

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April and May 2022 from Residences in Zone A3

Notes:
ND = Not Detected
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EAL = DOH Environmental Action Level
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§ - Exceeds Screening Level
-- = No Information Available
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		Location ID:	A3-101S6391B	A3-101S6411B	A3-101S6415B	A3-101S6437A		A3-102S6439		A3-102S6451A	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	6391B 101st Street	6411B 101st Street	6415B 101st Street	6437A 101st Street		6439 102nd Street		6451A 102nd Street	
		Field Sample ID:	A3-TW-0017250-22102-N	A3-TW-0017260-22102-N	A3-TW-0017264-22102-N	A3-TW-0016666-22102-3-N	A3-TW-0016666-22102-N	A3-TW-0016668-22102-3-N	A3-TW-0016668-22102-N	A3-TW-0016679-22102-3-N	
		Sample Date:	2022-05-11	2022-04-29	2022-05-02	2022-04-29	2022-04-29	2022-05-11	2022-05-11	2022-04-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	550	510	710	460	460	600	600	630
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	60.2	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	211	ISP	ND	ND	60.2	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.140	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	2.00	2.20	2.10	2.00	2.30	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	0.160	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	0.140	ND
	Chromium	100	MCL	0.790	1.40	1.20	1.30	1.30	0.810	0.790	0.830
	Copper	1300	MCL	19.3	19.9	21.8	45.7	44.5	17.3	17.5	26.2
	Lead	15	MCL	0.200	0.190	0.250	0.510	0.400	0.330	0.530	0.310
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0500
	Selenium	50	MCL	1.50	0.890	ND	ND	ND	ND	ND	0.770
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	0.220	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:	A3-101S6391B	A3-101S6411B	A3-101S6415B	A3-101S6437A		A3-102S6439		A3-102S6451A
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	6391B 101st Street	6411B 101st Street	6415B 101st Street	6437A 101st Street		6439 102nd Street		6451A 102nd Street
				Field Sample ID:	A3-TW-0017250-22102-N	A3-TW-0017260-22102-N	A3-TW-0017264-22102-N	A3-TW-0016666-22102-3-N	A3-TW-0016666-22102-N	A3-TW-0016668-22102-3-N	A3-TW-0016668-22102-N	A3-TW-0016679-22102-3-N
				Sample Date:	2022-05-11	2022-04-29	2022-05-02	2022-04-29	2022-04-29	2022-05-11	2022-05-11	2022-04-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	6391B 101st Street	6411B 101st Street	6415B 101st Street	6437A 101st Street		6439 102nd Street		6451A 102nd Street
				Field Sample ID:	A3-TW-0017250-22102-N	A3-TW-0017260-22102-N	A3-TW-0017264-22102-N	A3-TW-0016666-22102-3-N	A3-TW-0016666-22102-N	A3-TW-0016668-22102-3-N	A3-TW-0016668-22102-N	A3-TW-0016679-22102-3-N
				Sample Date:	2022-05-11	2022-04-29	2022-05-02	2022-04-29	2022-04-29	2022-05-11	2022-05-11	2022-04-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.520	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.520	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-102S6451A	A3-102S6473A	A3-102S6479	A3-103S6496B	A3-103S6530A	A3-104S6549	A3-104S6555A	A3-105S6596A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6451A 102nd Street	6473A 102nd Street	6479 102nd Street	6496B 103rd Street	6530A 103rd Street	6549 104th Street	6555A 104th Street	6596A 105th Street	
		Field Sample ID:	A3-TW-0016679-22102-N	A3-TW-0016096-22102-N	A3-TW-0016103-22102-N	A3-TW-0016115-22102-N	A3-TW-0016391-22102-N	A3-TW-0016405-22102-N	A3-TW-0016408-22102-N	A3-TW-0017402-22102-N	
		Sample Date:	2022-04-27	2022-04-27	2022-05-02	2022-05-09	2022-04-27	2022-05-09	2022-04-28	2022-04-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	630	290	730	500	490	540	40.0	300
Field Test (ppb)	Free Chlorine	4000	MCL	630	290	730	500	490	540	40.0	300
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	59.5	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	211	ISP	ND	ND	59.5	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	2.10	2.10	2.00	2.00	1.90	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.880	0.850	1.10	0.930	0.920	0.970	1.40	0.860
	Copper	1300	MCL	26.7	49.8	47.6	18.8	18.2	13.6	55.2	36.6
	Lead	15	MCL	0.330	0.190	0.370	0.270	0.220	0.180	1.20	0.300
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0520
	Selenium	50	MCL	0.590	0.870	ND	ND	0.790	ND	0.910	0.700
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:	A3-102S6451A	A3-102S6473A	A3-102S6479	A3-103S6496B	A3-103S6530A	A3-104S6549	A3-104S6555A	A3-105S6596A
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6451A 102nd Street	6473A 102nd Street	6479 102nd Street	6496B 103rd Street	6530A 103rd Street	6549 104th Street	6555A 104th Street	6596A 105th Street
		Field Sample ID:	A3-TW-0016679-22102-N	A3-TW-0016096-22102-N	A3-TW-0016103-22102-N	A3-TW-0016115-22102-N	A3-TW-0016391-22102-N	A3-TW-0016405-22102-N	A3-TW-0016408-22102-N	A3-TW-0017402-22102-N
		Sample Date:	2022-04-27	2022-04-27	2022-05-02	2022-05-09	2022-04-27	2022-05-09	2022-04-28	2022-04-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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	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:	6451A 102nd Street	6473A 102nd Street	6479 102nd Street	6496B 103rd Street	6530A 103rd Street	6549 104th Street	6555A 104th Street	6596A 105th Street
		Field Sample ID:	A3-TW-0016679-22102-N	A3-TW-0016096-22102-N	A3-TW-0016103-22102-N	A3-TW-0016115-22102-N	A3-TW-0016391-22102-N	A3-TW-0016405-22102-N	A3-TW-0016408-22102-N	A3-TW-0017402-22102-N
		Sample Date:	2022-04-27	2022-04-27	2022-05-02	2022-05-09	2022-04-27	2022-05-09	2022-04-28	2022-04-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.570	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.570	ND	ND	ND	ND

