

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
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		Location ID:	F1-ASHE4005	F1-BENN5510	F1-BENN5513	F1-BENN5514	F1-BENN5515	F1-BENN5516	F1-BENN5519	F1-BENN5554	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4005 Asher Court	5510 Bennion Drive	5513 Bennion Drive	5514 Bennion Drive	5515 Bennion Drive	5516 Bennion Drive	5519 Bennion Drive	5554 Bennion Drive	
		Field Sample ID:	F1-TW-0008948-22160-N	F1-TW-0008968-22160-N	F1-TW-0008970-22160-N	F1-TW-0008971-22160-N	F1-TW-0008711-22160-N	F1-TW-0000290-22160-N	F1-TW-0008714-22160-N	F1-TW-0008598-22160-N	
		Sample Date:	2022-06-28	2022-09-15	2022-09-15	2022-09-14	2022-09-14	2022-09-12	2022-09-15	2022-06-30	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	300	360	340	330	300	180	220	360
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	77.6	ND	76.1	80.0	ND	83.2	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	82.7	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	77.6	ND	159	80.0	ND	83.2	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.00	2.00	2.10	2.10	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	0.940	1.70	1.80	1.90	1.80	1.90	2.00	1.30
	Copper	1300	MCL	18.5	67.0	15.2	22.3	33.3	58.9	63.7	77.2
	Lead	15	MCL	ND	0.220	ND	ND	0.480	0.160	ND	0.620
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.510	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	0.400	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:	F1-ASHE4005	F1-BENN5510	F1-BENN5513	F1-BENN5514	F1-BENN5515	F1-BENN5516	F1-BENN5519	F1-BENN5554
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4005 Asher Court	5510 Bennion Drive	5513 Bennion Drive	5514 Bennion Drive	5515 Bennion Drive	5516 Bennion Drive	5519 Bennion Drive	5554 Bennion Drive
		Field Sample ID:	F1-TW-0008948-22160-N	F1-TW-0008968-22160-N	F1-TW-0008970-22160-N	F1-TW-0008971-22160-N	F1-TW-0008711-22160-N	F1-TW-0000290-22160-N	F1-TW-0008714-22160-N	F1-TW-0008598-22160-N
		Sample Date:	2022-06-28	2022-09-15	2022-09-15	2022-09-14	2022-09-14	2022-09-12	2022-09-15	2022-06-30
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4005 Asher Court	5510 Bennion Drive	5513 Bennion Drive	5514 Bennion Drive	5515 Bennion Drive	5516 Bennion Drive	5519 Bennion Drive	5554 Bennion Drive
		Field Sample ID:	F1-TW-0008948-22160-N	F1-TW-0008968-22160-N	F1-TW-0008970-22160-N	F1-TW-0008971-22160-N	F1-TW-0008711-22160-N	F1-TW-0000290-22160-N	F1-TW-0008714-22160-N	F1-TW-0008598-22160-N
		Sample Date:	2022-06-28	2022-09-15	2022-09-15	2022-09-14	2022-09-14	2022-09-12	2022-09-15	2022-06-30
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.830	0.680	0.600	0.370	ND	0.480	0.940
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.340	0.440	ND	0.260	0.310	0.450
	Total Trihalomethanes	80	MCL	0.830	1.02	1.04	0.370	0.260	0.790	1.39

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		Location ID:	F1-BENN5585	F1-BENN5589	F1-BENN5601	F1-CAKO4505	F1-CAKO4508	F1-CLAR4407	F1-CLAR4415	F1-FUQU5202	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5585 Bennion Drive	5589 Bennion Drive	5601 Bennion Court	4505 Cakon Place	4508 Cakon Place	4407 Clarey Boulevard	4415 Clarey Boulevard	5202 Fuqua Lane	
		Field Sample ID:	F1-TW-0008692-22160-N	F1-TW-0008696-22160-N	F1-TW-0000356-22160-N	F1-TW-0008728-22160-N	F1-TW-0008731-22160-N	F1-TW-0009178-22160-N	F1-TW-0009185-22160-N	F1-TW-0009214-22160-N	
		Sample Date:	2022-06-29	2022-07-28	2022-06-29	2022-07-28	2022-09-15	2022-08-01	2022-09-06	2022-08-01	
		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	120	390	290	300	270	130	190	460
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	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.10	1.80	2.00	2.00	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	1.20	1.00	1.20	1.10	1.70	1.40	1.80	1.40
	Copper	1300	MCL	75.8	31.2	54.1	37.4	72.4	55.1	38.4	70.0
	Lead	15	MCL	ND	0.210	ND	ND	0.170	0.140	ND	0.220
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0580	ND
	Selenium	50	MCL	0.390	0.560	0.470	0.600	ND	0.510	ND	0.530
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:	F1-BENN5585	F1-BENN5589	F1-BENN5601	F1-CAKO4505	F1-CAKO4508	F1-CLAR4407	F1-CLAR4415	F1-FUQU5202
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5585 Bennion Drive	5589 Bennion Drive	5601 Bennion Court	4505 Cakon Place	4508 Cakon Place	4407 Clarey Boulevard	4415 Clarey Boulevard	5202 Fuqua Lane
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		Sample Date:	2022-06-29	2022-07-28	2022-06-29	2022-07-28	2022-09-15	2022-08-01	2022-09-06	2022-08-01
		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	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5585 Bennion Drive	5589 Bennion Drive	5601 Bennion Court	4505 Cakon Place	4508 Cakon Place	4407 Clarey Boulevard	4415 Clarey Boulevard	5202 Fuqua Lane
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		Sample Date:	2022-06-29	2022-07-28	2022-06-29	2022-07-28	2022-09-15	2022-08-01	2022-09-06	2022-08-01
		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	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	--	--	0.690	0.540	0.740	ND	0.910	0.530	0.510
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.460	ND	0.320
	Total Trihalomethanes	80	MCL	0.690	0.540	0.740	ND	1.37	0.530	0.830

