

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMA 3216	H1-AMA 3227	H1-AMAP3738					
				Location Type:	Residence	Residence	Residence	Residence				
				Address:	2331 Acacia Lane	3216 Ama Drive	3227 Ama Drive	3738 Amapa Lane				
				Field Sample ID:	H1-TW-0013154-22092-A	H1-TW-0013180-22092-A	H1-TW-0013186-22092-A	H1-TW-0013218-22092-A	H1-TW-0013218-22092-A-1	H1-TW-0013218-22092-A-2	H1-TW-0013218-22092-A-3	H1-TW-0013218-22092-A-4
				Sample Date:	2022-04-28	2022-04-29	2022-04-15	2022-04-15	2022-04-28	2022-04-28	2022-04-28	2022-04-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Field Test (ppb)	Free Chlorine	4000	MCL	580	550	420	430	540-790	540-790	540-790	540-790	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	--	--	--	--	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	53.3	--	--	--	--	
	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	53.3	--	--	--	--	
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	5.30	5.00	6.30	6.70	4.70	4.60	4.50	4.90	
	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	ND	ND	ND	ND	ND	ND	ND	ND	
	Copper	1300	MCL	2.90	8.10	26.2	117	3.70	16.5	16.5	41.2	
	Lead	15	MCL	0.180	0.390	1.60	22.4 §	0.140	4.00	3.30	8.70	
	Mercury	2	MCL	ND	ND	ND	0.0360	ND	ND	ND	ND	
	Selenium	50	MCL	0.810	0.370	0.460	0.510	0.730	1.00	0.770	0.850	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	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 H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMA 3216	H1-AMA 3227	H1-AMAP3738					
				Location Type:	Residence	Residence	Residence	Residence				
				Address:	2331 Acacia Lane	3216 Ama Drive	3227 Ama Drive	3738 Amapa Lane				
				Field Sample ID:	H1-TW-0013154-22092-A	H1-TW-0013180-22092-A	H1-TW-0013186-22092-A	H1-TW-0013218-22092-A	H1-TW-0013218-22092-A-1	H1-TW-0013218-22092-A-2	H1-TW-0013218-22092-A-3	H1-TW-0013218-22092-A-4
				Sample Date:	2022-04-28	2022-04-29	2022-04-15	2022-04-15	2022-04-28	2022-04-28	2022-04-28	2022-04-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
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	--	--	--	--	

**Summary of Chemistry Results  
 Zone H1 Long Term Monitoring  
 Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMA 3216	H1-AMA 3227	H1-AMAP3738					
				Location Type:	Residence	Residence	Residence	Residence				
				Address:	2331 Acacia Lane	3216 Ama Drive	3227 Ama Drive	3738 Amapa Lane				
				Field Sample ID:	H1-TW-0013154-22092-A	H1-TW-0013180-22092-A	H1-TW-0013186-22092-A	H1-TW-0013218-22092-A	H1-TW-0013218-22092-A-1	H1-TW-0013218-22092-A-2	H1-TW-0013218-22092-A-3	H1-TW-0013218-22092-A-4
				Sample Date:	2022-04-28	2022-04-29	2022-04-15	2022-04-15	2022-04-28	2022-04-28	2022-04-28	2022-04-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	--	--	--	--	--
	Bromoform	--	--	1.10	ND	ND	ND	--	--	--	--	--
	Chloroform	--	--	ND	ND	ND	ND	--	--	--	--	--
	Dibromochloromethane	--	--	0.790	ND	ND	ND	--	--	--	--	--
	Total Trihalomethanes	80	MCL	1.90	ND	ND	ND	--	--	--	--	--