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		Location ID:	A3-105S6597B	A3-105S6612B	A3-105S6632A	A3-106S6669A	A3-106S6669B	A3-106S6686A	A3-107S6698	A3-107S6718B	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6597B 105th Street	6612B 105th Street	6632A 105th Street	6669A 106th Street	6669B 106th Street	6686A 106th Street	6698 107th Street	6718B 107th Street	
		Field Sample ID:	A3-TW-0017405-22102-N	A3-TW-0017447-22102-N	A3-TW-0017465-22102-N	A3-TW-0016905-22102-N	A3-TW-0016906-22102-N	A3-TW-0016919-22102-N	A3-TW-0016931-22102-N	A3-TW-0016167-22102-3-N	
		Sample Date:	2022-04-27	2022-04-27	2022-05-04	2022-05-02	2022-04-28	2022-04-27	2022-04-27	2022-04-28	
		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	500	350	210	310	230	440	100	230
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	211	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	1.90	1.90	2.10	2.20	2.00	1.90	2.30	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.780	0.890	0.710	1.10	1.40	1.50	0.960	1.40
	Copper	1300	MCL	39.0	15.8	89.3	46.4	50.3	54.3	28.6	12.5
	Lead	15	MCL	0.240	0.190	0.490	0.430	0.670	0.300	0.200	0.160
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.730	0.820	0.620	ND	0.910	1.30	0.740	0.900
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	0.410	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 A3 Long Term Monitoring
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		Location ID:	A3-105S6597B	A3-105S6612B	A3-105S6632A	A3-106S6669A	A3-106S6669B	A3-106S6686A	A3-107S6698	A3-107S6718B
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6597B 105th Street	6612B 105th Street	6632A 105th Street	6669A 106th Street	6669B 106th Street	6686A 106th Street	6698 107th Street	6718B 107th Street
		Field Sample ID:	A3-TW-0017405-22102-N	A3-TW-0017447-22102-N	A3-TW-0017465-22102-N	A3-TW-0016905-22102-N	A3-TW-0016906-22102-N	A3-TW-0016919-22102-N	A3-TW-0016931-22102-N	A3-TW-0016167-22102-3-N
		Sample Date:	2022-04-27	2022-04-27	2022-05-04	2022-05-02	2022-04-28	2022-04-27	2022-04-27	2022-04-28
		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	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-105S6597B	A3-105S6612B	A3-105S6632A	A3-106S6669A	A3-106S6669B	A3-106S6686A	A3-107S6698	A3-107S6718B
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6597B 105th Street	6612B 105th Street	6632A 105th Street	6669A 106th Street	6669B 106th Street	6686A 106th Street	6698 107th Street	6718B 107th Street
		Field Sample ID:	A3-TW-0017405-22102-N	A3-TW-0017447-22102-N	A3-TW-0017465-22102-N	A3-TW-0016905-22102-N	A3-TW-0016906-22102-N	A3-TW-0016919-22102-N	A3-TW-0016931-22102-N	A3-TW-0016167-22102-3-N
		Sample Date:	2022-04-27	2022-04-27	2022-05-04	2022-05-02	2022-04-28	2022-04-27	2022-04-27	2022-04-28
		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	--	--	ND	ND	0.650	0.580	0.590	ND	0.550
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.520	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.20	0.580	0.590	ND	0.550

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		Location ID:	A3-107S6718B	A3-108S6759B	A3-109S6769	A3-ALBA5445	A3-ALBA5457	A3-ALBA5478	A3-BITT5518A	A3-BITT5521	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6718B 107th Street	6759B 108th Street	6769 109th Street	5445 Albatross Avenue	5457 Albatross Avenue	5478 Albatross Avenue	5518A Bittern Avenue	5521 Bittern Avenue	
		Field Sample ID:	A3-TW-0016167-22102-N	A3-TW-0016420-22102-N	A3-TW-0016427-22102-N	A3-TW-0016936-22102-N	A3-TW-0016942-22102-N	A3-TW-0016951-22102-N	A3-TW-0016966-22102-N	A3-TW-0016968-22102-N	
		Sample Date:	2022-04-28	2022-04-27	2022-05-02	2022-04-29	2022-04-29	2022-05-04	2022-04-27	2022-04-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	230	310	790	460	640	400	470	390
Field Test (ppb)	Free Chlorine	4000	MCL	230	310	790	460	640	400	470	390
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	330	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	53.9	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	211	ISP	ND	ND	53.9	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	0.140	0.110	ND	0.150	ND	ND	ND	0.180
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.00	2.20	2.10	2.10	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	0.850	1.10	1.30	1.30	0.710	0.790	0.860
	Copper	1300	MCL	9.60	38.2	27.5	35.1	19.9	63.5	20.8	38.9
	Lead	15	MCL	0.130	0.840	1.10	0.350	0.220	0.640	0.670	0.530
	Mercury	2	MCL	ND	ND	ND	ND	0.0280	ND	ND	ND
	Selenium	50	MCL	0.830	0.710	ND	ND	ND	0.990	0.580	0.790
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-107S6718B	A3-108S6759B	A3-109S6769	A3-ALBA5445	A3-ALBA5457	A3-ALBA5478	A3-BITT5518A	A3-BITT5521
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6718B 107th Street	6759B 108th Street	6769 109th Street	5445 Albatross Avenue	5457 Albatross Avenue	5478 Albatross Avenue	5518A Bittern Avenue	5521 Bittern Avenue
				Field Sample ID:	A3-TW-0016167-22102-N	A3-TW-0016420-22102-N	A3-TW-0016427-22102-N	A3-TW-0016936-22102-N	A3-TW-0016942-22102-N	A3-TW-0016951-22102-N	A3-TW-0016966-22102-N	A3-TW-0016968-22102-N
				Sample Date:	2022-04-28	2022-04-27	2022-05-02	2022-04-29	2022-04-29	2022-05-04	2022-04-27	2022-04-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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