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		Location ID:		F1-FUQU5212		F1-FUQU5215	F1-FUQU5221	F1-JONE4805	F1-JONE4808	F1-KIDD4909	F1-KIDD4920
		Location Type:		Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:		5212 Fuqua Lane		5215 Fuqua Lane	5221 Fuqua Lane	4805 Jones Court	4808 Jones Court	4909 Kidd Court	4920 Kidd Court
		Field Sample ID:		F1-TW-0008743-22160-3-N	F1-TW-0008743-22160-N	F1-TW-0008746-22160-N	F1-TW-0008751-22160-N	F1-TW-0008777-22160-N	F1-TW-0008778-22160-N	F1-TW-0008792-22160-N	F1-TW-0008798-22160-N
		Sample Date:		2022-07-29	2022-07-29	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-08-05	2022-07-29
		Sample Type:		FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	410	410	440	330	190	590	260	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	56.0	ND	65.6	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	56.0	ND	65.6	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.220	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.00	1.90	1.90	2.00	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.10	1.10	1.50	1.20	1.60	1.10	1.30	1.10
	Copper	1300	MCL	37.1	35.4	33.0	61.2	13.3	24.6	84.3	19.2
	Lead	15	MCL	0.290	0.210	0.190	0.310	0.150	0.210	0.390	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.610	0.440	0.480	0.680	0.520	0.610	0.450	0.430
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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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

		Location ID:	F1-FUQU5212		F1-FUQU5215	F1-FUQU5221	F1-JONE4805	F1-JONE4808	F1-KIDD4909	F1-KIDD4920
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5212 Fuqua Lane		5215 Fuqua Lane	5221 Fuqua Lane	4805 Jones Court	4808 Jones Court	4909 Kidd Court	4920 Kidd Court
		Field Sample ID:	F1-TW-0008743-22160-3-N	F1-TW-0008743-22160-N	F1-TW-0008746-22160-N	F1-TW-0008751-22160-N	F1-TW-0008777-22160-N	F1-TW-0008778-22160-N	F1-TW-0008792-22160-N	F1-TW-0008798-22160-N
		Sample Date:	2022-07-29	2022-07-29	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-08-05	2022-07-29
		Sample Type:	FD (Field Duplicate)	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 F1 Long Term Monitoring
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		Location ID:	F1-FUQU5212		F1-FUQU5215	F1-FUQU5221	F1-JONE4805	F1-JONE4808	F1-KIDD4909	F1-KIDD4920
		Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5212 Fuqua Lane		5215 Fuqua Lane	5221 Fuqua Lane	4805 Jones Court	4808 Jones Court	4909 Kidd Court	4920 Kidd Court
		Field Sample ID:	F1-TW-0008743-22160-3-N	F1-TW-0008743-22160-N	F1-TW-0008746-22160-N	F1-TW-0008751-22160-N	F1-TW-0008777-22160-N	F1-TW-0008778-22160-N	F1-TW-0008792-22160-N	F1-TW-0008798-22160-N
		Sample Date:	2022-07-29	2022-07-29	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-08-05	2022-07-29
		Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	1.10	6.00	ND	ND	0.680
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.510	0.840	ND	ND	0.520
	Total Trihalomethanes	80	MCL	ND	ND	1.61	6.84	ND	ND	1.20

**Summary of Chemistry Results
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		Location ID:		F1-KIDD4935		F1-KIDD5004		F1-KIDD5010	F1-KIDD5026	F1-MCMO5408	F1-MCMO5409
		Location Type:		Residence		Residence		Residence	Residence	Residence	Residence
		Address:		4935 Kidd Court		5004 Kidd Street		5010 Kidd Street	5026 Kidd Street	5408 McMorris Drive	5409 McMorris Drive
		Field Sample ID:		F1-TW-0008808-22160-3-N	F1-TW-0008808-22160-N	F1-TW-0008811-22160-3-N	F1-TW-0008811-22160-N	F1-TW-0008816-22160-N	F1-TW-0008825-22160-N	F1-TW-0008838-22160-N	F1-TW-0008839-22160-N
		Sample Date:		2022-06-29	2022-06-29	2022-08-01	2022-08-01	2022-07-29	2022-07-27	2022-07-29	2022-07-29
		Sample Type:		FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	500	500	200	200	330	240	420	410
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	98.2	56.7	66.7	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	98.2	56.7	66.7	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	0.530	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.10	2.00	2.00	2.00	2.00	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.30	1.40	1.60	1.00	1.20	1.00	1.00
	Copper	1300	MCL	70.9	72.1	23.9	23.5	60.9	56.7	65.6	41.0
	Lead	15	MCL	ND	ND	0.270	0.280	0.140	0.440	ND	0.620
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.10	1.00	0.440	0.580	0.490	0.460	0.540	0.640
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 F1 Long Term Monitoring
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		Location ID: F1-KIDD4935		F1-KIDD5004		F1-KIDD5010	F1-KIDD5026	F1-MCMO5408	F1-MCMO5409
		Location Type: Residence		Residence		Residence	Residence	Residence	Residence
		Address: 4935 Kidd Court		5004 Kidd Street		5010 Kidd Street	5026 Kidd Street	5408 McMorris Drive	5409 McMorris Drive
		Field Sample ID: F1-TW-0008808-22160-3-N	F1-TW-0008808-22160-N	F1-TW-0008811-22160-3-N	F1-TW-0008811-22160-N	F1-TW-0008816-22160-N	F1-TW-0008825-22160-N	F1-TW-0008838-22160-N	F1-TW-0008839-22160-N
		Sample Date: 2022-06-29	2022-06-29	2022-08-01	2022-08-01	2022-07-29	2022-07-27	2022-07-29	2022-07-29
		Sample Type: FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND
	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	
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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-KIDD4935		F1-KIDD5004		F1-KIDD5010	F1-KIDD5026	F1-MCMO5408	F1-MCMO5409
				Residence	Residence	Residence	Residence	Residence	Residence		
				4935 Kidd Court		5004 Kidd Street		5010 Kidd Street	5026 Kidd Street	5408 McMorris Drive	5409 McMorris Drive
				F1-TW-0008808-22160-3-N	F1-TW-0008808-22160-N	F1-TW-0008811-22160-3-N	F1-TW-0008811-22160-N	F1-TW-0008816-22160-N	F1-TW-0008825-22160-N	F1-TW-0008838-22160-N	F1-TW-0008839-22160-N
				2022-06-29	2022-06-29	2022-08-01	2022-08-01	2022-07-29	2022-07-27	2022-07-29	2022-07-29
				FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.640	ND	ND	ND	1.00	0.510	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.640	ND	ND	ND	1.00	0.510	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-MCMO5413		F1-MCMO5430	F1-MCMO5435	F1-MCMO5450	F1-MORE3102	F1-MORE3140	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	5413 McMorris Drive		5430 McMorris Drive	5435 McMorris Drive	5450 McMorris Drive	3102 Moreell Drive	3140 Moreell Drive	
				Field Sample ID:	F1-TW-0008841-22160-N	F1-TW-0008842-22160-3-N	F1-TW-0008842-22160-N	F1-TW-0008853-22160-N	F1-TW-0008858-22160-N	F1-TW-0008860-22160-N	F1-TW-0008997-22160-N	F1-TW-0009016-22160-N
				Sample Date:	2022-06-28	2022-08-02	2022-08-02	2022-09-13	2022-09-14	2022-07-28	2022-08-03	2022-09-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	440	380	380	340	400	220	460	200	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	50.8	ND	78.2	ND	59.2	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	50.8	ND	78.2	ND	59.2	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	2.00	1.90	2.00	2.50	2.10	2.00	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	1.00	1.40	1.30	2.00	1.80	1.30	1.30	1.70	
	Copper	1300	MCL	42.3	27.8	27.0	88.9	71.6	90.8	34.0	102	
	Lead	15	MCL	0.240	0.340	0.160	0.240	ND	0.240	0.800	0.610	
	Mercury	2	MCL	ND	ND	ND	ND	0.0300	ND	ND	ND	
	Selenium	50	MCL	0.630	0.480	0.390	ND	ND	0.510	0.500	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:	F1-MCMO5413		F1-MCMO5430	F1-MCMO5435	F1-MCMO5450	F1-MORE3102	F1-MORE3140	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	5413 McMorris Drive		5430 McMorris Drive	5435 McMorris Drive	5450 McMorris Drive	3102 Moreell Drive	3140 Moreell Drive	
				Field Sample ID:	F1-TW-0008841-22160-N	F1-TW-0008842-22160-3-N	F1-TW-0008842-22160-N	F1-TW-0008853-22160-N	F1-TW-0008858-22160-N	F1-TW-0008860-22160-N	F1-TW-0008997-22160-N	F1-TW-0009016-22160-N
				Sample Date:	2022-06-28	2022-08-02	2022-08-02	2022-09-13	2022-09-14	2022-07-28	2022-08-03	2022-09-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	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	
	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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-MCMO5413		F1-MCMO5430	F1-MCMO5435	F1-MCMO5450	F1-MORE3102	F1-MORE3140	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	5413 McMorris Drive		5430 McMorris Drive	5435 McMorris Drive	5450 McMorris Drive	3102 Moreell Drive	3140 Moreell Drive	
				Field Sample ID:	F1-TW-0008841-22160-N	F1-TW-0008842-22160-3-N	F1-TW-0008842-22160-N	F1-TW-0008853-22160-N	F1-TW-0008858-22160-N	F1-TW-0008860-22160-N	F1-TW-0008997-22160-N	F1-TW-0009016-22160-N
				Sample Date:	2022-06-28	2022-08-02	2022-08-02	2022-09-13	2022-09-14	2022-07-28	2022-08-03	2022-09-07
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	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	--	--	0.850	0.530	ND	0.410	0.450	ND	1.80	1.50	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	0.310	0.360	ND	0.760	0.270	
	Total Trihalomethanes	80	MCL	0.850	0.530	ND	0.720	0.810	ND	2.56	1.77	