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMAP3738	H1-AMAP3743	H1-BAMB3607	H1-BAMB3644		H1-BEGO4162	H1-BOUG0199	H1-BOUG0600
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3738 Amapa Lane	3743 Amapa Lane	3607 Bamboo Lane	3644 Bamboo Lane		4162 Begonia Loop	199 Bougainvillea Loop	600 Bougainvillea Loop
				Field Sample ID:	H1-TW-0013218-22092-A-R1	H1-TW-0013221-22092-A	H1-TW-0013237-22092-A	H1-TW-0013256-22092-3-A	H1-TW-0013256-22092-A	H1-TW-0013280-22092-A	H1-TW-0013298-22092-A	H1-TW-0013335-22092-A
				Sample Date:	2022-04-28	2022-04-18	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15
				Sample Type:	N (Grab, Resample)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	540-790	510	490	390	390	420	240	30.0	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	66.5	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	--	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	--	ND	66.5	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	4.80	5.80	7.40	6.10	5.90	6.50	6.80	7.10	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Copper	1300	MCL	3.40	14.7	7.00	11.0	12.0	10.5	4.30	16.3	
	Lead	15	MCL	0.330	0.930	0.320	0.280	0.220	0.650	0.380	1.00	
	Mercury	2	MCL	ND	ND	0.0360	ND	ND	ND	0.110	ND	
	Selenium	50	MCL	0.780	0.310	0.550	0.430	0.550	0.650	0.650	0.590	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	--	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	--	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	--	1.40	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	--	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	--	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMAP3738	H1-AMAP3743	H1-BAMB3607	H1-BAMB3644		H1-BEGO4162	H1-BOUG0199	H1-BOUG0600
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3738 Amapa Lane	3743 Amapa Lane	3607 Bamboo Lane	3644 Bamboo Lane		4162 Begonia Loop	199 Bougainvillea Loop	600 Bougainvillea Loop
				Field Sample ID:	H1-TW-0013218-22092-A-R1	H1-TW-0013221-22092-A	H1-TW-0013237-22092-A	H1-TW-0013256-22092-3-A	H1-TW-0013256-22092-A	H1-TW-0013280-22092-A	H1-TW-0013298-22092-A	H1-TW-0013335-22092-A
				Sample Date:	2022-04-28	2022-04-18	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15
				Sample Type:	N (Grab, Resample)	N (Normal)	N (Normal)	FD (Field Duplicate)	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
	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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-AMAP3738	H1-AMAP3743	H1-BAMB3607	H1-BAMB3644		H1-BEGO4162	H1-BOUG0199	H1-BOUG0600
				Location Type:	Residence	Residence	Residence	Residence		Residence	Residence	Residence
				Address:	3738 Amapa Lane	3743 Amapa Lane	3607 Bamboo Lane	3644 Bamboo Lane		4162 Begonia Loop	199 Bougainvillea Loop	600 Bougainvillea Loop
				Field Sample ID:	H1-TW-0013218-22092-A-R1	H1-TW-0013221-22092-A	H1-TW-0013237-22092-A	H1-TW-0013256-22092-3-A	H1-TW-0013256-22092-A	H1-TW-0013280-22092-A	H1-TW-0013298-22092-A	H1-TW-0013335-22092-A
				Sample Date:	2022-04-28	2022-04-18	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15
				Sample Type:	N (Grab, Resample)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	0.560	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	ND	0.570	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	1.10	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-BOUG0645	H1-CALA3049	H1-CALA3055					
				Location Type:	Residence	Residence	Residence					
				Address:	645 Bougainvillea Loop	3049 Calamondin Way	3055 Calamondin Way					
				Field Sample ID:	H1-TW-0013340-22092-A	H1-TW-0013353-22092-A	H1-TW-0013356-22092-A	H1-TW-0013356-22092-A-1	H1-TW-0013356-22092-A-2	H1-TW-0013356-22092-A-3	H1-TW-0013356-22092-A-4	H1-TW-0013356-22092-A-5
				Sample Date:	2022-04-14	2022-04-15	2022-04-14	2022-04-22	2022-04-22	2022-04-22	2022-04-22	2022-04-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Field Test (ppb)	Free Chlorine	4000	MCL	420	340	300	80.0-570	80.0-570	80.0-570	80.0-570	80.0-570	80.0-570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	--	--	--	--	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	--	--	--	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	--	--	--	--	--
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	--	--	--	--	--	--
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	--	--	--	--	--	--
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	6.30	6.40	5.90	3.00	3.80	3.40	2.90	3.00	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	0.960	1.10	1.30	0.990	1.10	
	Copper	1300	MCL	7.30	8.80	59.9	9.60	22.9	42.0	12.0	12.4	
	Lead	15	MCL	0.160	0.430	22.3 §	0.940	1.20	1.10	0.660	1.10	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.940	0.570	0.410	0.340	ND	0.480	ND	0.450	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	--	--	--	--	--	--
	2-Methylnaphthalene	10	EAL	ND	ND	ND	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	--	--	--	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	--	--	--	--	--	--
	Naphthalene	17	EAL	ND	ND	ND	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	--	--	--	--	--	--
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	--	--	--	--	--	--