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		Location ID:	A3-107S6718B	A3-108S6759B	A3-109S6769	A3-ALBA5445	A3-ALBA5457	A3-ALBA5478	A3-BITT5518A	A3-BITT5521
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6718B 107th Street	6759B 108th Street	6769 109th Street	5445 Albatross Avenue	5457 Albatross Avenue	5478 Albatross Avenue	5518A Bittern Avenue	5521 Bittern Avenue
		Field Sample ID:	A3-TW-0016167-22102-N	A3-TW-0016420-22102-N	A3-TW-0016427-22102-N	A3-TW-0016936-22102-N	A3-TW-0016942-22102-N	A3-TW-0016951-22102-N	A3-TW-0016966-22102-N	A3-TW-0016968-22102-N
		Sample Date:	2022-04-28	2022-04-27	2022-05-02	2022-04-29	2022-04-29	2022-05-04	2022-04-27	2022-04-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	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	1.50	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	1.10	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	2.60	ND	ND	ND	ND	ND

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		Location ID:	A3-CORM5601B	A3-DOVE5618	A3-DOVE5686	A3-EDGE5355	A3-EDGE5375	A3-EDGE5381	A3-EDGE5387	A3-EEHA4858A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5601B Cormorant Avenue	5618 Dovekie Avenue	5686 Dovekie Avenue	5355 Edgewater Drive	5375 Edgewater Drive	5381 Edgewater Drive	5387 Edgewater Drive	4858A East Eha Way	
		Field Sample ID:	A3-TW-0016220-22102-N	A3-TW-0016259-22102-N	A3-TW-0016452-22102-N	A3-TW-0016325-22102-N	A3-TW-0016331-22102-N	A3-TW-0016333-22102-N	A3-TW-0016336-22102-N	A3-TW-0017353-22102-N	
		Sample Date:	2022-04-28	2022-04-27	2022-04-29	2022-04-29	2022-04-28	2022-04-28	2022-04-27	2022-04-28	
		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								
Field Test (ppb)	Free Chlorine	4000	MCL	520	380	230	510	20.0	560	370	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	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	211	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	2.20	2.00	2.10	1.90	2.20	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	1.40	0.850	1.30	1.30	1.30	1.50	0.880	1.40
	Copper	1300	MCL	36.4	26.9	13.8	22.5	22.2	56.9	82.5	27.7
	Lead	15	MCL	0.140	0.250	ND	0.180	0.240	0.240	0.410	ND
	Mercury	2	MCL	ND	ND	0.0300	0.0260	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.690	ND	0.320	ND	0.680	0.840	0.800
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0310	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-CORM5601B	A3-DOVE5618	A3-DOVE5686	A3-EDGE5355	A3-EDGE5375	A3-EDGE5381	A3-EDGE5387	A3-EEHA4858A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	5601B Cormorant Avenue	5618 Dovekie Avenue	5686 Dovekie Avenue	5355 Edgewater Drive	5375 Edgewater Drive	5381 Edgewater Drive	5387 Edgewater Drive	4858A East Eha Way	
		Field Sample ID:	A3-TW-0016220-22102-N	A3-TW-0016259-22102-N	A3-TW-0016452-22102-N	A3-TW-0016325-22102-N	A3-TW-0016331-22102-N	A3-TW-0016333-22102-N	A3-TW-0016336-22102-N	A3-TW-0017353-22102-N	
		Sample Date:	2022-04-28	2022-04-27	2022-04-29	2022-04-29	2022-04-28	2022-04-28	2022-04-27	2022-04-28	
		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)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	A3-CORM5601B	A3-DOVE5618	A3-DOVE5686	A3-EDGE5355	A3-EDGE5375	A3-EDGE5381	A3-EDGE5387	A3-EEHA4858A
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	5601B Cormorant Avenue	5618 Dovekie Avenue	5686 Dovekie Avenue	5355 Edgewater Drive	5375 Edgewater Drive	5381 Edgewater Drive	5387 Edgewater Drive	4858A East Eha Way
		Field Sample ID:	A3-TW-0016220-22102-N	A3-TW-0016259-22102-N	A3-TW-0016452-22102-N	A3-TW-0016325-22102-N	A3-TW-0016331-22102-N	A3-TW-0016333-22102-N	A3-TW-0016336-22102-N	A3-TW-0017353-22102-N
		Sample Date:	2022-04-28	2022-04-27	2022-04-29	2022-04-29	2022-04-28	2022-04-28	2022-04-27	2022-04-28
		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)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.550	ND	ND	3.10	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.40	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.550	ND	ND	4.60	ND

