D1-FISL1807	D1-FISL1808		D1-FISL1811	D1-FSMI3342	D1-GOMB1403	D1-GRAH0501	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	1801 Fisler Court	1807 Fisler Court	1808 Fisler Court		1811 Fisler Court	3342F Smith Circle	1403 Gombasy Court	501 Graham Court	
		Field Sample ID:	D1-TW-0000987-23145-N	D1-TW-0000993-23145-N	D1-TW-0000994-23145-N	D1-TW-0000994-23145-3-N	D1-TW-0000997-23145-N	D1-TW-0000759-23145-N	D1-TW-0000899-23145-N	D1-TW-0001021-23145-N-1-T	
		Sample Date:	2023-08-31	2023-07-07	2023-09-22	2023-09-22	2023-08-30	2023-07-17	2023-08-29	2023-07-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	460	170	820	820	820	560	50.0	430
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	65.0	ND	ND	ND	119	69.7	58.1	52.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	108	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	65.0	ND	ND	ND	227	69.7	58.1	52.7
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.590	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.80	1.90	1.90	1.90	2.00	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	2.10	ND	ND	ND	1.20	0.630	2.00
	Copper	1300	MCL	22.0	105	44.2	26.5	56.1	13.0	38.9	76.5
	Lead	15	MCL	0.830	0.130	ND	ND	0.170	ND	0.150	0.170
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.10	ND	3.30	2.00	1.20	1.90	1.80	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	0.600	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D1-FISL1801	D1-FISL1807	D1-FISL1808		D1-FISL1811	D1-FSMI3342	D1-GOMB1403	D1-GRAH0501	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	1801 Fisler Court	1807 Fisler Court	1808 Fisler Court		1811 Fisler Court	3342F Smith Circle	1403 Gombasy Court	501 Graham Court	
		Field Sample ID:	D1-TW-0000987-23145-N	D1-TW-0000993-23145-N	D1-TW-0000994-23145-N	D1-TW-0000994-23145-3-N	D1-TW-0000997-23145-N	D1-TW-0000759-23145-N	D1-TW-0000899-23145-N	D1-TW-0001021-23145-N-1-T	
		Sample Date:	2023-08-31	2023-07-07	2023-09-22	2023-09-22	2023-08-30	2023-07-17	2023-08-29	2023-07-07	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

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		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	1801 Fisler Court	1807 Fisler Court	1808 Fisler Court		1811 Fisler Court	3342F Smith Circle	1403 Gombasy Court	501 Graham Court
		Field Sample ID:	D1-TW-0000987-23145-N	D1-TW-0000993-23145-N	D1-TW-0000994-23145-N	D1-TW-0000994-23145-3-N	D1-TW-0000997-23145-N	D1-TW-0000759-23145-N	D1-TW-0000899-23145-N	D1-TW-0001021-23145-N-1-T
		Sample Date:	2023-08-31	2023-07-07	2023-09-22	2023-09-22	2023-08-30	2023-07-17	2023-08-29	2023-07-07
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.290	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.560	ND	ND	ND	ND	ND	ND

