

**Summary of Chemistry Results
Zone B1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone B1

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
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		Location ID:	B1-HAPU2879A	B1-HAPU2879C		B1-HEKA1132	B1-HEKA1159	B1-HONU1106	B1-HONU1207	B1-KOKI2850D	
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	2879A Hapue Loop	2879C Hapue Loop		1132 Hekau Street	1159 Hekau Street	1106 Honu Loop	1207 Honu Loop	2850D Kokio Loop	
		Field Sample ID:	B1-TW-0017613-22092-N	B1-TW-0000489-22092-3-N	B1-TW-0000489-22092-N	B1-TW-0010478-22092-N	B1-TW-0010484-22092-N	B1-TW-0010497-22092-N	B1-TW-0010508-22092-N	B1-TW-0017583-22092-N	
		Sample Date:	2022-04-29	2022-04-22	2022-04-22	2022-04-15	2022-04-12	2022-04-13	2022-04-14	2022-04-20	
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	350	380	380	430	480	560	550	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	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	0.150	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.30	1.90	1.70	1.80	1.80	1.80	2.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	1.60	ND
	Chromium	100	MCL	1.30	1.10	1.10	0.830	1.50	0.780	ND	0.900
	Copper	1300	MCL	20.3	3.60	13.1	16.4	5.20	37.5	9.20	18.8
	Lead	15	MCL	0.240	0.140	ND	0.150	ND	0.850	6.70	0.300
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.560	ND	0.300	0.440	ND	0.610	0.370	0.350
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	1.70	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:	B1-HAPU2879C		B1-HEKA1132	B1-HEKA1159	B1-HONU1106	B1-HONU1207	B1-KOKI2850D	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	2879C Hapue Loop		1132 Hekau Street	1159 Hekau Street	1106 Honu Loop	1207 Honu Loop	2850D Kokio Loop	
				Field Sample ID:	B1-TW-0017613-22092-N	B1-TW-0000489-22092-3-N	B1-TW-0000489-22092-N	B1-TW-0010478-22092-N	B1-TW-0010484-22092-N	B1-TW-0010497-22092-N	B1-TW-0010508-22092-N	B1-TW-0017583-22092-N
				Sample Date:	2022-04-29	2022-04-22	2022-04-22	2022-04-15	2022-04-12	2022-04-13	2022-04-14	2022-04-20
				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	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

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				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	2879C Hapue Loop		1132 Hekau Street	1159 Hekau Street	1106 Honu Loop	1207 Honu Loop	2850D Kokio Loop	
				Field Sample ID:	B1-TW-0017613-22092-N	B1-TW-0000489-22092-3-N	B1-TW-0000489-22092-N	B1-TW-0010478-22092-N	B1-TW-0010484-22092-N	B1-TW-0010497-22092-N	B1-TW-0010508-22092-N	B1-TW-0017583-22092-N
				Sample Date:	2022-04-29	2022-04-22	2022-04-22	2022-04-15	2022-04-12	2022-04-13	2022-04-14	2022-04-20
				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	--	--	0.570	0.920	ND	0.610	ND	ND	0.690	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	0.850	ND	0.630	ND	0.590	0.780	ND	
	Total Trihalomethanes	80	MCL	0.570	1.80	ND	1.20	ND	0.590	1.50	ND	