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		Location ID:	A3-EEHI4998C	A3-EEKO4822B	A3-EELU4788C		A3-EELU4790B	A3-ELIM4877D	A3-ELIM4878C	A3-EONO4937A	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	4998C East Ehiku Way	4822B East Ekolu Way	4788C East Elua Way		4790B East Elua Way	4877D Elima Way	4878C Elima Way	4937A Eono Way	
		Field Sample ID:	A3-TW-0017365-22102-N	A3-TW-0016972-22102-N	A3-TW-0016993-22102-3-N	A3-TW-0016993-22102-N	A3-TW-0016998-22102-N	A3-TW-0017329-22102-N	A3-TW-0017332-22102-N	A3-TW-0016879-22102-N	
		Sample Date:	2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-05-02	2022-05-04	2022-04-29	2022-05-06	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	320	590	390	390	1690	550	440	530
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	55.6	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	211	ISP	ND	ND	ND	ND	55.6	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	2.20	2.00	2.20	2.20	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	0.820	1.40	1.30	1.10	0.920	1.40	0.660
	Copper	1300	MCL	14.2	5.20	21.0	70.5	7.80	30.5	3.80	8.30
	Lead	15	MCL	0.540	ND	ND	0.820	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.790	ND	ND	ND	1.10	ND	1.50
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				A3-EEHI4998C	A3-EEKO4822B	A3-EELU4788C		A3-EELU4790B	A3-ELIM4877D	A3-ELIM4878C	A3-EONO4937A
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address: 4998C East Ehiku Way	4822B East Ekolu Way	4788C East Elua Way		4790B East Elua Way	4877D Elima Way	4878C Elima Way	4937A Eono Way
				Field Sample ID: A3-TW-0017365-22102-N	A3-TW-0016972-22102-N	A3-TW-0016993-22102-3-N	A3-TW-0016993-22102-N	A3-TW-0016998-22102-N	A3-TW-0017329-22102-N	A3-TW-0017332-22102-N	A3-TW-0016879-22102-N
				Sample Date: 2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-05-02	2022-05-04	2022-04-29	2022-05-06
				Sample Type: N (Normal)	N (Normal)	FD (Field Duplicate)	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	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EEHI4998C	A3-EEKO4822B	A3-EELU4788C		A3-EELU4790B	A3-ELIM4877D	A3-ELIM4878C	A3-EONO4937A
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	4998C East Ehiku Way	4822B East Ekolu Way	4788C East Elua Way		4790B East Elua Way	4877D Elima Way	4878C Elima Way	4937A Eono Way
				Field Sample ID:	A3-TW-0017365-22102-N	A3-TW-0016972-22102-N	A3-TW-0016993-22102-3-N	A3-TW-0016993-22102-N	A3-TW-0016998-22102-N	A3-TW-0017329-22102-N	A3-TW-0017332-22102-N	A3-TW-0016879-22102-N
				Sample Date:	2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-05-02	2022-05-04	2022-04-29	2022-05-06
				Sample Type:	N (Normal)	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	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.860	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.590	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.50	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-EONO4937B	A3-ERNE5733	A3-ERNE5735B	A3-ERNE5743B	A3-ERNE5749B	A3-ERNE5782A	A3-FULM5829	A3-FULM5834B	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4937B Eono Way	5733 Erne Avenue	5735B Erne Avenue	5743B Erne Avenue	5749B Erne Avenue	5782A Erne Avenue	5829 Fulmar Avenue	5834B Fulmar Avenue	
		Field Sample ID:	A3-TW-0016880-22102-N	A3-TW-0016519-22102-N	A3-TW-0016523-22102-N	A3-TW-0016528-22102-N	A3-TW-0016530-22102-N	A3-TW-0017019-22102-N	A3-TW-0016370-22102-N	A3-TW-0016373-22102-N	
		Sample Date:	2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-04-29	2022-04-27	2022-04-27	2022-04-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	370	470	570	450	360	510	250	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	620	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	211	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	2.10	2.00	2.10	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	1.40	1.40	1.40	1.30	1.30	0.810	1.40	0.850
	Copper	1300	MCL	30.1	17.9	29.4	23.5	20.0	17.6	35.1	21.9
	Lead	15	MCL	1.40	0.250	0.260	0.250	0.140	0.310	0.250	0.530
	Mercury	2	MCL	ND	ND	ND	ND	ND	0.0550	ND	ND
	Selenium	50	MCL	ND	0.730	ND	ND	ND	0.770	1.20	0.840
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:	A3-EONO4937B	A3-ERNE5733	A3-ERNE5735B	A3-ERNE5743B	A3-ERNE5749B	A3-ERNE5782A	A3-FULM5829	A3-FULM5834B
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4937B Eono Way	5733 Erne Avenue	5735B Erne Avenue	5743B Erne Avenue	5749B Erne Avenue	5782A Erne Avenue	5829 Fulmar Avenue	5834B Fulmar Avenue
		Field Sample ID:	A3-TW-0016880-22102-N	A3-TW-0016519-22102-N	A3-TW-0016523-22102-N	A3-TW-0016528-22102-N	A3-TW-0016530-22102-N	A3-TW-0017019-22102-N	A3-TW-0016370-22102-N	A3-TW-0016373-22102-N
		Sample Date:	2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-04-29	2022-04-27	2022-04-27	2022-04-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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	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 A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April and May 2022 from Residences in Zone A3