**Summary of Chemistry Results
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3143		F1-MORE3146	F1-MORE3152	F1-PHAR4301	F1-PHAR4316	F1-PHAR4320							
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence	Field Sample ID:	Sample Date:	Sample Type:
				3143 Moreell Drive	3143 Moreell Drive	3146 Moreell Drive	3152 Moreell Drive	4301 Pharris Place	4316 Pharris Place	4320 Pharris Place							
				F1-TW-0009019-22160-3-N	F1-TW-0009019-22160-N	F1-TW-0009022-22160-N	F1-TW-0009026-22160-N	F1-TW-0009039-22160-N	F1-TW-0009054-22160-N	F1-TW-0009057-22160-3-N	F1-TW-0009057-22160-N						
				2022-07-29	2022-07-29	2022-09-14	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-06-28						
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)						
Field Test (ppb)	Free Chlorine	4000	MCL	1050	1050	370	430	400	420	410	410						
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	64.4	ND	ND	53.0	ND	54.9						
	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	64.4	ND	ND	53.0	ND	54.9						
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.160	ND	ND	ND						
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Barium	2000	MCL	2.10	1.90	2.00	2.10	2.20	2.00	1.90	1.90						
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Chromium	100	MCL	1.10	1.00	1.90	1.50	1.10	1.30	1.10	1.00						
	Copper	1300	MCL	29.5	30.8	68.6	53.0	95.3	91.7	47.0	45.1						
	Lead	15	MCL	ND	ND	0.820	0.730	0.250	ND	0.180	0.180						
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND						
	Selenium	50	MCL	0.510	0.450	ND	0.460	0.600	0.490	0.730	0.590						
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 F1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: F1-MORE3143		F1-MORE3146	F1-MORE3152	F1-PHAR4301	F1-PHAR4316	F1-PHAR4320	
				Location Type: Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address: 3143 Moreell Drive		3146 Moreell Drive	3152 Moreell Drive	4301 Pharris Place	4316 Pharris Place	4320 Pharris Place	
				Field Sample ID: F1-TW-0009019-22160-3-N	F1-TW-0009019-22160-N	F1-TW-0009022-22160-N	F1-TW-0009026-22160-N	F1-TW-0009039-22160-N	F1-TW-0009054-22160-N	F1-TW-0009057-22160-3-N	F1-TW-0009057-22160-N
				Sample Date: 2022-07-29	2022-07-29	2022-09-14	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-06-28
				Sample Type: FD (Field Duplicate)	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
	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 F1 Long Term Monitoring
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	F1-MORE3143		F1-MORE3146	F1-MORE3152	F1-PHAR4301	F1-PHAR4316	F1-PHAR4320	
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
				Residence		Residence	Residence	Residence	Residence	Residence	
				3143 Moreell Drive		3146 Moreell Drive	3152 Moreell Drive	4301 Pharris Place	4316 Pharris Place	4320 Pharris Place	
				F1-TW-0009019-22160-3-N	F1-TW-0009019-22160-N	F1-TW-0009022-22160-N	F1-TW-0009026-22160-N	F1-TW-0009039-22160-N	F1-TW-0009054-22160-N	F1-TW-0009057-22160-3-N	F1-TW-0009057-22160-N
				2022-07-29	2022-07-29	2022-09-14	2022-08-01	2022-07-29	2022-08-02	2022-06-28	2022-06-28
				FD (Field Duplicate)	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
	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	--	--	ND	0.600	0.420	ND	0.510	0.710	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.270	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.600	0.690	ND	0.510	0.710	ND	ND

