

**Summary of Chemistry Results  
Zone H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Residences in Zone H2**

<b>Notes:</b>
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:	H2-ISHI6428		H2-KOBA4491	H2-MAHO5461	H2-MORI6810	H2-MORI6845	H2-NIM 6318	
				H2-CROS6524	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	6428 Ishibashi Lane		4491 Kobashigawa Street	5461 Mahogany Lane	6810 Morishige Lane	6845 Morishige Lane	6318 Nim Lane	
				Field Sample ID:	H2-TW-0013470-22130-A	H2-TW-0013589-22130-3-A	H2-TW-0013589-22130-A	H2-TW-0013494-22130-A	H2-TW-0013599-22130-A-R1	H2-TW-0013615-22130-A	H2-TW-0013620-22130-A	H2-TW-0013523-22130-A
				Sample Date:	2022-05-31	2022-06-01	2022-06-01	2022-05-26	2022-06-15	2022-05-27	2022-05-26	2022-05-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	890	200	200	70.0	850	410	70.0	290	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	78.0	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	78.0	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.170	ND	ND	ND	ND	
	Arsenic	10	MCL	0.590	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	3.70	3.90	3.90	4.20	2.80	3.60	4.20	4.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Copper	1300	MCL	24.6	21.1	23.6	10.1	21.2	11.6	19.7	28.7	
	Lead	15	MCL	0.410	1.10	1.10	0.620	2.30	0.820	3.00	0.850	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.50	0.780	0.880	0.320	0.490	ND	1.10	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:	H2-ISHI6428		H2-KOBA4491	H2-MAHO5461	H2-MORI6810	H2-MORI6845	H2-NIM 6318	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6428 Ishibashi Lane		4491 Kobashigawa Street	5461 Mahogany Lane	6810 Morishige Lane	6845 Morishige Lane	6318 Nim Lane	
				Field Sample ID:	H2-TW-0013470-22130-A	H2-TW-0013589-22130-3-A	H2-TW-0013589-22130-A	H2-TW-0013494-22130-A	H2-TW-0013599-22130-A-R1	H2-TW-0013615-22130-A	H2-TW-0013620-22130-A	H2-TW-0013523-22130-A
				Sample Date:	2022-05-31	2022-06-01	2022-06-01	2022-05-26	2022-06-15	2022-05-27	2022-05-26	2022-05-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Grab, Resample)	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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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H2-ISHI6428		H2-KOBA4491	H2-MAHO5461	H2-MORI6810	H2-MORI6845	H2-NIM 6318	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6428 Ishibashi Lane		4491 Kobashigawa Street	5461 Mahogany Lane	6810 Morishige Lane	6845 Morishige Lane	6318 Nim Lane	
				Field Sample ID:	H2-TW-0013470-22130-A	H2-TW-0013589-22130-3-A	H2-TW-0013589-22130-A	H2-TW-0013494-22130-A	H2-TW-0013599-22130-A-R1	H2-TW-0013615-22130-A	H2-TW-0013620-22130-A	H2-TW-0013523-22130-A
				Sample Date:	2022-05-31	2022-06-01	2022-06-01	2022-05-26	2022-06-15	2022-05-27	2022-05-26	2022-05-26
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	2.50	1.50	2.20	0.960	0.570	0.830	1.20	1.20	1.20
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	1.30	0.940	1.00	ND	ND	ND	0.760	0.700	0.700
	Total Trihalomethanes	80	MCL	3.80	2.40	3.20	0.960	0.570	0.830	1.90	1.90	1.90