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		Location ID:	A3-EONO4937B	A3-ERNE5733	A3-ERNE5735B	A3-ERNE5743B	A3-ERNE5749B	A3-ERNE5782A	A3-FULM5829	A3-FULM5834B
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4937B Eono Way	5733 Erne Avenue	5735B Erne Avenue	5743B Erne Avenue	5749B Erne Avenue	5782A Erne Avenue	5829 Fulmar Avenue	5834B Fulmar Avenue
		Field Sample ID:	A3-TW-0016880-22102-N	A3-TW-0016519-22102-N	A3-TW-0016523-22102-N	A3-TW-0016528-22102-N	A3-TW-0016530-22102-N	A3-TW-0017019-22102-N	A3-TW-0016370-22102-N	A3-TW-0016373-22102-N
		Sample Date:	2022-04-29	2022-04-27	2022-04-29	2022-04-29	2022-04-29	2022-04-27	2022-04-27	2022-04-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-FULM5843B	A3-GANN5910	A3-GANN5912A	A3-GANN5938A	A3-GANN5940A		A3-GANN5946A	A3-HERO6111A	
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence	
		Address:	5843B Fulmar Avenue	5910 Gannet Avenue	5912A Gannet Avenue	5938A Gannet Avenue	5940A Gannet Avenue		5946A Gannet Avenue	6111A Heron Avenue	
		Field Sample ID:	A3-TW-0017295-22102-N	A3-TW-0017050-22102-N	A3-TW-0016699-22102-N	A3-TW-0016550-22102-N	A3-TW-0016554-22102-3-N	A3-TW-0016554-22102-N	A3-TW-0016556-22102-N	A3-TW-0017143-22102-N	
		Sample Date:	2022-04-27	2022-05-02	2022-04-28	2022-05-02	2022-04-27	2022-04-27	2022-05-02	2022-05-02	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	540	790	120	760	470	470	250	720
Field Test (ppb)	Free Chlorine	4000	MCL	540	790	120	760	470	470	250	720
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	57.0	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	159	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	159	57.0	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	2.10	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	0.820	1.10	1.40	1.10	0.820	0.820	1.00	1.30
	Copper	1300	MCL	33.6	62.0	118	34.2	22.0	22.3	38.6	29.8
	Lead	15	MCL	0.360	0.230	0.630	0.600	0.230	0.230	0.340	0.250
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.700	ND	0.560	ND	0.740	0.760	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	0.0580	0.0680	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 A3 Long Term Monitoring
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		Location ID:	A3-FULM5843B	A3-GANN5910	A3-GANN5912A	A3-GANN5938A	A3-GANN5940A		A3-GANN5946A	A3-HERO6111A
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
		Address:	5843B Fulmar Avenue	5910 Gannet Avenue	5912A Gannet Avenue	5938A Gannet Avenue	5940A Gannet Avenue		5946A Gannet Avenue	6111A Heron Avenue
		Field Sample ID:	A3-TW-0017295-22102-N	A3-TW-0017050-22102-N	A3-TW-0016699-22102-N	A3-TW-0016550-22102-N	A3-TW-0016554-22102-3-N	A3-TW-0016554-22102-N	A3-TW-0016556-22102-N	A3-TW-0017143-22102-N
		Sample Date:	2022-04-27	2022-05-02	2022-04-28	2022-05-02	2022-04-27	2022-04-27	2022-05-02	2022-05-02
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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	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
		Address:	5843B Fulmar Avenue	5910 Gannet Avenue	5912A Gannet Avenue	5938A Gannet Avenue	5940A Gannet Avenue		5946A Gannet Avenue	6111A Heron Avenue
		Field Sample ID:	A3-TW-0017295-22102-N	A3-TW-0017050-22102-N	A3-TW-0016699-22102-N	A3-TW-0016550-22102-N	A3-TW-0016554-22102-3-N	A3-TW-0016554-22102-N	A3-TW-0016556-22102-N	A3-TW-0017143-22102-N
		Sample Date:	2022-04-27	2022-05-02	2022-04-28	2022-05-02	2022-04-27	2022-04-27	2022-05-02	2022-05-02
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.830	1.30	ND	ND	0.580	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.650	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.830	2.00	ND	ND	0.580	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6145A	A3-HERO6157	A3-IBIS6243	A3-IBIS6273	A3-IBIS6330B	A3-IBIS6344A	A3-IBIS6370B	A3-IROQ5015A
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6145A Heron Avenue	6157 Heron Avenue	6243 Ibis Avenue	6273 Ibis Avenue	6330B Ibis Avenue	6344A Ibis Avenue	6370B Ibis Avenue	5015A Iroquois Avenue
				Field Sample ID:	A3-TW-0016575-22102-N	A3-TW-0016583-22102-N	A3-TW-0017132-22102-N	A3-TW-0017181-22102-N	A3-TW-0017237-22102-N	A3-TW-0017245-22102-N	A3-TW-0016611-22102-N	A3-TW-0016627-22102-N
				Sample Date:	2022-05-03	2022-04-28	2022-05-02	2022-04-28	2022-04-29	2022-04-29	2022-04-28	2022-04-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL		340	440	790	510	500	520	340	440
General Chemistry (ppb)	Total Organic Carbon	2000	ISP		ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--		52.2	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	211	ISP		52.2	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		1.90	1.90	2.00	1.90	2.00	1.90	2.30	2.20
	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	1.40	1.30	1.30	1.20	1.30	1.40	1.30
	Copper	1300	MCL		85.9	18.1	16.3	19.6	13.2	11.0	40.4	37.6
	Lead	15	MCL		0.440	0.730	0.360	0.200	0.150	ND	0.410	0.310
	Mercury	2	MCL		ND	ND	ND	ND	0.0280	ND	ND	ND
	Selenium	50	MCL		ND	0.660	ND	1.00	ND	0.700	0.700	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL		ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL		ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL		ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL		ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL		ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL		ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--		ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL		ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:	A3-HERO6145A	A3-HERO6157	A3-IBIS6243	A3-IBIS6273	A3-IBIS6330B	A3-IBIS6344A	A3-IBIS6370B	A3-IROQ5015A	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6145A Heron Avenue	6157 Heron Avenue	6243 Ibis Avenue	6273 Ibis Avenue	6330B Ibis Avenue	6344A Ibis Avenue	6370B Ibis Avenue	5015A Iroquois Avenue	
		Field Sample ID:	A3-TW-0016575-22102-N	A3-TW-0016583-22102-N	A3-TW-0017132-22102-N	A3-TW-0017181-22102-N	A3-TW-0017237-22102-N	A3-TW-0017245-22102-N	A3-TW-0016611-22102-N	A3-TW-0016627-22102-N	
		Sample Date:	2022-05-03	2022-04-28	2022-05-02	2022-04-28	2022-04-29	2022-04-29	2022-04-28	2022-04-29	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	