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-BOUG0645	H1-CALA3049	H1-CALA3055					
				Location Type:	Residence	Residence	Residence					
				Address:	645 Bougainvillea Loop	3049 Calamondin Way	3055 Calamondin Way					
				Field Sample ID:	H1-TW-0013340-22092-A	H1-TW-0013353-22092-A	H1-TW-0013356-22092-A	H1-TW-0013356-22092-A-1	H1-TW-0013356-22092-A-2	H1-TW-0013356-22092-A-3	H1-TW-0013356-22092-A-4	H1-TW-0013356-22092-A-5
				Sample Date:	2022-04-14	2022-04-15	2022-04-14	2022-04-22	2022-04-22	2022-04-22	2022-04-22	2022-04-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	--	--	--	--	--	--
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	--	--	--	--	--	--
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	--	--	--	--	--	--
	1,2-Dichloroethane	5	MCL	ND	ND	ND	--	--	--	--	--	--
	1,2-Dichloroethene	70	MCL	ND	ND	ND	--	--	--	--	--	--
	1,2-Dichloropropane	5	MCL	ND	ND	ND	--	--	--	--	--	--
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	--	--	--	--	--	--
	Benzene	5	MCL	ND	ND	ND	--	--	--	--	--	--
	Carbon Tetrachloride	5	MCL	ND	ND	ND	--	--	--	--	--	--
	Chlorobenzene	100	MCL	ND	ND	ND	--	--	--	--	--	--
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	--	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	ND	ND	--	--	--	--	--	--
	m,p-Xylene	--	--	ND	ND	ND	--	--	--	--	--	--
	Methylene chloride	5	MCL	ND	ND	ND	--	--	--	--	--	--
	o-Xylene	--	--	ND	ND	ND	--	--	--	--	--	--
	Styrene	100	MCL	ND	ND	ND	--	--	--	--	--	--
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	--	--	--	--	--	--
	Toluene	1000	MCL	ND	ND	ND	--	--	--	--	--	--
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	--	--	--	--	--	--
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	--	--	--	--	--	--
Vinyl chloride	2	MCL	ND	ND	ND	--	--	--	--	--	--	
Xylenes, Total	10000	MCL	ND	ND	ND	--	--	--	--	--	--	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Chloroacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--



**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-BOUG0645	H1-CALA3049	H1-CALA3055					
				Location Type:	Residence	Residence	Residence					
				Address:	645 Bougainvillea Loop	3049 Calamondin Way	3055 Calamondin Way					
				Field Sample ID:	H1-TW-0013340-22092-A	H1-TW-0013353-22092-A	H1-TW-0013356-22092-A	H1-TW-0013356-22092-A-1	H1-TW-0013356-22092-A-2	H1-TW-0013356-22092-A-3	H1-TW-0013356-22092-A-4	H1-TW-0013356-22092-A-5
				Sample Date:	2022-04-14	2022-04-15	2022-04-14	2022-04-22	2022-04-22	2022-04-22	2022-04-22	2022-04-22
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Dichloroacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Trichloroacetic acid	--	--	ND	ND	ND	--	--	--	--	--	--
	Total Haloacetic acids	60	MCL	ND	ND	ND	--	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	--	--	--	--	--
	Bromoform	--	--	ND	ND	ND	--	--	--	--	--	--
	Chloroform	--	--	ND	ND	ND	--	--	--	--	--	--
	Dibromochloromethane	--	--	ND	ND	ND	--	--	--	--	--	--
	Total Trihalomethanes	80	MCL	ND	ND	ND	--	--	--	--	--	--