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		Location ID:	B1-KUPA2872B	B1-KUPA2888A	B1-MCGR0372	B1-MCGR0405		B1-MCGR0408	B1-MCGR0559		
		Location Type:	Residence	Residence	Residence	Residence		Residence	Residence		
		Address:	2872B Kupalii Loop	2888A Kupalii Loop	372 McGrew Loop	405 McGrew Loop		408 McGrew Loop	559 McGrew Loop		
		Field Sample ID:	B1-TW-0017606-22092-N	B1-TW-0017631-22092-N	B1-TW-0010517-22092-N	B1-TW-0010524-22092-3-N	B1-TW-0010524-22092-N	B1-TW-0010525-22092-N	B1-TW-0009389-22092-3-N	B1-TW-0009389-22092-N	
		Sample Date:	2022-04-13	2022-04-13	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-13	2022-04-13	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	280	100	550	310	310	100	660	660
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	0.110	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.20	1.80	1.80	1.80	1.80	1.80	1.80
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	0.830	0.810	ND	ND	ND	0.770	0.750
	Copper	1300	MCL	11.3	22.4	17.4	8.40	9.90	21.9	3.40	4.40
	Lead	15	MCL	0.220	0.230	0.130	0.200	0.280	0.230	ND	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.760	0.770	0.530	0.470	0.490	0.540	0.870	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-KUPA2872B	B1-KUPA2888A	B1-MCGR0372	B1-MCGR0405		B1-MCGR0408	B1-MCGR0559	
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	
				Address:	2872B Kupalii Loop	2888A Kupalii Loop	372 McGrew Loop	405 McGrew Loop		408 McGrew Loop	559 McGrew Loop	
				Field Sample ID:	B1-TW-0017606-22092-N	B1-TW-0017631-22092-N	B1-TW-0010517-22092-N	B1-TW-0010524-22092-3-N	B1-TW-0010524-22092-N	B1-TW-0010525-22092-N	B1-TW-0009389-22092-3-N	B1-TW-0009389-22092-N
				Sample Date:	2022-04-13	2022-04-13	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-13	2022-04-13
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	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:	2872B Kupalii Loop	2888A Kupalii Loop	372 McGrew Loop	405 McGrew Loop		408 McGrew Loop	559 McGrew Loop	
				Field Sample ID:	B1-TW-0017606-22092-N	B1-TW-0017631-22092-N	B1-TW-0010517-22092-N	B1-TW-0010524-22092-3-N	B1-TW-0010524-22092-N	B1-TW-0010525-22092-N	B1-TW-0009389-22092-3-N	B1-TW-0009389-22092-N
				Sample Date:	2022-04-13	2022-04-13	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-13	2022-04-13
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	1.60	3.10	ND	ND	ND
	Bromoform	--	--	ND	ND	0.630	ND	5.90	9.00	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	0.890	2.00	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.960	ND	4.70	7.10	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.60	ND	13.1	21.1	ND	ND	ND

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Location ID:	B1-OLIA2915D
Location Type:	Residence
Address:	2915D Oliana Loop
Field Sample ID:	B1-TW-0017569-22092-N
Sample Date:	2022-04-13
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	540
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	2.10
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	0.780
	Copper	1300	MCL	8.60
	Lead	15	MCL	0.170
	Mercury	2	MCL	ND
	Selenium	50	MCL	0.630
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

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Location ID:	B1-OLIA2915D
Location Type:	Residence
Address:	2915D Oliana Loop
Field Sample ID:	B1-TW-0017569-22092-N
Sample Date:	2022-04-13
Sample Type:	N (Normal)

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

**Summary of Chemistry Results
 Zone B1 Long Term Monitoring
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone B1

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:	B1-OLIA2915D
Location Type:	Residence
Address:	2915D Oliana Loop
Field Sample ID:	B1-TW-0017569-22092-N
Sample Date:	2022-04-13
Sample Type:	N (Normal)

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

**Summary of Chemistry Results
Zone B1 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 B1

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	B1-BLDG0555	B1-BLDG0575
				Location ID: B1-BLDG0555	B1-BLDG0575
				Location Type: Non-Residence	Non-Residence
				Address: Building 555, USS BOWFIN SHOP/BREAK ROOM, 11 Arizona Memorial Dr (Bldg marked '593')	MWR BOATHOUSE
				Field Sample ID: B1-TW-0014430-22092-N	B1-TW-0017704-22092-N
				Sample Date: 2022-04-25	2022-04-14
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	540	640
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	2.30	1.70
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	1.10	ND
	Copper	1300	MCL	47.5	110
	Lead	15	MCL	ND	0.150
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.660	0.450
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 B1 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 B1

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 Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	B1-BLDG0555	Non-Residence	Building 555, USS BOWFIN SHOP/BREAK ROOM, 11 Arizona Memorial Dr (Bldg marked '593')	B1-TW-0014430-22092-N	2022-04-25	N (Normal)
	1,1,2-Trichloroethane	5	MCL	B1-BLDG0575	Non-Residence	MWR BOATHOUSE	B1-TW-0017704-22092-N	2022-04-14	N (Normal)
	1,1-Dichloroethene	7	MCL						
	1,2,4-Trichlorobenzene	70	MCL						
	1,2-Dichlorobenzene	600	MCL						
	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							