**Summary of Chemistry Results
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		Location ID:	F1-REEV4716	F1-REEV4719	F1-REEV4761	F1-REEV4767	F1-ROOD4107	F1-ROOD4125	F1-ROOD4133	F1-ROSS4433	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4716 Reeves Loop	4719 Reeves Loop	4761 Reeves Loop	4767 Reeves Loop	4107 Rood Court	4125 Rood Court	4133 Rood Court	4433 Ross Court	
		Field Sample ID:	F1-TW-0009068-22160-N	F1-TW-0009071-22160-N	F1-TW-0009097-22160-N	F1-TW-0009101-22160-N	F1-TW-0009107-22160-N	F1-TW-0009115-22160-N	F1-TW-0009119-22160-N	F1-TW-0009126-22160-N	
		Sample Date:	2022-06-29	2022-10-05	2022-07-27	2022-09-14	2022-06-29	2022-06-28	2022-08-02	2022-09-06	
		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	190	340	470	450	420	390	450	410
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	55.5	ND	ND	ND	55.9	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	55.5	ND	ND	ND	55.9	ND	ND
Metals (ppb)	Antimony	6	MCL	0.180	ND	ND	ND	0.180	ND	ND	ND
	Arsenic	10	MCL	0.580	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.20	1.90	2.10	2.10	2.00	2.00	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	1.30	1.90	1.20	1.80	1.10	0.980	1.40	1.70
	Copper	1300	MCL	25.2	75.2	61.0	47.5	29.0	30.2	32.9	49.6
	Lead	15	MCL	0.500	ND	ND	0.240	0.150	0.410	2.00	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.30	ND	0.370	ND	0.400	0.470	0.510	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	0.0750	ND	ND	ND	0.0610	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 F1 Long Term Monitoring
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		Location ID:	F1-REEV4716	F1-REEV4719	F1-REEV4761	F1-REEV4767	F1-ROOD4107	F1-ROOD4125	F1-ROOD4133	F1-ROSS4433
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4716 Reeves Loop	4719 Reeves Loop	4761 Reeves Loop	4767 Reeves Loop	4107 Rood Court	4125 Rood Court	4133 Rood Court	4433 Ross Court
		Field Sample ID:	F1-TW-0009068-22160-N	F1-TW-0009071-22160-N	F1-TW-0009097-22160-N	F1-TW-0009101-22160-N	F1-TW-0009107-22160-N	F1-TW-0009115-22160-N	F1-TW-0009119-22160-N	F1-TW-0009126-22160-N
		Sample Date:	2022-06-29	2022-10-05	2022-07-27	2022-09-14	2022-06-29	2022-06-28	2022-08-02	2022-09-06
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	F1-REEV4716	F1-REEV4719	F1-REEV4761	F1-REEV4767	F1-ROOD4107	F1-ROOD4125	F1-ROOD4133	F1-ROSS4433
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4716 Reeves Loop	4719 Reeves Loop	4761 Reeves Loop	4767 Reeves Loop	4107 Rood Court	4125 Rood Court	4133 Rood Court	4433 Ross Court
		Field Sample ID:	F1-TW-0009068-22160-N	F1-TW-0009071-22160-N	F1-TW-0009097-22160-N	F1-TW-0009101-22160-N	F1-TW-0009107-22160-N	F1-TW-0009115-22160-N	F1-TW-0009119-22160-N	F1-TW-0009126-22160-N
		Sample Date:	2022-06-29	2022-10-05	2022-07-27	2022-09-14	2022-06-29	2022-06-28	2022-08-02	2022-09-06
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.990	0.310	ND	0.280	ND	0.590	0.530
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.260
	Total Trihalomethanes	80	MCL	0.990	0.310	ND	0.280	ND	0.590	0.530

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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:	F1-TAYL3415	F1-TAYL3419	F1-TAYL3420		F1-TAYL3423	F1-TAYL3428	F1-TAYL3466	F1-TAYL3467	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	3415 Taylor Street	3419 Taylor Street	3420 Taylor Street		3423 Taylor Street	3428 Taylor Street	3466 Taylor Street	3467 Taylor Street	
		Field Sample ID:	F1-TW-0009158-22160-N	F1-TW-0009162-22160-N	F1-TW-0009163-22160-3-N	F1-TW-0009163-22160-N	F1-TW-0009166-22160-N	F1-TW-0008544-22160-N	F1-TW-0008562-22160-N	F1-TW-0008563-22160-3-N	
		Sample Date:	2022-08-01	2022-08-02	2022-06-30	2022-06-30	2022-08-01	2022-08-03	2022-06-29	2022-06-28	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	420	490	390	390	270	440	340	350
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	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	53.9	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	53.9	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.10	2.00	2.10	2.80	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	1.40	1.40	1.40	1.60	1.50	ND	1.30	1.10
	Copper	1300	MCL	24.7	21.3	26.6	28.3	38.9	8.70	51.4	31.1
	Lead	15	MCL	0.190	0.240	ND	ND	0.950	0.960	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.540	0.470	ND	0.500	0.550	0.520	0.600	0.570
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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

Notes:
ND = Not Detected
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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:	F1-TAYL3415	F1-TAYL3419	F1-TAYL3420		F1-TAYL3423	F1-TAYL3428	F1-TAYL3466	F1-TAYL3467
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	3415 Taylor Street	3419 Taylor Street	3420 Taylor Street		3423 Taylor Street	3428 Taylor Street	3466 Taylor Street	3467 Taylor Street
				Field Sample ID:	F1-TW-0009158-22160-N	F1-TW-0009162-22160-N	F1-TW-0009163-22160-3-N	F1-TW-0009163-22160-N	F1-TW-0009166-22160-N	F1-TW-0008544-22160-N	F1-TW-0008562-22160-N	F1-TW-0008563-22160-3-N
				Sample Date:	2022-08-01	2022-08-02	2022-06-30	2022-06-30	2022-08-01	2022-08-03	2022-06-29	2022-06-28
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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