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-CALA3055	H1-CALA3089	H1-CALA3164	H1-CENT2233	H1-CENT2261	H1-CENT2270	H1-CORA2147	H1-FLAM2515	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care	Residence	
		Address:	3055 Calamondin Way	3089 Calamondin Way	3164 Calamondin Way	2233 Center Street	2261 Center Street	2270 Center Street	2147 Coral Lane (CDH)	2515 Flame Lane	
		Field Sample ID:	H1-TW-0013356-22092-A-R1	H1-TW-0012683-22092-A	H1-TW-0012705-22092-A	H1-TW-0012729-22092-A	H1-TW-0012744-22092-A	H1-TW-0012748-22092-A	H1-TW-0012781-22092-A	H1-TW-0012820-22092-A	
		Sample Date:	2022-04-22	2022-04-13	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15	2022-04-14	
		Sample Type:	N (Grab, Resample)	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	80.0-570	210	530	480	150	490	480	10.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	--	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	--	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	3.20	7.10	6.30	6.30	6.10	5.80	6.20	7.00
	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	1.00	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	5.90	9.50	9.20	7.10	2.10	14.6	11.0	4.00
	Lead	15	MCL	0.730	0.220	0.280	0.370	0.150	0.230	1.30	0.250
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.300	0.710	0.460	0.510	0.720	0.540	0.520	0.300
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
	2-Methylnaphthalene	10	EAL	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	--	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-CALA3055	H1-CALA3089	H1-CALA3164	H1-CENT2233	H1-CENT2261	H1-CENT2270	H1-CORA2147	H1-FLAM2515
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care	Residence
		Address:	3055 Calamondin Way	3089 Calamondin Way	3164 Calamondin Way	2233 Center Street	2261 Center Street	2270 Center Street	2147 Coral Lane (CDH)	2515 Flame Lane
		Field Sample ID:	H1-TW-0013356-22092-A-R1	H1-TW-0012683-22092-A	H1-TW-0012705-22092-A	H1-TW-0012729-22092-A	H1-TW-0012744-22092-A	H1-TW-0012748-22092-A	H1-TW-0012781-22092-A	H1-TW-0012820-22092-A
		Sample Date:	2022-04-22	2022-04-13	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15	2022-04-14
		Sample Type:	N (Grab, Resample)	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
	1,2,4-Trichlorobenzene	70	MCL	--	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	--	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	--	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	--	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	--	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	--	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	--	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	--	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	--	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	--	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	--	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	--	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	--	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	--	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	--	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	--	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	--	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	--	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-CALA3055	H1-CALA3089	H1-CALA3164	H1-CENT2233	H1-CENT2261	H1-CENT2270	H1-CORA2147	H1-FLAM2515
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residential Child Care	Residence
		Address:	3055 Calamondin Way	3089 Calamondin Way	3164 Calamondin Way	2233 Center Street	2261 Center Street	2270 Center Street	2147 Coral Lane (CDH)	2515 Flame Lane
		Field Sample ID:	H1-TW-0013356-22092-A-R1	H1-TW-0012683-22092-A	H1-TW-0012705-22092-A	H1-TW-0012729-22092-A	H1-TW-0012744-22092-A	H1-TW-0012748-22092-A	H1-TW-0012781-22092-A	H1-TW-0012820-22092-A
		Sample Date:	2022-04-22	2022-04-13	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-15	2022-04-14
		Sample Type:	N (Grab, Resample)	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
	Dichloroacetic acid	--	--	--	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	--	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	ND	ND	ND	1.50
	Bromoform	--	--	--	ND	ND	ND	ND	ND	14.4
	Chloroform	--	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	--	ND	ND	ND	ND	ND	5.80
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	ND	ND	21.7