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		Location ID:	H2-NIU 6644	H2-NUHO6791	H2-SKYV0910	H2-SKYV0920	H2-VITE6422	
		Location Type:	Residence	Residence	Residence	Residence	Residence	
		Address:	6644 Niu Street	6791 Nuholani Street	910 Skyview Loop	920 Skyview Loop	6422 Vitex Lane	
		Field Sample ID:	H2-TW-0013535-22130-A	H2-TW-0013551-22130-A	H2-TW-0013555-22130-A	H2-TW-0013557-22130-A	H2-TW-0013573-22130-A	
		Sample Date:	2022-05-31	2022-05-26	2022-05-26	2022-05-25	2022-05-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	H2-NIU 6644	H2-NUHO6791	H2-SKYV0910	H2-SKYV0920	H2-VITE6422
Field Test (ppb)	Free Chlorine	4000	MCL	520	210	30.0	70.0	760
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	70.4	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	70.4	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	0.160	ND	ND
	Arsenic	10	MCL	ND	ND	0.530	ND	ND
	Barium	2000	MCL	3.50	4.50	4.40	3.60	3.30
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND
	Copper	1300	MCL	57.8	10.3	16.3	17.2	10.9
	Lead	15	MCL	1.00	0.570	0.730	0.710	0.230
	Mercury	2	MCL	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	0.970	1.10	0.890	0.420
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND

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		Location ID:	H2-NIU 6644	H2-NUHO6791	H2-SKYV0910	H2-SKYV0920	H2-VITE6422
		Location Type:	Residence	Residence	Residence	Residence	Residence
		Address:	6644 Niu Street	6791 Nuholani Street	910 Skyview Loop	920 Skyview Loop	6422 Vitex Lane
		Field Sample ID:	H2-TW-0013535-22130-A	H2-TW-0013551-22130-A	H2-TW-0013555-22130-A	H2-TW-0013557-22130-A	H2-TW-0013573-22130-A
		Sample Date:	2022-05-31	2022-05-26	2022-05-26	2022-05-25	2022-05-27
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND

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				Location Type:	Residence	Residence	Residence	Residence	Residence
				Address:	6644 Niu Street	6791 Nuholani Street	910 Skyview Loop	920 Skyview Loop	6422 Vitex Lane
				Field Sample ID:	H2-TW-0013535-22130-A	H2-TW-0013551-22130-A	H2-TW-0013555-22130-A	H2-TW-0013557-22130-A	H2-TW-0013573-22130-A
				Sample Date:	2022-05-31	2022-05-26	2022-05-26	2022-05-25	2022-05-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.40	0.600	3.30	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.780	ND	1.70	ND	ND	ND
	Total Trihalomethanes	80	MCL	2.20	0.600	4.90	ND	ND	ND

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**Drinking Water Samples collected in May 2022 from Child Development Homes in Zone H2**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H2-NAUP6207      H2-NAUP6258	
				Location Type: Residential Child Care	Location Type: Residential Child Care
				Address: 6207 Naupaka Street (CDH)      6258 Naupaka Street (CDH)	
				Field Sample ID: H2-TW-0013496-22130-A      H2-TW-0013518-22130-A	
				Sample Date: 2022-05-27      2022-05-26	
				Sample Type: N (Normal)      N (Normal)	
Field Test (ppb)	Free Chlorine	4000	MCL	630	70.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	53.0	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	53.0	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	3.60	4.10
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	ND	ND
	Copper	1300	MCL	7.70	18.0
	Lead	15	MCL	0.580	1.10
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.660	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location Information	
				Location ID	Location Type
				H2-NAUP6207	H2-NAUP6258
				Residential Child Care	Residential Child Care
				6207 Naupaka Street (CDH)	6258 Naupaka Street (CDH)
				H2-TW-0013496-22130-A	H2-TW-0013518-22130-A
				2022-05-27	2022-05-26
				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 H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Child Development Homes in Zone H2**

<b>Notes:</b>
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: H2-NAUP6207      H2-NAUP6258	
				Location Type: Residential Child Care	Location Type: Residential Child Care
				Address: 6207 Naupaka Street (CDH)	Address: 6258 Naupaka Street (CDH)
				Field Sample ID: H2-TW-0013496-22130-A	Field Sample ID: H2-TW-0013518-22130-A
				Sample Date: 2022-05-27	Sample Date: 2022-05-26
				Sample Type: N (Normal)	Sample Type: 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	1.50
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	ND	0.940
	Total Trihalomethanes	80	MCL	ND	2.40

**Summary of Chemistry Results  
Zone H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Other Buildings in Zone H2**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