		Location ID:	F1-TAYL3415	F1-TAYL3419	F1-TAYL3420		F1-TAYL3423	F1-TAYL3428	F1-TAYL3466	F1-TAYL3467
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	3415 Taylor Street	3419 Taylor Street	3420 Taylor Street		3423 Taylor Street	3428 Taylor Street	3466 Taylor Street	3467 Taylor Street
		Field Sample ID:	F1-TW-0009158-22160-N	F1-TW-0009162-22160-N	F1-TW-0009163-22160-3-N	F1-TW-0009163-22160-N	F1-TW-0009166-22160-N	F1-TW-0008544-22160-N	F1-TW-0008562-22160-N	F1-TW-0008563-22160-3-N
		Sample Date:	2022-08-01	2022-08-02	2022-06-30	2022-06-30	2022-08-01	2022-08-03	2022-06-29	2022-06-28
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.990	0.870	ND	0.590	0.780	0.650	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.580	ND	ND	ND	ND	0.680	ND
	Total Trihalomethanes	80	MCL	1.57	0.870	ND	0.590	0.780	1.33	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample

		Location ID:	F1-TAYL3467	F1-TAYL3475	F1-TAYL3477	F1-TAYL3479	F1-TAYL3490	F1-TAYL3494	F1-THOM4201	F1-TOMI3180	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3467 Taylor Street	3475 Taylor Street	3477 Taylor Street	3479 Taylor Street	3490 Taylor Street	3494 Taylor Street	4201 Thomas Way	3180 Tomich Court	
		Field Sample ID:	F1-TW-0008563-22160-N	F1-TW-0008571-22160-N	F1-TW-0008572-22160-N	F1-TW-0000331-22160-N	F1-TW-0008583-22160-N	F1-TW-0008879-22160-N	F1-TW-0008883-22160-N	F1-TW-0008902-22160-3-N	
		Sample Date:	2022-06-28	2022-07-28	2022-06-29	2022-06-30	2022-09-09	2022-06-28	2022-06-29	2022-08-05	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	350	300	500	370	230	240	530	110
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	52.4	ND	ND	ND	ND	51.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	52.4	ND	ND	ND	ND	51.0
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.130	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	1.90	2.00	2.00	2.10	2.00	2.10	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	1.00	1.10	1.30	1.30	1.50	1.10	1.30	1.40
	Copper	1300	MCL	32.6	89.7	76.8	32.0	26.1	25.1	28.3	117
	Lead	15	MCL	ND	0.180	3.90	0.170	ND	ND	1.10	0.240
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.700	0.490	0.560	0.400	ND	0.890	0.920	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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

		Location ID:	F1-TAYL3467	F1-TAYL3475	F1-TAYL3477	F1-TAYL3479	F1-TAYL3490	F1-TAYL3494	F1-THOM4201	F1-TOMI3180
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3467 Taylor Street	3475 Taylor Street	3477 Taylor Street	3479 Taylor Street	3490 Taylor Street	3494 Taylor Street	4201 Thomas Way	3180 Tomich Court
		Field Sample ID:	F1-TW-0008563-22160-N	F1-TW-0008571-22160-N	F1-TW-0008572-22160-N	F1-TW-0000331-22160-N	F1-TW-0008583-22160-N	F1-TW-0008879-22160-N	F1-TW-0008883-22160-N	F1-TW-0008902-22160-3-N
		Sample Date:	2022-06-28	2022-07-28	2022-06-29	2022-06-30	2022-09-09	2022-06-28	2022-06-29	2022-08-05
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	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
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		Location ID:	F1-TAYL3467	F1-TAYL3475	F1-TAYL3477	F1-TAYL3479	F1-TAYL3490	F1-TAYL3494	F1-THOM4201	F1-TOMI3180
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3467 Taylor Street	3475 Taylor Street	3477 Taylor Street	3479 Taylor Street	3490 Taylor Street	3494 Taylor Street	4201 Thomas Way	3180 Tomich Court
		Field Sample ID:	F1-TW-0008563-22160-N	F1-TW-0008571-22160-N	F1-TW-0008572-22160-N	F1-TW-0000331-22160-N	F1-TW-0008583-22160-N	F1-TW-0008879-22160-N	F1-TW-0008883-22160-N	F1-TW-0008902-22160-3-N
		Sample Date:	2022-06-28	2022-07-28	2022-06-29	2022-06-30	2022-09-09	2022-06-28	2022-06-29	2022-08-05
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.60	ND	2.40	2.10	ND	0.850	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.660	0.780	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.60	ND	3.06	2.88	ND	0.850	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
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FD (Field Duplicate) = Extra sample taken for quality control
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		Location ID:	F1-TOMI3180	F1-TOMI3194	F1-TOMI3197	F1-TOMI3201	F1-TOMI3220	F1-TOMI3235	F1-TOMI3240	F1-WARD5105	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3180 Tomich Court	3194 Tomich Court	3197 Tomich Court	3201 Tomich Court	3220 Tomich Court	3235 Tomich Court	3240 Tomich Court	5105 Warden Court	
		Field Sample ID:	F1-TW-0008902-22160-N	F1-TW-0008620-22160-N	F1-TW-0008622-22160-N	F1-TW-0008625-22160-N	F1-TW-0008644-22160-N	F1-TW-0008921-22160-N	F1-TW-0008924-22160-N	F1-TW-0008934-22160-N	
		Sample Date:	2022-08-05	2022-07-06	2022-09-07	2022-06-28	2022-07-28	2022-09-07	2022-07-29	2022-06-28	
		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	110	350	460	200	460	150	120	480
Field Test (ppb)	Free Chlorine	4000	MCL	110	350	460	200	460	150	120	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	310	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	72.8	ND	ND	ND	63.1	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	72.8	ND	ND	ND	63.1	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.10	1.90	2.10	2.00	1.90	2.20	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	1.50	0.970	1.80	1.20	1.10	1.80	1.10	1.20
	Copper	1300	MCL	121	78.3	26.1	31.9	48.6	95.0	98.7	48.9
	Lead	15	MCL	0.240	ND	0.740	0.130	1.80	2.00	0.230	0.400
	Mercury	2	MCL	ND	ND	ND	0.0500	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	1.50	0.520	ND	0.450	0.450
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	0.480	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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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:	F1-TOMI3180	F1-TOMI3194	F1-TOMI3197	F1-TOMI3201	F1-TOMI3220	F1-TOMI3235	F1-TOMI3240	F1-WARD5105
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3180 Tomich Court	3194 Tomich Court	3197 Tomich Court	3201 Tomich Court	3220 Tomich Court	3235 Tomich Court	3240 Tomich Court	5105 Warden Court
		Field Sample ID:	F1-TW-0008902-22160-N	F1-TW-0008620-22160-N	F1-TW-0008622-22160-N	F1-TW-0008625-22160-N	F1-TW-0008644-22160-N	F1-TW-0008921-22160-N	F1-TW-0008924-22160-N	F1-TW-0008934-22160-N
		Sample Date:	2022-08-05	2022-07-06	2022-09-07	2022-06-28	2022-07-28	2022-09-07	2022-07-29	2022-06-28
		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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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		Location ID:	F1-TOMI3180	F1-TOMI3194	F1-TOMI3197	F1-TOMI3201	F1-TOMI3220	F1-TOMI3235	F1-TOMI3240	F1-WARD5105
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3180 Tomich Court	3194 Tomich Court	3197 Tomich Court	3201 Tomich Court	3220 Tomich Court	3235 Tomich Court	3240 Tomich Court	5105 Warden Court
		Field Sample ID:	F1-TW-0008902-22160-N	F1-TW-0008620-22160-N	F1-TW-0008622-22160-N	F1-TW-0008625-22160-N	F1-TW-0008644-22160-N	F1-TW-0008921-22160-N	F1-TW-0008924-22160-N	F1-TW-0008934-22160-N
		Sample Date:	2022-08-05	2022-07-06	2022-09-07	2022-06-28	2022-07-28	2022-09-07	2022-07-29	2022-06-28
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.650	ND	0.730	0.870	0.550	0.740	1.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.360	ND	ND	0.430	0.580
	Total Trihalomethanes	80	MCL	0.650	ND	1.09	0.870	0.550	1.17	1.68