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-GOLD6018	H1-GUAV3822	H1-IRON4023	H1-IRON4035	H1-IRON4062		H1-IRON4083	H1-KAMA4611	
		Location Type:	Residence	Residence	Residence	Residence	Residential Child Care		Residence	Residence	
		Address:	6018 Gold Lane	3822 Guava Lane	4023 Ironwood Loop	4035 Ironwood Loop	4062 Ironwood Loop		4083 Ironwood Loop	4611 Kamani Lane	
		Field Sample ID:	H1-TW-0012839-22092-A	H1-TW-0012856-22092-A	H1-TW-0012913-22092-A	H1-TW-0012916-22092-A	H1-TW-0012923-22092-3-A	H1-TW-0012923-22092-A	H1-TW-0012932-22092-A	H1-TW-0012971-22092-A	
		Sample Date:	2022-04-15	2022-04-14	2022-04-13	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14	
		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	520	180	410	370	310	310	500	640
Field Test (ppb)	Free Chlorine	4000	MCL	520	180	410	370	310	310	500	640
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	64.7	ND	56.9	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	64.7	ND	56.9	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	0.120	0.130	ND	0.120	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	7.30	6.10	6.90	7.00	6.10	6.20	7.00	5.70
	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	6.90	6.30	10.0	7.70	10.8	10.6	9.10	10.2
	Lead	15	MCL	1.20	0.160	2.00	0.400	0.370	0.350	0.270	0.280
	Mercury	2	MCL	ND	ND	ND	0.0310	ND	0.0350	ND	ND
	Selenium	50	MCL	0.560	0.630	1.10	0.670	0.800	0.600	0.640	0.550
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-GOLD6018	H1-GUAV3822	H1-IRON4023	H1-IRON4035	H1-IRON4062		H1-IRON4083	H1-KAMA4611
		Location Type:	Residence	Residence	Residence	Residence	Residential Child Care		Residence	Residence
		Address:	6018 Gold Lane	3822 Guava Lane	4023 Ironwood Loop	4035 Ironwood Loop	4062 Ironwood Loop		4083 Ironwood Loop	4611 Kamani Lane
		Field Sample ID:	H1-TW-0012839-22092-A	H1-TW-0012856-22092-A	H1-TW-0012913-22092-A	H1-TW-0012916-22092-A	H1-TW-0012923-22092-3-A	H1-TW-0012923-22092-A	H1-TW-0012932-22092-A	H1-TW-0012971-22092-A
		Sample Date:	2022-04-15	2022-04-14	2022-04-13	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14
		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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-GOLD6018	H1-GUAV3822	H1-IRON4023	H1-IRON4035	H1-IRON4062		H1-IRON4083	H1-KAMA4611
		Location Type:	Residence	Residence	Residence	Residence	Residential Child Care		Residence	Residence
		Address:	6018 Gold Lane	3822 Guava Lane	4023 Ironwood Loop	4035 Ironwood Loop	4062 Ironwood Loop		4083 Ironwood Loop	4611 Kamani Lane
		Field Sample ID:	H1-TW-0012839-22092-A	H1-TW-0012856-22092-A	H1-TW-0012913-22092-A	H1-TW-0012916-22092-A	H1-TW-0012923-22092-3-A	H1-TW-0012923-22092-A	H1-TW-0012932-22092-A	H1-TW-0012971-22092-A
		Sample Date:	2022-04-15	2022-04-14	2022-04-13	2022-04-15	2022-04-15	2022-04-15	2022-04-14	2022-04-14
		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	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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-KE S4639	H1-KIAW4636	H1-KIAW4642	H1-KOBA4435	H1-KOBA4512	H1-KOUL4655		H1-MACA5019
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4639 Ke Street	4636 Kiawe Lane	4642 Kiawe Lane	4435 Kobashigawa Street	4512 Kobashigawa Street	4655 Kou Lane		5019 Macadamia Lane
				Field Sample ID:	H1-TW-0012980-22092-A	H1-TW-0012994-22092-A	H1-TW-0012996-22092-A	H1-TW-0013008-22092-A	H1-TW-0013028-22092-A	H1-TW-0012379-22092-3-A	H1-TW-0012379-22092-A	H1-TW-0013084-22092-A
				Sample Date:	2022-04-14	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-14	2022-04-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	530	500	510	530	590	400	400	540	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	68.5	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	68.5	ND	ND	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.120	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	6.80	6.80	6.60	6.80	7.00	6.30	6.30	6.30	
	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	8.60	4.50	12.1	10.4	11.7	9.90	10.3	6.50	
	Lead	15	MCL	0.260	0.130	0.310	1.20	0.470	0.360	0.410	0.550	
	Mercury	2	MCL	ND	0.0330	0.0330	ND	ND	ND	ND	ND	
	Selenium	50	MCL	0.510	0.510	0.620	0.560	0.670	0.500	0.510	0.440	
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	