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		Location ID:	A3-HERO6145A	A3-HERO6157	A3-IBIS6243	A3-IBIS6273	A3-IBIS6330B	A3-IBIS6344A	A3-IBIS6370B	A3-IROQ5015A
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6145A Heron Avenue	6157 Heron Avenue	6243 Ibis Avenue	6273 Ibis Avenue	6330B Ibis Avenue	6344A Ibis Avenue	6370B Ibis Avenue	5015A Iroquois Avenue
		Field Sample ID:	A3-TW-0016575-22102-N	A3-TW-0016583-22102-N	A3-TW-0017132-22102-N	A3-TW-0017181-22102-N	A3-TW-0017237-22102-N	A3-TW-0017245-22102-N	A3-TW-0016611-22102-N	A3-TW-0016627-22102-N
		Sample Date:	2022-05-03	2022-04-28	2022-05-02	2022-04-28	2022-04-29	2022-04-29	2022-04-28	2022-04-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.510	ND	ND	1.30	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.10	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.510	ND	ND	2.40	ND

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April and May 2022 from Residences in Zone A3

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:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				A3-IROQ5033A	A3-IROQ5097B	A3-IROQ5198		A3-IROQ5208	A3-IROQ5266	A3-KELA4968A	A3-KELA4970A
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Field Test (ppb)	Free Chlorine	4000	MCL	440	390	530	530	570	70.0	440	420
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	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.160	ND	0.140	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	1.90	1.90	2.00	2.30	2.10	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	0.750	0.580	0.650	1.40	1.40	0.890	1.40
	Copper	1300	MCL	37.4	25.4	17.0	17.5	16.4	96.2	14.6	8.10
	Lead	15	MCL	0.290	0.310	0.160	0.160	0.200	0.940	0.230	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.350	ND	ND	0.820	ND	0.780	0.580
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

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				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

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				A3-IROQ5033A	A3-IROQ5097B	A3-IROQ5198		A3-IROQ5208	A3-IROQ5266	A3-KELA4968A	A3-KELA4970A
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	Location Type:
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	1.70	0.520	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	0.590	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	2.30	0.520	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKA4741A	A3-WEKA4742D
				Location Type:	Residence	Residence
				Address:	4741A West Ekahi Way	4742D West Ekahi Way
				Field Sample ID:	A3-TW-0016773-22102-N	A3-TW-0016780-22102-N
				Sample Date:	2022-05-02	2022-04-29
				Sample Type:	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	630	390	
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	211	ISP	ND	ND	
Metals (ppb)	Antimony	6	MCL	0.130	ND	
	Arsenic	10	MCL	ND	ND	
	Barium	2000	MCL	2.10	2.10	
	Beryllium	4	MCL	ND	ND	
	Cadmium	5	MCL	ND	ND	
	Chromium	100	MCL	1.10	1.20	
	Copper	1300	MCL	28.0	23.3	
	Lead	15	MCL	0.200	3.10	
	Mercury	2	MCL	ND	ND	
	Selenium	50	MCL	ND	ND	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	

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				Location ID	Location Type
				A3-WEKA4741A	A3-WEKA4742D
				Residence	Residence
				4741A West Ekahi Way	4742D West Ekahi Way
				A3-TW-0016773-22102-N	A3-TW-0016780-22102-N
				2022-05-02	2022-04-29
				N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	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	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND
	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location Information	
				Location ID	Location Type
				A3-WEKA4741A	A3-WEKA4742D
				Residence	Residence
				4741A West Ekahi Way	4742D West Ekahi Way
				A3-TW-0016773-22102-N	A3-TW-0016780-22102-N
				2022-05-02	2022-04-29
				N (Normal)	N (Normal)
Haloacetic Acids (ppb)	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 A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Schools in Zone A3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-CORM5553					Location ID: A3-IROQ5111			
				Location Type: School					Location Type: School			
				Address: 5553 Cormorant Ave, Iroquois Point Elementary					Address: 5111 Iroquois Ave, Iroquois Point Pre-School			
				Field Sample ID:	A3-TW-0012582-22102-N-1	A3-TW-0012582-22102-N-2	A3-TW-0012582-22102-N-3	A3-TW-0012582-22102-N-4	A3-TW-0012582-22102-N-5	A3-TW-0012569-22102-N-1	A3-TW-0012569-22102-N-2	A3-TW-0012569-22102-N-3
				Sample Date:	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-29	2022-04-29	2022-04-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	10.0-440	10.0-440	10.0-440	10.0-440	10.0-440	130-720	130-720	130-720	
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	211	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	2.10	2.10	2.10	2.00	2.10	2.10	2.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	0.900	0.800	0.870	0.960	1.30	1.30	1.30	1.20	
	Copper	1300	MCL	7.50	145	66.2	147	11.3	51.3	36.7	40.3	
	Lead	15	MCL	ND	0.210	ND	0.250	0.280	0.250	0.170	0.230	
	Mercury	2	MCL	ND	ND	0.0440	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.530	0.830	0.770	0.470	0.710	ND	ND	ND	
Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-CORM5553					Location ID: A3-IROQ5111			
				Location Type: School					Location Type: School			
				Address: 5553 Cormorant Ave, Iroquois Point Elementary					Address: 5111 Iroquois Ave, Iroquois Point Pre-School			
				Field Sample ID:	A3-TW-0012582-22102-N-1	A3-TW-0012582-22102-N-2	A3-TW-0012582-22102-N-3	A3-TW-0012582-22102-N-4	A3-TW-0012582-22102-N-5	A3-TW-0012569-22102-N-1	A3-TW-0012569-22102-N-2	A3-TW-0012569-22102-N-3
				Sample Date:	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-29	2022-04-29	2022-04-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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