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-WARD5113		F1-WARD5129	F1-WARD5141	F1-WARD5179	
				Location Type:	Residence		Residence	Residence	Residence	
				Address:	5113 Warden Court		5129 Warden Court	5141 Warden Court	5179 Warden Court	
				Field Sample ID:	F1-TW-0008936-22160-N	F1-TW-0008937-22160-3-N	F1-TW-0008937-22160-N	F1-TW-0008945-22160-N	F1-TW-0000354-22160-N	F1-TW-0008684-22160-N
				Sample Date:	2022-06-28	2022-09-14	2022-09-14	2022-06-28	2022-10-05	2022-10-05
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	350	420	420	440	230	380	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	66.3	ND	51.5	59.6	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	66.3	ND	51.5	59.6	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.90	2.00	2.00	1.90	2.10	2.20	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.10	1.80	1.80	1.10	1.80	1.90	
	Copper	1300	MCL	58.0	24.9	25.9	34.4	31.6	10.1	
	Lead	15	MCL	1.10	0.210	0.260	0.700	0.550	0.180	
	Mercury	2	MCL	0.0410	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.660	ND	ND	0.500	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	
	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	1.00	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	
	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	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	F1-WARD5113		F1-WARD5129	F1-WARD5141	F1-WARD5179
				F1-WARD5111	Residence		Residence	Residence	Residence
				Residence	Residence		Residence	Residence	Residence
				5111 Warden Court	5113 Warden Court		5129 Warden Court	5141 Warden Court	5179 Warden Court
				F1-TW-0008936-22160-N	F1-TW-0008937-22160-3-N	F1-TW-0008937-22160-N	F1-TW-0008945-22160-N	F1-TW-0000354-22160-N	F1-TW-0008684-22160-N
				2022-06-28	2022-09-14	2022-09-14	2022-06-28	2022-10-05	2022-10-05
				N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	--	ND	ND	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Residences in Zone F1

Notes:
ND = Not Detected
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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:	F1-WARD5113		F1-WARD5129	F1-WARD5141	F1-WARD5179	
				Location Type:	Residence		Residence	Residence	Residence	
				Address:	5113 Warden Court		5129 Warden Court	5141 Warden Court	5179 Warden Court	
				Field Sample ID:	F1-TW-0008936-22160-N	F1-TW-0008937-22160-3-N	F1-TW-0008937-22160-N	F1-TW-0008945-22160-N	F1-TW-0000354-22160-N	F1-TW-0008684-22160-N
				Sample Date:	2022-06-28	2022-09-14	2022-09-14	2022-06-28	2022-10-05	2022-10-05
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	--	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	--	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	1.10	ND	0.280	ND	0.310	0.970	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	0.270	ND	0.270	0.640	
	Total Trihalomethanes	80	MCL	1.10	ND	0.550	ND	0.580	1.61	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Schools in Zone F1

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: F1-MOAN001					
				Location Type: School					
				Address: Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI					
				Field Sample ID:	F1-TW-0017726-22160-N-1	F1-TW-0017726-22160-N-2	F1-TW-0017726-22160-N-3	F1-TW-0017726-22160-N-4	F1-TW-0017726-22160-N-5
				Sample Date:	2022-08-24	2022-08-24	2022-08-24	2022-08-24	2022-08-24
				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	260-540	260-540	260-540	260-540	260-540	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	61.5	ND	55.8	62.6	
	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	61.5	ND	55.8	62.6	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.90	1.90	1.90	1.90	1.90	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.30	1.30	1.30	1.30	1.40	
	Copper	1300	MCL	180	19.1	28.4	143	11.3	
	Lead	15	MCL	1.60	0.290	0.220	0.170	0.130	
	Mercury	2	MCL	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.340	0.370	0.330	0.370	0.380	
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
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Schools in Zone F1

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ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant 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: F1-MOAN001						
		Location Type: School						
		Address: Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI						
		Field Sample ID:	F1-TW-0017726-22160-N-1	F1-TW-0017726-22160-N-2	F1-TW-0017726-22160-N-3	F1-TW-0017726-22160-N-4	F1-TW-0017726-22160-N-5	
		Sample Date:	2022-08-24	2022-08-24	2022-08-24	2022-08-24	2022-08-24	2022-08-24
		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)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	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	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Schools in Zone F1