**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-KE S4639	H1-KIAW4636	H1-KIAW4642	H1-KOBA4435	H1-KOBA4512	H1-KOUL4655		H1-MACA5019
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4639 Ke Street	4636 Kiawe Lane	4642 Kiawe Lane	4435 Kobashigawa Street	4512 Kobashigawa Street	4655 Kou Lane		5019 Macadamia Lane
				Field Sample ID:	H1-TW-0012980-22092-A	H1-TW-0012994-22092-A	H1-TW-0012996-22092-A	H1-TW-0013008-22092-A	H1-TW-0013028-22092-A	H1-TW-0012379-22092-3-A	H1-TW-0012379-22092-A	H1-TW-0013084-22092-A
				Sample Date:	2022-04-14	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-14	2022-04-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-KE S4639	H1-KIAW4636	H1-KIAW4642	H1-KOBA4435	H1-KOBA4512	H1-KOUL4655		H1-MACA5019
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
		Address:	4639 Ke Street	4636 Kiawe Lane	4642 Kiawe Lane	4435 Kobashigawa Street	4512 Kobashigawa Street	4655 Kou Lane		5019 Macadamia Lane
		Field Sample ID:	H1-TW-0012980-22092-A	H1-TW-0012994-22092-A	H1-TW-0012996-22092-A	H1-TW-0013008-22092-A	H1-TW-0013028-22092-A	H1-TW-0012379-22092-3-A	H1-TW-0012379-22092-A	H1-TW-0013084-22092-A
		Sample Date:	2022-04-14	2022-04-15	2022-04-15	2022-04-14	2022-04-14	2022-04-14	2022-04-14	2022-04-14
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-MACA5066	H1-NAIO4702	H1-NAIO4714	H1-OKAM2618	H1-OLEA4705	H1-OLEA4725	H1-PAMA6304		
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
		Address:	5066 Macadamia Lane	4702 Naio Lane	4714 Naio Lane	2618 Okamura Street	4705 Oleander Street	4725 Oleander Street	6304 Pamakani Lane		
		Field Sample ID:	H1-TW-0013102-22092-A	H1-TW-0013136-22092-A	H1-TW-0013143-22092-A	H1-TW-0013364-22092-A	H1-TW-0013387-22092-A	H1-TW-0013399-22092-A	H1-TW-0013402-22092-3-A	H1-TW-0013402-22092-A	
		Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-14	2022-04-13	2022-04-14	2022-04-14	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	430	540	320	550	510	670	470	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	58.5	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	58.5	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	5.90	7.00	5.90	6.10	6.00	7.30	6.10	6.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND	0.200	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	0.360	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	14.7	18.4	10.7	5.50	5.00	10.6	21.4	18.1
	Lead	15	MCL	0.680	0.380	0.460	0.240	0.400	0.540	0.760	1.10
	Mercury	2	MCL	0.0400	ND	0.0350	ND	0.130	ND	ND	ND
	Selenium	50	MCL	0.490	0.580	0.460	0.750	0.480	0.780	0.540	0.400
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	0.510	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 H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-MACA5066	H1-NAIO4702	H1-NAIO4714	H1-OKAM2618	H1-OLEA4705	H1-OLEA4725	H1-PAMA6304	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5066 Macadamia Lane	4702 Naio Lane	4714 Naio Lane	2618 Okamura Street	4705 Oleander Street	4725 Oleander Street	6304 Pamakani Lane	