**Summary of Chemistry Results
Zone B1 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 B1

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	B1-BLDG0555	B1-BLDG0575
Volatile Organic Compounds (ppb)	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND
	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	0.510	ND
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	ND
	Total Trihalomethanes	80	MCL	0.510	ND

Location ID:	B1-BLDG0555	B1-BLDG0575
Location Type:	Non-Residence	Non-Residence
Address:	Building 555, USS BOWFIN SHOP/BREAK ROOM, 11 Arizona Memorial Dr (Bldg marked '593')	MWR BOATHOUSE
Field Sample ID:	B1-TW-0014430-22092-N	B1-TW-0017704-22092-N
Sample Date:	2022-04-25	2022-04-14
Sample Type:	N (Normal)	N (Normal)

**Summary of Chemistry Results
Zone B1 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 B1

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	B1-HYD0006	B1-HYD541
				Location ID: B1-HYD0006	B1-HYD541
				Location Type: Hydrant	Hydrant
				Address: FH 6 (B1-HYD545)	FH ID: 8
				Field Sample ID: B1-DL-0017728-22092-N	B1-DL-0000512-22092-N
				Sample Date: 2022-04-13	2022-04-13
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	560	580
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	1.90	1.90
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	0.750	0.770
	Copper	1300	MCL	4.20	4.20
	Lead	15	MCL	0.240	0.230
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.700	0.560
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND

**Summary of Chemistry Results
Zone B1 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 B1

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: B1-HYD0006		Location ID: B1-HYD541	
				Location Type: Hydrant	Address: FH 6 (B1-HYD545)	Location Type: Hydrant	Address: FH ID: 8
				Field Sample ID: B1-DL-0017728-22092-N		Field Sample ID: B1-DL-0000512-22092-N	
				Sample Date: 2022-04-13		Sample Date: 2022-04-13	
				Sample Type: N (Normal)		Sample Type: N (Normal)	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND		ND	
	1,2-Dichlorobenzene	600	MCL	ND		ND	
	1,2-Dichloroethane	5	MCL	ND		ND	
	1,2-Dichloroethene	70	MCL	ND		ND	
	1,2-Dichloropropane	5	MCL	ND		ND	
	1,4-Dichlorobenzene	75	MCL	ND		ND	
	Benzene	5	MCL	ND		ND	
	Carbon Tetrachloride	5	MCL	ND		ND	
	Chlorobenzene	100	MCL	ND		ND	
	cis-1,2-Dichloroethene	70	MCL	ND		ND	
	Ethylbenzene	700	MCL	ND		ND	
	m,p-Xylene	--	--	ND		ND	
	Methylene chloride	5	MCL	ND		ND	
	o-Xylene	--	--	ND		ND	
	Styrene	100	MCL	ND		ND	
	Tetrachloroethene (PCE)	5	MCL	ND		ND	
	Toluene	1000	MCL	ND		ND	
	trans-1,2-Dichloroethene	100	MCL	ND		ND	
	Trichloroethene (TCE)	5	MCL	ND		ND	
	Vinyl chloride	2	MCL	ND		ND	
	Xylenes, Total	10000	MCL	ND		ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND		ND	
	Chloroacetic acid	--	--	ND		ND	
	Dibromoacetic acid	--	--	ND		ND	
	Dichloroacetic acid	--	--	ND		ND	

**Summary of Chemistry Results
 Zone B1 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 B1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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§ - Exceeds Screening Level
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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:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	B1-HYD0006	Hydrant	FH 6 (B1-HYD545)	B1-DL-0017728-22092-N	2022-04-13	N (Normal)
	Total Haloacetic acids	60	MCL	B1-HYD541	Hydrant	FH ID: 8	B1-DL-0000512-22092-N	2022-04-13	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--						
	Bromoform	--	--						
	Chloroform	--	--						
	Dibromochloromethane	--	--						
	Total Trihalomethanes	80	MCL						