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: F1-MOAN001						
		Location Type: School						
		Address: Pearl Harbor Elementary School 1 Moanalua Ridge, Honolulu, HI						
		Field Sample ID:	F1-TW-0017726-22160-N-1	F1-TW-0017726-22160-N-2	F1-TW-0017726-22160-N-3	F1-TW-0017726-22160-N-4	F1-TW-0017726-22160-N-5	
		Sample Date:	2022-08-24	2022-08-24	2022-08-24	2022-08-24	2022-08-24	
		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	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.290	ND	0.290	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.290	ND	0.290	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Child Development Centers in Zone F1

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: F1-BOUG4857		
				Location Type: Child Development Center		
				Address: Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu		
				Field Sample ID:	F1-TW-0014170-22160-N-1	F1-TW-0014170-22160-N-2
				Sample Date:	2022-09-15	2022-09-15
				Sample Type:	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Field Test (ppb)	Free Chlorine	4000	MCL	370-500	370-500	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	
	Arsenic	10	MCL	ND	ND	
	Barium	2000	MCL	2.00	2.20	
	Beryllium	4	MCL	ND	ND	
	Cadmium	5	MCL	ND	ND	
	Chromium	100	MCL	2.10	2.20	
	Copper	1300	MCL	4.80	4.50	
	Lead	15	MCL	ND	0.190	
	Mercury	2	MCL	ND	ND	
	Selenium	50	MCL	ND	ND	
	Thallium	2	MCL	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	
	Naphthalene	17	EAL	ND	ND	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Child Development Centers in Zone F1

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:	F1-BOUG4857	
Location Type:	Child Development Center	
Address:	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	
Field Sample ID:	F1-TW-0014170- 22160-N-1	F1-TW-0014170- 22160-N-2
Sample Date:	2022-09-15	2022-09-15
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
trans-1,2-Dichloroethene	100	MCL	ND	ND	
Trichloroethene (TCE)	5	MCL	ND	ND	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Child Development Centers in Zone F1

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:	F1-BOUG4857	
Location Type:	Child Development Center	
Address:	Moanalua Pre-School - Kamaaina Kids - 4857 Bougainville Dr, Honolulu	
Field Sample ID:	F1-TW-0014170- 22160-N-1	F1-TW-0014170- 22160-N-2
Sample Date:	2022-09-15	2022-09-15
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	ND	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG0062	F1-BLDG0063	F1-BLDG0082	F1-BLDG0270	F1-BLDG0631	F1-BLDG2644	F1-BLDG2650A	F1-BLDG2655	
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building	
		Address:	Building 62,NAVY FCU/PACDIV ROICC	Building 63,PENTAGON FEDERAL CREDIT UNION	Building 82,PEARL CAR CARE CENTER	Building 270,GOLF COURSE SNACK STD/RESTRM	Building 631,NAVY EXCHANGE MAIN RETAIL	Building 2644,JACK IN THE BOX MOA SHOP CTR. 4859 Warden Ave.	Building 2650A,CHILLER KFC	Building 2655,FOOD/SERVICE STORES	
		Field Sample ID:	F1-TW-0015373-22160-N	F1-TW-0015374-22160-N	F1-TW-0015386-22160-N	F1-TW-0015303-22160-N	F1-TW-0015309-22160-N	F1-TW-0015357-22160-N	F1-TW-0015361-22160-N	F1-TW-0015332-22160-N-1	
		Sample Date:	2022-09-12	2022-10-05	2022-09-13	2022-10-05	2022-09-12	2022-09-13	2022-09-12	2022-10-05	
		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	10.0	260	350	460	380	390	450	400-480
Field Test (ppb)	Free Chlorine	4000	MCL	10.0	260	350	460	380	390	450	400-480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	62.6	ND	59.5	ND	ND	ND	55.7
	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	62.6	ND	59.5	ND	ND	ND	55.7
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	2.20	2.50	2.00	2.10	2.00	2.40	2.00	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	2.10	1.90	1.80	1.90	1.90	1.90	2.00	1.90
	Copper	1300	MCL	48.0	175	225	23.9	50.3	17.5	60.3	29.5
	Lead	15	MCL	ND	0.250	0.900	0.370	ND	0.200	0.230	59.8 §
	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

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG0062	F1-BLDG0063	F1-BLDG0082	F1-BLDG0270	F1-BLDG0631	F1-BLDG2644	F1-BLDG2650A	F1-BLDG2655
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence
					Building 62,NAVY FCU/PACDIV ROICC	Building 63,PENTAGON FEDERAL CREDIT UNION	Building 82,PEARL CAR CARE CENTER	Building 270,GOLF COURSE SNACK STD/RESTRM	Building 631,NAVY EXCHANGE MAIN RETAIL	Building 2644,JACK IN THE BOX MOA SHOP CTR. 4859 Warden Ave.	Building 2650A,CHILLER KFC	Building 2655,FOOD/SERVICE STORES
					F1-TW-0015373-22160-N	F1-TW-0015374-22160-N	F1-TW-0015386-22160-N	F1-TW-0015303-22160-N	F1-TW-0015309-22160-N	F1-TW-0015357-22160-N	F1-TW-0015361-22160-N	F1-TW-0015332-22160-N-1
					2022-09-12	2022-10-05	2022-09-13	2022-10-05	2022-09-12	2022-09-13	2022-09-12	2022-10-05
					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 F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG0062	F1-BLDG0063	F1-BLDG0082	F1-BLDG0270	F1-BLDG0631	F1-BLDG2644	F1-BLDG2650A	F1-BLDG2655
		Location Type:	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Non-Residence	Medical Building
		Address:	Building 62,NAVY FCU/PACDIV ROICC	Building 63,PENTAGON FEDERAL CREDIT UNION	Building 82,PEARL CAR CARE CENTER	Building 270,GOLF COURSE SNACK STD/RESTRM	Building 631,NAVY EXCHANGE MAIN RETAIL	Building 2644,JACK IN THE BOX MOA SHOP CTR. 4859 Warden Ave.	Building 2650A,CHILLER KFC	Building 2655,FOOD/SERVICE STORES
		Field Sample ID:	F1-TW-0015373- 22160-N	F1-TW-0015374- 22160-N	F1-TW-0015386- 22160-N	F1-TW-0015303- 22160-N	F1-TW-0015309- 22160-N	F1-TW-0015357- 22160-N	F1-TW-0015361- 22160-N	F1-TW-0015332- 22160-N-1
		Sample Date:	2022-09-12	2022-10-05	2022-09-13	2022-10-05	2022-09-12	2022-09-13	2022-09-12	2022-10-05
		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	--	--	ND	0.870	1.20	0.370	ND	ND	0.260
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.350	0.450	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	1.22	1.65	0.370	ND	ND	0.260