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		A3-CORM5553					A3-IROQ5111			
		School					School			
		5553 Cormorant Ave, Iroquois Point Elementary					5111 Iroquois Ave, Iroquois Point Pre-School			
		Field Sample ID:	A3-TW-0012582-22102-N-1	A3-TW-0012582-22102-N-2	A3-TW-0012582-22102-N-3	A3-TW-0012582-22102-N-4	A3-TW-0012582-22102-N-5	A3-TW-0012569-22102-N-1	A3-TW-0012569-22102-N-2	A3-TW-0012569-22102-N-3
		Sample Date:	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-27	2022-04-29	2022-04-29	2022-04-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	2.50	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	2.50	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	0.910	ND	ND	1.00
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.910	ND	ND	1.00

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Schools in Zone A3

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: A3-IROQ5111	
				Location Type: School	
				Address: 5111 Iroquois Ave, Iroquois Point Pre-School	
				Field Sample ID: A3-TW-0012569-22102-N-4 A3-TW-0012569-22102-N-5	
				Sample Date: 2022-04-29 2022-04-29	
				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	130-720	130-720
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	211	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	0.150
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	2.10	2.10
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.10	1.20
	Copper	1300	MCL	47.7	54.9
	Lead	15	MCL	0.320	1.80
	Mercury	2	MCL	0.0250	ND
	Selenium	50	MCL	ND	0.600
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Schools in Zone A3

Notes:
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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: A3-IROQ5111	
				Location Type: School	
				Address: 5111 Iroquois Ave, Iroquois Point Pre-School	
				Field Sample ID: A3-TW-0012569-22102-N-4 A3-TW-0012569-22102-N-5	
				Sample Date: 2022-04-29 2022-04-29	
				Sample Type: N (Normal) N (Normal)	
Volatile Organic Compounds (ppb)	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	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND
Vinyl chloride	2	MCL	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND

**Summary of Chemistry Results
 Zone A3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Schools in Zone A3

Notes:
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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:	A3-IROQ5111	
Location Type:	School	
Address:	5111 Iroquois Ave, Iroquois Point Pre-School	
Field Sample ID:	A3-TW-0012569-22102-N-4	A3-TW-0012569-22102-N-5
Sample Date:	2022-04-29	2022-04-29
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Haloacetic Acids (ppb)	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 A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A3

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	A3-BLDG0595	A3-BLDG0603
				Location ID: A3-BLDG0595	A3-BLDG0603
				Location Type: Non-Residence	Non-Residence
				Address: Building 595,COMMAND TRAINING BLDG	Building 603,NMC CONTRACT ADMIN HQ
				Field Sample ID: A3-TW-0014377-22102-N	A3-TW-0014395-22102-N
				Sample Date: 2022-04-26	2022-04-26
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	100	360
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	211	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	3.30	2.00
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	0.710	0.710
	Copper	1300	MCL	69.1	101
	Lead	15	MCL	0.360	ND
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.350	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
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A3

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: A3-BLDG0595 A3-BLDG0603	
				Location Type: Non-Residence Non-Residence	Address: Building 595,COMMAND TRAINING BLDG Building 603,NMC CONTRACT ADMIN HQ
				Field Sample ID: A3-TW-0014377-22102-N A3-TW-0014395-22102-N	
				Sample Date: 2022-04-26 2022-04-26	
				Sample Type: N (Normal) N (Normal)	
Volatile Organic Compounds (ppb)	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	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND
	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND

**Summary of Chemistry Results
 Zone A3 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Other Buildings in Zone A3

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:	A3-BLDG0595	A3-BLDG0603
Location Type:	Non-Residence	Non-Residence
Address:	Building 595,COMMAND TRAINING BLDG	Building 603,NMC CONTRACT ADMIN HQ
Field Sample ID:	A3-TW-0014377- 22102-N	A3-TW-0014395- 22102-N
Sample Date:	2022-04-26	2022-04-26
Sample Type:	N (Normal)	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-BLDG0595	A3-BLDG0603
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	1.10	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	1.10	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.500	ND
	Bromoform	--	--	6.00	0.590
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	2.00	ND
	Total Trihalomethanes	80	MCL	8.40	0.590