<b>Location ID:</b>	H2-BLDG0014
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	18 Crater Rim Drive BLDG14-Maintenance Warehouse
<b>Field Sample ID:</b>	H2-TW-0011908- 22130-A
<b>Sample Date:</b>	2022-05-27
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	200
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	55.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	55.2
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	ND
	Barium	2000	MCL	3.80
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	ND
	Copper	1300	MCL	41.5
	Lead	15	MCL	0.420
	Mercury	2	MCL	ND
	Selenium	50	MCL	0.620
Thallium	2	MCL	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND

**Summary of Chemistry Results  
Zone H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Other Buildings in Zone H2**

<b>Notes:</b>
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N (Grab, Resample) = Additional follow-up sample

<b>Location ID:</b>	H2-BLDG0014
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	18 Crater Rim Drive BLDG14-Maintenance Warehouse
<b>Field Sample ID:</b>	H2-TW-0011908- 22130-A
<b>Sample Date:</b>	2022-05-27
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND
	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

**Summary of Chemistry Results  
 Zone H2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Other Buildings in Zone H2**

<b>Notes:</b>
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N (Grab, Resample) = Additional follow-up sample

<b>Location ID:</b>	H2-BLDG0014
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	18 Crater Rim Drive BLDG14-Maintenance Warehouse
<b>Field Sample ID:</b>	H2-TW-0011908- 22130-A
<b>Sample Date:</b>	2022-05-27
<b>Sample Type:</b>	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND
	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.520
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	0.520

**Summary of Chemistry Results  
Zone H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Fire Hydrants in Zone G2**

<b>Notes:</b>
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:	H2-HYD1331A	H2-HYD1646A	H2-HYD377A	
				Location Type:	Hydrant	Hydrant	Hydrant	
				Address:	Hydrant 1331	Hydrant 1646	HYD-377A	
				Field Sample ID:	H2-DL-0017758-22130-A	H2-DL-0000688-22130-A	H2-DL-0000620-22130-3-A	H2-DL-0000620-22130-A
				Sample Date:	2022-05-24	2022-05-24	2022-05-24	2022-05-24
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	440	460	30.0	30.0	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	
	Barium	2000	MCL	4.90	4.80	7.00	7.10	
	Beryllium	4	MCL	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	
	Chromium	100	MCL	ND	ND	ND	ND	
	Copper	1300	MCL	6.30	7.10	1.40	2.30	
	Lead	15	MCL	0.740	0.980	0.530	0.660	
	Mercury	2	MCL	ND	ND	ND	ND	
	Selenium	50	MCL	2.00	1.50	0.760	1.60	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	

**Summary of Chemistry Results  
Zone H2 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Fire Hydrants in Zone G2**

<b>Notes:</b>
ND = Not Detected
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EPA MCL = EPA Maximum Contaminant Level
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	
				H2-HYD1331A	H2-HYD1646A	H2-HYD377A	
				Hydrant	Hydrant	Hydrant	
				Hydrant 1331	Hydrant 1646	HYD-377A	
				Field Sample ID: H2-DL-0017758-22130-A	Field Sample ID: H2-DL-0000688-22130-A	Field Sample ID: H2-DL-0000620-22130-3-A	Field Sample ID: H2-DL-0000620-22130-A
				Sample Date: 2022-05-24	Sample Date: 2022-05-24	Sample Date: 2022-05-24	Sample Date: 2022-05-24
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	1.40	1.40
	Dichloroacetic acid	--	--	ND	ND	ND	ND

**Summary of Chemistry Results  
 Zone H2 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in May 2022 from Fire Hydrants in Zone G2**

<b>Notes:</b>
ND = Not Detected
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H2-HYD1331A	H2-HYD1646A	H2-HYD377A	
				Location Type:	Hydrant	Hydrant	Hydrant	
				Address:	Hydrant 1331	Hydrant 1646	HYD-377A	
				Field Sample ID:	H2-DL-0017758-22130-A	H2-DL-0000688-22130-A	H2-DL-0000620-22130-3-A	H2-DL-0000620-22130-A
				Sample Date:	2022-05-24	2022-05-24	2022-05-24	2022-05-24
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	1.40	1.40	1.40
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	1.30	1.30	1.30
	Bromoform	--	--	0.720	0.930	22.1	21.2	21.2
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	6.20	5.80	5.80
	Total Trihalomethanes	80	MCL	0.720	0.930	29.6	28.2	28.2