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG2655	F1-BLDG2656	F1-BLDG4868
				Location Type:	Medical Building	Non-Residence	Non-Residence
				Address:	Building 2655,FOOD/SERVICE STORES	Building 2656,FOOD/SERVICE BUILDING	Building 4868, CHURCH (CDC PRESCHOOL adjacent)
				Field Sample ID:	F1-TW-0015332-22160-N-2	F1-TW-0015333-22160-N	F1-TW-0015336-22160-N
				Sample Date:	2022-10-05	2022-10-05	2022-09-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	400-480	490	120	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.6	65.9	78.3	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	54.6	65.9	78.3	
Metals (ppb)	Antimony	6	MCL	ND	ND	0.160	
	Arsenic	10	MCL	ND	ND	ND	
	Barium	2000	MCL	2.10	2.00	2.20	
	Beryllium	4	MCL	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	
	Chromium	100	MCL	1.90	1.90	2.10	
	Copper	1300	MCL	49.6	17.4	28.0	
	Lead	15	MCL	0.590	0.180	0.420	
	Mercury	2	MCL	ND	0.0250	ND	
	Selenium	50	MCL	ND	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG2655	F1-BLDG2656	F1-BLDG4868
				Location Type:	Medical Building	Non-Residence	Non-Residence
				Address:	Building 2655,FOOD/SERVICE STORES	Building 2656,FOOD/SERVICE BUILDING	Building 4868, CHURCH (CDC PRESCHOOL adjacent)
				Field Sample ID:	F1-TW-0015332-22160-N-2	F1-TW-0015333-22160-N	F1-TW-0015336-22160-N
				Sample Date:	2022-10-05	2022-10-05	2022-09-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	
Trichloroethene (TCE)	5	MCL	ND	ND	ND		
Vinyl chloride	2	MCL	ND	ND	ND		
Xylenes, Total	10000	MCL	ND	ND	ND		

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Other Buildings in Zone F1

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:	F1-BLDG2655	F1-BLDG2656	F1-BLDG4868
				Location Type:	Medical Building	Non-Residence	Non-Residence
				Address:	Building 2655,FOOD/SERVICE STORES	Building 2656,FOOD/SERVICE BUILDING	Building 4868, CHURCH (CDC PRESCHOOL adjacent)
				Field Sample ID:	F1-TW-0015332-22160-N-2	F1-TW-0015333-22160-N	F1-TW-0015336-22160-N
				Sample Date:	2022-10-05	2022-10-05	2022-09-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	0.520	0.520
	Dichloroacetic acid	--	--	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	0.520	0.520
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	1.40	1.40
	Chloroform	--	--	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.450	0.450
	Total Trihalomethanes	80	MCL	ND	ND	1.85	1.85

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Fire Hydrants in Zone F1

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

		Location ID:	F1-HYD009A	F1-HYD017B	F1-HYD028A		F1-HYD029A	F1-HYD037A		F1-HYD0609	
		Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant		Hydrant	
		Address:	FH ID: FH:9A	FH ID: FH:17B	FH ID: FH:28A		FH ID: FH:29A	FH ID: FH:37A		FH ID: FH:609	
		Field Sample ID:	F1-DL-0017719-22160 -N	F1-DL-0017721-22160 -N	F1-DL-0017722-22160 -3-N	F1-DL-0017722-22160 -N	F1-DL-0017723-22160 -N	F1-DL-0017724-22160 -3-N	F1-DL-0017724-22160 -N	F1-DL-0017725-22160 -N	
		Sample Date:	2022-07-26	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	
		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	170	470	380	380	480	40.0	40.0	190
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	58.6	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	70.9	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	58.6	ND	ND	70.9	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.40	2.30	2.30	2.00	3.90	4.00	3.00
	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	1.30	1.90	1.80	1.80	1.70	0.850	0.900	1.60
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.470	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	0.0580	ND	ND	ND	0.0520	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Fire Hydrants in Zone F1

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		Location ID:	F1-HYD009A	F1-HYD017B	F1-HYD028A		F1-HYD029A	F1-HYD037A		F1-HYD0609
		Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant		Hydrant
		Address:	FH ID: FH:9A	FH ID: FH:17B	FH ID: FH:28A		FH ID: FH:29A	FH ID: FH:37A		FH ID: FH:609
		Field Sample ID:	F1-DL-0017719-22160 -N	F1-DL-0017721-22160 -N	F1-DL-0017722-22160 -3-N	F1-DL-0017722-22160 -N	F1-DL-0017723-22160 -N	F1-DL-0017724-22160 -3-N	F1-DL-0017724-22160 -N	F1-DL-0017725-22160 -N
		Sample Date:	2022-07-26	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06
		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							
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	0.570
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	0.570

**Summary of Chemistry Results
Zone F1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples collected in June-October 2022 from Fire Hydrants in Zone F1

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		Location Type:	Hydrant	Hydrant	Hydrant		Hydrant	Hydrant		Hydrant	
		Address:	FH ID: FH:9A	FH ID: FH:17B	FH ID: FH:28A		FH ID: FH:29A	FH ID: FH:37A		FH ID: FH:609	
		Field Sample ID:	F1-DL-0017719-22160 -N	F1-DL-0017721-22160 -N	F1-DL-0017722-22160 -3-N	F1-DL-0017722-22160 -N	F1-DL-0017723-22160 -N	F1-DL-0017724-22160 -3-N	F1-DL-0017724-22160 -N	F1-DL-0017725-22160 -N	
		Sample Date:	2022-07-26	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	2022-09-06	
		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								
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	0.600	0.430	0.590	0.530	0.360	4.40	5.10	3.10
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.280	0.360	0.380	0.280	0.280	0.320	0.760
	Total Trihalomethanes	80	MCL	0.600	0.710	0.950	0.910	0.640	4.68	5.42	3.86