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A3

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:		A3-HYD1426		A3-HYD1743		A3-HYD2499		A3-HYD663		A3-HYD664		A3-HYD809	
		Location Type:		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant	
		Address:		FH ID: SA-LFH 2		A3-SA-JFH-44		FH752		SA-JFH-52		SA-JFH-4		SA-JFH-28	
		Field Sample ID:		A3-DL-0000504-22102	A3-DL-0000504-22102	A3-DL-0017762-22102	A3-DL-0017763-22102	A3-DL-0017764-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017766-22102	A3-DL-0017766-22102	
				-3-N	-N	-N	-N	-N	-N	-3-N	-N	-N	-N	-N	
		Sample Date:		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25	
		Sample Type:		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level												
Field Test (ppb)	Free Chlorine	4000	MCL	40.0	40.0	380	50.0	410	320	320	510				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	390	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	58.9	ND	ND	ND	ND				
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	58.9	ND	ND	ND	ND				
Metals (ppb)	Antimony	6	MCL	ND	0.130	ND	ND	ND	ND	ND	ND				
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Barium	2000	MCL	2.30	2.30	2.10	5.90	1.90	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	1.10	1.20	1.10	1.10	1.10	1.10	1.10	1.10				
	Copper	1300	MCL	2.90	3.10	2.70	1.70	1.90	1.50	1.60	1.10				
	Lead	15	MCL	ND	ND	0.310	0.230	0.140	0.310	0.280	ND				
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Selenium	50	MCL	0.520	0.770	0.600	1.20	0.920	0.640	0.650	0.750				
	Thallium	2	MCL	0.0550	ND	ND	ND	ND	ND	ND	ND				
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND				
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND				
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND				
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND				

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A3

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

		Location ID:		A3-HYD1426		A3-HYD1743		A3-HYD2499		A3-HYD663		A3-HYD664		A3-HYD809						
		Location Type:		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant						
		Address:		FH ID: SA-LFH 2		A3-SA-JFH-44		FH752		SA-JFH-52		SA-JFH-4		SA-JFH-28						
		Field Sample ID:		A3-DL-0000504-22102 -3-N		A3-DL-0000504-22102 -N		A3-DL-0017762-22102 -N		A3-DL-0017763-22102 -N		A3-DL-0017764-22102 -N		A3-DL-0017765-22102 -3-N		A3-DL-0017765-22102 -N		A3-DL-0017766-22102 -N		
		Sample Date:		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		
		Sample Type:		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)		N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level																	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A3

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		Location ID:		A3-HYD1426		A3-HYD1743		A3-HYD2499		A3-HYD663		A3-HYD664		A3-HYD809	
		Location Type:		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant		Hydrant	
		Address:		FH ID: SA-LFH 2		A3-SA-JFH-44		FH752		SA-JFH-52		SA-JFH-4		SA-JFH-28	
		Field Sample ID:		A3-DL-0000504-22102	A3-DL-0000504-22102	A3-DL-0017762-22102	A3-DL-0017763-22102	A3-DL-0017764-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017765-22102	A3-DL-0017766-22102	A3-DL-0017766-22102	A3-DL-0017766-22102
				-3-N	-N	-N	-N	-N	-N	-3-N	-N	-N	-N	-N	-N
		Sample Date:		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25		2022-04-25	
		Sample Type:		FD (Field Duplicate)		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level												
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	10.7	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.760	0.710	ND	28.5	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	4.70	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.550	ND	ND	19.4	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.30	0.710	ND	63.3	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results
Zone A3 Long Term Monitoring
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Drinking Water Samples Collected in April 2022 from Fire Hydrants in Zone A3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HYD908	A3-HYD920
				Location ID: A3-HYD908	A3-HYD920
				Location Type: Hydrant	Hydrant
				Address: SA-JFH-72	SA-JFH-7
				Field Sample ID: A3-DL-0017767-22102-N	A3-DL-0017768-22102-N
				Sample Date: 2022-04-25	2022-04-25
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	410	70.0
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	211	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	2.00	1.90
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.10	1.10
	Copper	1300	MCL	1.80	5.30
	Lead	15	MCL	ND	0.190
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.630	0.660
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	A3-HYD908	Hydrant	SA-JFH-72	A3-DL-0017767-22102-N	2022-04-25	N (Normal)
	1,2-Dichlorobenzene	600	MCL	A3-HYD920	Hydrant	SA-JFH-7	A3-DL-0017768-22102-N	2022-04-25	N (Normal)
	1,2-Dichloroethane	5	MCL						
	1,2-Dichloroethene	70	MCL						
	1,2-Dichloropropane	5	MCL						
	1,4-Dichlorobenzene	75	MCL						
	Benzene	5	MCL						
	Carbon Tetrachloride	5	MCL						
	Chlorobenzene	100	MCL						
	cis-1,2-Dichloroethene	70	MCL						
	Ethylbenzene	700	MCL						
	m,p-Xylene	--	--						
	Methylene chloride	5	MCL						
	o-Xylene	--	--						
	Styrene	100	MCL						
	Tetrachloroethene (PCE)	5	MCL						
	Toluene	1000	MCL						
	trans-1,2-Dichloroethene	100	MCL						
	Trichloroethene (TCE)	5	MCL						
	Vinyl chloride	2	MCL						
Xylenes, Total	10000	MCL							
Haloacetic Acids (ppb)	Bromoacetic acid	--	--						
	Chloroacetic acid	--	--						
	Dibromoacetic acid	--	--						
	Dichloroacetic acid	--	--						

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HYD908	A3-HYD920
Haloacetic Acids (ppb)	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

Location ID:	A3-HYD908	A3-HYD920
Location Type:	Hydrant	Hydrant
Address:	SA-JFH-72	SA-JFH-7
Field Sample ID:	A3-DL-0017767-22102 -N	A3-DL-0017768-22102 -N
Sample Date:	2022-04-25	2022-04-25
Sample Type:	N (Normal)	N (Normal)