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		Location ID:	D1-GRAH0507	D1-GRAH0509	D1-HUTT0910	D1-HUTT0918	D1-HUTT0922	D1-HUTT0923		D1-KAUF1504	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	507 Graham Court	509 Graham Court	910 Huttenberg Court	918 Huttenberg Court	922 Huttenberg Court	923 Huttenberg Court		1504 Kaufman Court	
		Field Sample ID:	D1-TW-0001027-23145-N-T	D1-TW-0001029-23145-N	D1-TW-0000802-23145-N	D1-TW-0000810-23145-N	D1-TW-0000814-23145-N	D1-TW-0000815-23145-N	D1-TW-0000815-23145-3-N	D1-TW-0000938-23145-N	
		Sample Date:	2023-07-06	2023-07-07	2023-08-29	2023-09-21	2023-09-22	2023-10-13	2023-10-13	2023-07-17	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	100	300	690	530	520	340	340	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.0	ND	57.4	94.3	59.3	63.8	59.6	63.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	57.2	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	63.0	ND	57.4	94.3	59.3	121	59.6	63.0
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.520	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.10	1.90	2.00	1.90	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.10	2.10	0.680	ND	ND	0.820	0.780	1.20
	Copper	1300	MCL	32.8	46.7	31.2	19.2	27.9	26.9	28.0	34.3
	Lead	15	MCL	0.190	0.620	ND	ND	ND	ND	ND	0.140
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.20	ND	1.80	1.90	2.90	1.20	1.20	1.90
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	0.0140	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:	D1-GRAH0507	D1-GRAH0509	D1-HUTT0910	D1-HUTT0918	D1-HUTT0922	D1-HUTT0923		D1-KAUF1504
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	507 Graham Court	509 Graham Court	910 Huttenberg Court	918 Huttenberg Court	922 Huttenberg Court	923 Huttenberg Court		1504 Kaufman Court
				Field Sample ID:	D1-TW-0001027-23145-N-T	D1-TW-0001029-23145-N	D1-TW-0000802-23145-N	D1-TW-0000810-23145-N	D1-TW-0000814-23145-N	D1-TW-0000815-23145-N	D1-TW-0000815-23145-3-N	D1-TW-0000938-23145-N
				Sample Date:	2023-07-06	2023-07-07	2023-08-29	2023-09-21	2023-09-22	2023-10-13	2023-10-13	2023-07-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Residences in Zone D1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-GRAH0507	D1-GRAH0509	D1-HUTT0910	D1-HUTT0918	D1-HUTT0922	D1-HUTT0923		D1-KAUF1504
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	507 Graham Court	509 Graham Court	910 Huttenberg Court	918 Huttenberg Court	922 Huttenberg Court	923 Huttenberg Court		1504 Kaufman Court
				Field Sample ID:	D1-TW-0001027-23145-N-T	D1-TW-0001029-23145-N	D1-TW-0000802-23145-N	D1-TW-0000810-23145-N	D1-TW-0000814-23145-N	D1-TW-0000815-23145-N	D1-TW-0000815-23145-3-N	D1-TW-0000938-23145-N
				Sample Date:	2023-07-06	2023-07-07	2023-08-29	2023-09-21	2023-09-22	2023-10-13	2023-10-13	2023-07-17
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	0.390	0.330	0.610
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.370	0.330	0.590
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	0.760	0.660	1.20

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		Location ID:	D1-KAUF1508	D1-KAUF1512	D1-KAUF1513	D1-KAUF1514	D1-LARS1900		D1-LARS1902	D1-MCMU1313	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	1508 Kaufman Court	1512 Kaufman Court	1513 Kaufman Court	1514 Kaufman Court	1900 Larson Court		1902 Larson Court	1313 McMurtry Court	
		Field Sample ID:	D1-TW-0000942-23145-N	D1-TW-0000946-23145-N-T	D1-TW-0000947-23145-N	D1-TW-0000948-23145-N	D1-TW-0000998-23145-N	D1-TW-0000998-23145-3-N	D1-TW-0001000-23145-N	D1-TW-0000921-23145-N	
		Sample Date:	2023-07-07	2023-07-12	2023-10-13	2023-10-26	2023-09-21	2023-09-21	2023-08-29	2023-08-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	200	480	370	500	590	590	620	1000
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	60.4	61.4	62.8	ND	85.3	66.7	78.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	60.4	61.4	62.8	ND	85.3	66.7	78.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.500	ND	ND
	Barium	2000	MCL	1.90	1.90	1.90	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	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.00	1.90	0.800	0.620	ND	ND	0.680	0.580
	Copper	1300	MCL	25.2	31.3	35.4	56.4	31.2	31.5	44.3	31.9
	Lead	15	MCL	0.410	0.170	ND	ND	ND	ND	0.180	0.150
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	1.40	1.60	1.60	1.80	1.60	1.80
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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Zone D1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-KAUF1508	D1-KAUF1512	D1-KAUF1513	D1-KAUF1514	D1-LARS1900		D1-LARS1902	D1-MCMU1313
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					1508 Kaufman Court	1512 Kaufman Court	1513 Kaufman Court	1514 Kaufman Court	1900 Larson Court		1902 Larson Court	1313 McMurtry Court
					D1-TW-0000942-23145-N	D1-TW-0000946-23145-N-T	D1-TW-0000947-23145-N	D1-TW-0000948-23145-N	D1-TW-0000998-23145-N	D1-TW-0000998-23145-3-N	D1-TW-0001000-23145-N	D1-TW-0000921-23145-N
					2023-07-07	2023-07-12	2023-10-13	2023-10-26	2023-09-21	2023-09-21	2023-08-29	2023-08-29
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone D1 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:	D1-KAUF1508	D1-KAUF1512	D1-KAUF1513	D1-KAUF1514	D1-LARS1900		D1-LARS1902	D1-MCMU1313
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	1508 Kaufman Court	1512 Kaufman Court	1513 Kaufman Court	1514 Kaufman Court	1900 Larson Court		1902 Larson Court	1313 McMurtry Court
				Field Sample ID:	D1-TW-0000942-23145-N	D1-TW-0000946-23145-N-T	D1-TW-0000947-23145-N	D1-TW-0000948-23145-N	D1-TW-0000998-23145-N	D1-TW-0000998-23145-3-N	D1-TW-0001000-23145-N	D1-TW-0000921-23145-N
				Sample Date:	2023-07-07	2023-07-12	2023-10-13	2023-10-26	2023-09-21	2023-09-21	2023-08-29	2023-08-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.460
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	0.410
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND	ND	0.870