				Field Sample ID:	H1-TW-0013102-22092-A	H1-TW-0013136-22092-A	H1-TW-0013143-22092-A	H1-TW-0013364-22092-A	H1-TW-0013387-22092-A	H1-TW-0013399-22092-A	H1-TW-0013402-22092-3-A	H1-TW-0013402-22092-A
				Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-14	2022-04-13	2022-04-14	2022-04-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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:	H1-MACA5066	H1-NAIO4702	H1-NAIO4714	H1-OKAM2618	H1-OLEA4705	H1-OLEA4725	H1-PAMA6304	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	5066 Macadamia Lane	4702 Naio Lane	4714 Naio Lane	2618 Okamura Street	4705 Oleander Street	4725 Oleander Street	6304 Pamakani Lane	
				Field Sample ID:	H1-TW-0013102-22092-A	H1-TW-0013136-22092-A	H1-TW-0013143-22092-A	H1-TW-0013364-22092-A	H1-TW-0013387-22092-A	H1-TW-0013399-22092-A	H1-TW-0013402-22092-3-A	H1-TW-0013402-22092-A
				Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-14	2022-04-13	2022-04-14	2022-04-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-PAPA6333	H1-PAPA6355	H1-PLUM6615	H1-POHI4924	H1-POME2340	H1-POME2364	H1-POME2374	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	6333 Papaya Lane	6355 Papaya Lane	6615 Plumeria Loop	4924 Pohina Lane	2340 Pomelaiki Street	2364 Pomelaiki Street	2374 Pomelaiki Lane	
		Field Sample ID:	H1-TW-0013409-22092-A	H1-TW-0013420-22092-A	H1-TW-0013443-22092-A	H1-TW-0013454-22092-A	H1-TW-0012602-22092-A	H1-TW-0012608-22092-A	H1-TW-0012609-22092-A	
		Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15	
		Sample Type:	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	30.0	260	320	10.0	720	250	510
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	57.5	ND	ND	ND	72.8
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	57.5	ND	ND	ND	72.8
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	5.90	5.80	6.20	7.00	6.10	6.20	6.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Copper	1300	MCL	15.9	13.6	17.2	34.7	3.40	4.70	9.60
	Lead	15	MCL	0.660	0.170	0.990	1.20	0.380	0.270	0.260
	Mercury	2	MCL	ND	ND	0.0350	ND	0.0390	ND	ND
	Selenium	50	MCL	0.420	0.580	0.530	0.740	0.510	0.520	0.500
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-PAPA6333	H1-PAPA6355	H1-PLUM6615	H1-POHI4924	H1-POME2340	H1-POME2364	H1-POME2374
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6333 Papaya Lane	6355 Papaya Lane	6615 Plumeria Loop	4924 Pohina Lane	2340 Pomelaiki Street	2364 Pomelaiki Street	2374 Pomelaiki Lane
		Field Sample ID:	H1-TW-0013409-22092-A	H1-TW-0013420-22092-A	H1-TW-0013443-22092-A	H1-TW-0013454-22092-A	H1-TW-0012602-22092-A	H1-TW-0012608-22092-A	H1-TW-0012609-22092-A
		Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15
		Sample Type:	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
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Residences in Zone H1**