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		Location ID:	D1-MCMU1315	D1-MCMU1320	D1-MCMU1325	D1-SING0100	D1-SING0111	D1-SING0120	D1-SING0123	D1-SING0127	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1315 McMurtry Court	1320 McMurtry Court	1325 McMurtry Court	100 Singleton Court	111 Singleton Court	120 Singleton Court	123 Singleton Court	127 Singleton Court	
		Field Sample ID:	D1-TW-0000923-23145-N	D1-TW-0000928-23145-N	D1-TW-0000932-23145-N	D1-TW-0001038-23145-N	D1-TW-0001049-23145-N	D1-TW-0001058-23145-N	D1-TW-0001061-23145-N	D1-TW-0001065-23145-N	
		Sample Date:	2023-07-17	2023-07-07	2023-08-29	2023-07-17	2023-07-17	2023-11-21	2023-10-13	2023-07-12	
		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	500	480	610	290	410	380	360	240
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	56.1	58.1	65.4	57.8	67.2	81.8	ND	85.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	67.0	ND	ND	ND	ND	ND	90.7
	Petroleum Hydrocarbons, Total	266	ISP	56.1	125	65.4	57.8	67.2	81.8	ND	176
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.510	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	1.90	1.80	1.80	1.90	1.90	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.10	2.00	0.570	1.20	1.20	1.20	0.790	1.90
	Copper	1300	MCL	36.8	39.7	59.5	77.0	48.8	66.5	30.1	42.2
	Lead	15	MCL	0.630	ND	ND	0.530	0.260	0.300	ND	0.180
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.70	ND	1.60	2.00	1.50	2.30	1.30	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	D1-MCMU1315	D1-MCMU1320	D1-MCMU1325	D1-SING0100	D1-SING0111	D1-SING0120	D1-SING0123	D1-SING0127
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1315 McMurtry Court	1320 McMurtry Court	1325 McMurtry Court	100 Singleton Court	111 Singleton Court	120 Singleton Court	123 Singleton Court	127 Singleton Court
		Field Sample ID:	D1-TW-0000923-23145-N	D1-TW-0000928-23145-N	D1-TW-0000932-23145-N	D1-TW-0001038-23145-N	D1-TW-0001049-23145-N	D1-TW-0001058-23145-N	D1-TW-0001061-23145-N	D1-TW-0001065-23145-N
		Sample Date:	2023-07-17	2023-07-07	2023-08-29	2023-07-17	2023-07-17	2023-11-21	2023-10-13	2023-07-12
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	1.10	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Residences in Zone D1

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All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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		Location ID:	D1-MCMU1315	D1-MCMU1320	D1-MCMU1325	D1-SING0100	D1-SING0111	D1-SING0120	D1-SING0123	D1-SING0127
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1315 McMurtry Court	1320 McMurtry Court	1325 McMurtry Court	100 Singleton Court	111 Singleton Court	120 Singleton Court	123 Singleton Court	127 Singleton Court
		Field Sample ID:	D1-TW-0000923-23145-N	D1-TW-0000928-23145-N	D1-TW-0000932-23145-N	D1-TW-0001038-23145-N	D1-TW-0001049-23145-N	D1-TW-0001058-23145-N	D1-TW-0001061-23145-N	D1-TW-0001065-23145-N
		Sample Date:	2023-07-17	2023-07-07	2023-08-29	2023-07-17	2023-07-17	2023-11-21	2023-10-13	2023-07-12
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	1.10	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	12.4	ND	0.640	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	1.40	ND	ND	ND	0.380
	Total Trihalomethanes	80	MCL	ND	ND	13.8	ND	0.640	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
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		Location ID:	D1-TAUS1605	D1-THAT0614	D1-WAGO1704	D1-WAGO1711	D1-WAGO1712	D1-WAGO1713	D1-WTEA0800	D1-WTEA0803	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	1605 Taussig Court	614 Thatcher Court	1704 Wagoner Court	1711 Wagoner Court	1712 Wagoner Court	1713 Wagoner Court	800 West Teaff Court	803 West Teaff Court	
		Field Sample ID:	D1-TW-0000961-23145-N	D1-TW-0000833-23145-N	D1-TW-0000970-23145-N	D1-TW-0000977-23145-N	D1-TW-0000978-23145-N	D1-TW-0000979-23145-N	D1-TW-0000842-23145-N	D1-TW-0000845-23145-N	
		Sample Date:	2023-08-29	2023-10-25	2023-10-13	2023-10-25	2023-10-25	2023-07-12	2023-10-25	2023-08-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	770	280	340	90.0	330	350	200	490
Field Test (ppb)	Free Chlorine	4000	MCL	770	280	340	90.0	330	350	200	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	89.3	75.5	ND	73.2	53.8	52.1	79.2	81.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	89.3	75.5	ND	73.2	53.8	52.1	79.2	81.0
Metals (ppb)	Antimony	6	MCL	ND	ND	0.530	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	1.90	2.00	2.00	1.80	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.600	0.620	0.780	0.620	0.660	2.10	0.600	0.600
	Copper	1300	MCL	9.90	77.5	17.6	29.6	80.7	84.3	36.9	25.4
	Lead	15	MCL	0.140	ND	0.200	ND	ND	ND	0.300	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.90	1.20	1.90	1.50	ND	1.70	1.80
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Residences in Zone D1

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-- = No Information Available
N (Normal) = Full compliance sample
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		Location ID:	D1-TAUS1605	D1-THAT0614	D1-WAGO1704	D1-WAGO1711	D1-WAGO1712	D1-WAGO1713	D1-WTEA0800	D1-WTEA0803
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1605 Taussig Court	614 Thatcher Court	1704 Wagoner Court	1711 Wagoner Court	1712 Wagoner Court	1713 Wagoner Court	800 West Teaff Court	803 West Teaff Court
		Field Sample ID:	D1-TW-0000961-23145-N	D1-TW-0000833-23145-N	D1-TW-0000970-23145-N	D1-TW-0000977-23145-N	D1-TW-0000978-23145-N	D1-TW-0000979-23145-N	D1-TW-0000842-23145-N	D1-TW-0000845-23145-N
		Sample Date:	2023-08-29	2023-10-25	2023-10-13	2023-10-25	2023-10-25	2023-07-12	2023-10-25	2023-08-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		Location ID:	D1-TAUS1605	D1-THAT0614	D1-WAGO1704	D1-WAGO1711	D1-WAGO1712	D1-WAGO1713	D1-WTEA0800	D1-WTEA0803
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	1605 Taussig Court	614 Thatcher Court	1704 Wagoner Court	1711 Wagoner Court	1712 Wagoner Court	1713 Wagoner Court	800 West Teaff Court	803 West Teaff Court
		Field Sample ID:	D1-TW-0000961-23145-N	D1-TW-0000833-23145-N	D1-TW-0000970-23145-N	D1-TW-0000977-23145-N	D1-TW-0000978-23145-N	D1-TW-0000979-23145-N	D1-TW-0000842-23145-N	D1-TW-0000845-23145-N
		Sample Date:	2023-08-29	2023-10-25	2023-10-13	2023-10-25	2023-10-25	2023-07-12	2023-10-25	2023-08-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.260	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	3.80	0.280
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.40	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	5.46	0.280

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Location ID:	D1-WTEA0805
Location Type:	Residence
Address:	805 West Teaff Court
Field Sample ID:	D1-TW-0000847-23145-N
Sample Date:	2023-08-29
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	790
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	72.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	72.1
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	1.90
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	0.700
	Copper	1300	MCL	13.6
	Lead	15	MCL	ND
	Mercury	2	MCL	ND
	Selenium	50	MCL	1.90
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

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Zone D1 Long Term Monitoring
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Location ID:	D1-WTEA0805
Location Type:	Residence
Address:	805 West Teaff Court
Field Sample ID:	D1-TW-0000847-23145-N
Sample Date:	2023-08-29
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND
	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND

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Location ID:	D1-WTEA0805
Location Type:	Residence
Address:	805 West Teaff Court
Field Sample ID:	D1-TW-0000847-23145-N
Sample Date:	2023-08-29
Sample Type:	N (Normal)

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

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Schools in Zone D1

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

				Location ID: D1-BLDGD1-22						
				Location Type: School						
				Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22						
				Field Sample ID:	D1-TW-0015098-23145-N-1	D1-TW-0015098-23145-3-N-1	D1-TW-0015098-23145-N-5	D1-TW-0015098-23145-N-4	D1-TW-0015098-23145-N-2	D1-TW-0015098-23145-N-3
				Sample Date:	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Field Test (ppb)	Free Chlorine	4000	MCL	200-550	200-550	200-550	200-550	200-550	200-550	200-550
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	78.8	ND	ND	ND	89.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	78.8	ND	ND	ND	89.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.580	ND	ND	ND
	Barium	2000	MCL	1.90	1.90	2.00	1.90	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	135	135	11.5	73.7	86.3	23.7	23.7
	Lead	15	MCL	ND	ND	ND	0.140	0.320	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.80	1.60	1.80	1.80	1.80	1.70
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	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
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
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		Location ID:	D1-BLDGD1-22					
		Location Type:	School					
		Address:	PEARL HARBOR KAI ELEMENTARY, Building D1-22					
		Field Sample ID:	D1-TW-0015098-23145-N-1	D1-TW-0015098-23145-3-N-1	D1-TW-0015098-23145-N-5	D1-TW-0015098-23145-N-4	D1-TW-0015098-23145-N-2	D1-TW-0015098-23145-N-3
		Sample Date:	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Schools in Zone D1

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

				Location ID: D1-BLDGD1-22						
				Location Type: School						
				Address: PEARL HARBOR KAI ELEMENTARY, Building D1-22						
				Field Sample ID:	D1-TW-0015098-23145-N-1	D1-TW-0015098-23145-3-N-1	D1-TW-0015098-23145-N-5	D1-TW-0015098-23145-N-4	D1-TW-0015098-23145-N-2	D1-TW-0015098-23145-N-3
				Sample Date:	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21	2023-09-21
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	0.370	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.330	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.700	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-BLDG0204		D1-BLDG0930	
				650-850	650-850	330-460	330-460
Field Test (ppb)	Free Chlorine	4000	MCL	650-850	650-850	330-460	330-460
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	79.3	88.8	64.5	64.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	79.3	88.8	64.5	64.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	1.80	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	0.610	0.560	2.00	2.00
	Copper	1300	MCL	13.0	23.1	49.5	77.4
	Lead	15	MCL	ND	ND	1.10	0.130
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.60	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0190	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Naphthalene	17	EAL	ND	ND	ND	ND	

Summary of Chemistry Results
 Zone D1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D1-BLDG0204		Location ID: D1-BLDG0930	
				Location Type: Child Development Center	Address: Building 204,MWR CHILD CARE CENTER (KIDS COVE)	Location Type: Child Development Center	Address: Building 930,CHILD DEVELOPMENT CENTER (HALE MOKU)
				Field Sample ID: D1-TW-0015067-23145-N-1	Field Sample ID: D1-TW-0015067-23145-N-2	Field Sample ID: D1-TW-0015074-23145-N-1	Field Sample ID: D1-TW-0015074-23145-N-2
				Sample Date: 2023-08-29	Sample Date: 2023-08-29	Sample Date: 2023-06-27	Sample Date: 2023-06-27
				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
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D1-BLDG0204		Location ID: D1-BLDG0930	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location Type: Child Development Center Address: Building 204, MWR CHILD CARE CENTER (KIDS COVE)		Location Type: Child Development Center Address: Building 930, CHILD DEVELOPMENT CENTER (HALE MOKU)	
				D1-TW-0015067-23145-N-1	2023-08-29	D1-TW-0015067-23145-N-2	2023-08-29
				N (Normal)		N (Normal)	
				D1-TW-0015074-23145-N-1	2023-06-27	D1-TW-0015074-23145-N-2	2023-06-27
				N (Normal)		N (Normal)	
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-BLDG1338	D1-BLDG1631
Field Test (ppb)	Free Chlorine	4000	MCL	410	670
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	62.3	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	62.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	1.80	2.20
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	2.10	0.580
	Copper	1300	MCL	60.3	44.6
	Lead	15	MCL	ND	ND
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	2.20	2.00
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

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone D1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location Information	
				Location ID	Location Type
				D1-BLDG1338	D1-BLDG1631
				Non-Residence	Non-Residence
				Building 1338, FITNESS CENTER, 1338 North Rd	Building 1631, COMNAVSURF GRU, MIDPAC
				D1-TW-0015086- 23145-N-T	D1-TW-0015113- 23145-N
				2023-07-06	2023-10-25
				N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID	Location Type
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
Trichloroethene (TCE)	5	MCL	ND	ND	
Vinyl chloride	2	MCL	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Other Buildings in Zone D1

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

Location ID:	D1-BLDG1338	D1-BLDG1631
Location Type:	Non-Residence	Non-Residence
Address:	Building 1338, FITNESS CENTER, 1338 North Rd	Building 1631, COMNAVSURF GRU, MIDPAC
Field Sample ID:	D1-TW-0015086- 23145-N-T	D1-TW-0015113- 23145-N
Sample Date:	2023-07-06	2023-10-25
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D1-BLDG1338	D1-BLDG1631
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	ND	0.360
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	0.290
	Total Trihalomethanes	80	MCL	ND	0.650

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone D1

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

		Location ID:	D1-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH ID: 436	FH ID: 714	FH ID: 731	FH ID: 748	FH ID: 771	FH ID: 768	
		Field Sample ID:	D1-DL-0017564-23145 -N	D1-DL-0017563-23145 -N	D1-DL-0017561-23145 -N-T	D1-DL-0017565-23145 -N	D1-DL-0017562-23145 -N	D1-DL-0000548-23145 -N	
		Sample Date:	2023-10-13	2023-10-13	2023-07-06	2023-10-13	2023-10-13	2023-10-13	
		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	120	600	460	340	200	250
Field Test (ppb)	Free Chlorine	4000	MCL	120	600	460	340	200	250
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	56.2	ND	82.8	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	56.2	ND	82.8	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	13.6	1.90	2.30	2.00	3.10	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	0.740	2.00	0.770	0.780	0.740
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	1.50	2.40	1.40	1.10	1.20
	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	0.0280	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone D1

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

		Location ID:	D1-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH ID: 436	FH ID: 714	FH ID: 731	FH ID: 748	FH ID: 771	FH ID: 768	
		Field Sample ID:	D1-DL-0017564-23145 -N	D1-DL-0017563-23145 -N	D1-DL-0017561-23145 -N-T	D1-DL-0017565-23145 -N	D1-DL-0017562-23145 -N	D1-DL-0000548-23145 -N	
		Sample Date:	2023-10-13	2023-10-13	2023-07-06	2023-10-13	2023-10-13	2023-10-13	
		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	D1-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835
Volatile Organic Compounds (ppb)	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	
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	1.10	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	1.10	ND

Summary of Chemistry Results
Zone D1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone D1

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

		Location ID:	D1-HYD2237	D1-HYD714	D1-HYD731	D1-HYD748	D1-HYD771	D1-HYD835	
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	
		Address:	FH ID: 436	FH ID: 714	FH ID: 731	FH ID: 748	FH ID: 771	FH ID: 768	
		Field Sample ID:	D1-DL-0017564-23145 -N	D1-DL-0017563-23145 -N	D1-DL-0017561-23145 -N-T	D1-DL-0017565-23145 -N	D1-DL-0017562-23145 -N	D1-DL-0000548-23145 -N	
		Sample Date:	2023-10-13	2023-10-13	2023-07-06	2023-10-13	2023-10-13	2023-10-13	
		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						
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.310	ND	ND	ND	0.770	ND
	Bromoform	--	--	4.60	ND	ND	ND	2.40	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.950	ND	ND	ND	2.00	ND
	Total Trihalomethanes	80	MCL	5.86	ND	ND	ND	5.17	ND