<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

		Location ID:	H1-PAPA6333	H1-PAPA6355	H1-PLUM6615	H1-POHI4924	H1-POME2340	H1-POME2364	H1-POME2374
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	6333 Papaya Lane	6355 Papaya Lane	6615 Plumeria Loop	4924 Pohina Lane	2340 Pomelaiki Street	2364 Pomelaiki Street	2374 Pomelaiki Lane
		Field Sample ID:	H1-TW-0013409-22092-A	H1-TW-0013420-22092-A	H1-TW-0013443-22092-A	H1-TW-0013454-22092-A	H1-TW-0012602-22092-A	H1-TW-0012608-22092-A	H1-TW-0012609-22092-A
		Sample Date:	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15	2022-04-14	2022-04-15
		Sample Type:	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
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.700	1.30	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.710	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.700	2.00	ND	ND	ND	ND



**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone H1**

<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	H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				H1-TW-0017683-22092-A-1	H1-TW-0017683-22092-A-2	H1-TW-0017684-22092-A-1	H1-TW-0017684-22092-A-2	H1-TW-0017687-22092-A-1	H1-TW-0017687-22092-A-2	H1-TW-0017689-22092-A-1	H1-TW-0017689-22092-A-2
				2022-04-14	2022-04-14	2022-04-13	2022-04-13	2022-04-15	2022-04-15	2022-04-20	2022-04-20
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	350-560	350-560	430-780	430-780	10.0-20.0	10.0-20.0	30.0-60.0	30.0-60.0
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	0.170	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	6.10	7.20	6.50	6.50	6.20	2.60	7.70	7.40
	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	60.5	57.0	40.9	60.3	17.6	140	36.8	11.9
	Lead	15	MCL	0.360	0.530	0.340	0.530	0.900	0.670	0.610	0.520
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	0.500	0.580	0.600	0.940	0.470	ND	0.530	0.310
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	3.90	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone H1**

<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: H1-BLDG1782		Location ID: H1-BLDG1783		Location ID: H1-BLDG1795		Location ID: H1-BLDG1875	
				Location Type: Child Development Center	Address: Building 1782,CYS / Army Community Center	Location Type: Child Development Center	Address: Building 1783,CDC - Under 6 years	Location Type: Child Development Center	Address: Building 1795,Youth Activities Center	Location Type: Child Development Center	Address: Building 1875,Private/Organizational Club
				Field Sample ID: H1-TW-0017683-22092-A-1	Field Sample ID: H1-TW-0017683-22092-A-2	Field Sample ID: H1-TW-0017684-22092-A-1	Field Sample ID: H1-TW-0017684-22092-A-2	Field Sample ID: H1-TW-0017687-22092-A-1	Field Sample ID: H1-TW-0017687-22092-A-2	Field Sample ID: H1-TW-0017689-22092-A-1	Field Sample ID: H1-TW-0017689-22092-A-2
				Sample Date: 2022-04-14	Sample Date: 2022-04-14	Sample Date: 2022-04-13	Sample Date: 2022-04-13	Sample Date: 2022-04-15	Sample Date: 2022-04-15	Sample Date: 2022-04-20	Sample Date: 2022-04-20
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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

**Summary of Chemistry Results  
Zone H1 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples Collected in April 2022 from Child Development Centers in Zone H1**

<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

		<b>Location ID:</b>		H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875	
		<b>Location Type:</b>		Child Development Center		Child Development Center		Child Development Center		Child Development Center	
		<b>Address:</b>		Building 1782,CYS / Army Community Center		Building 1783,CDC - Under 6 years		Building 1795,Youth Activities Center		Building 1875,Private/Organizational Club	
		<b>Field Sample ID:</b>		H1-TW-0017683-22092-A-1	H1-TW-0017683-22092-A-2	H1-TW-0017684-22092-A-1	H1-TW-0017684-22092-A-2	H1-TW-0017687-22092-A-1	H1-TW-0017687-22092-A-2	H1-TW-0017689-22092-A-1	H1-TW-0017689-22092-A-2
		<b>Sample Date:</b>		2022-04-14	2022-04-14	2022-04-13	2022-04-13	2022-04-15	2022-04-15	2022-04-20	2022-04-20
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>								
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	3.40	4.00
	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	3.40	4.00
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	1.10	1.20
	Bromoform	--	--	ND	ND	ND	ND	ND	1.30	14.2	14.8
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	0.620	4.60	4.90
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	1.90	19.9	20.9

**Summary of Chemistry Results  
Zone H1 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 H1**

<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

<b>Location ID:</b>	H1-BLDG1780
<b>Location Type:</b>	Non-Residence
<b>Address:</b>	Building 1780,Physical Fitness Center
<b>Field Sample ID:</b>	H1-TW-0017681- 22092-A
<b>Sample Date:</b>	2022-04-13
<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	30.0
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	7.40
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	ND
	Copper	1300	MCL	197
	Lead	15	MCL	1.30
	Mercury	2	MCL	ND
	Selenium	50	MCL	1.50
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

**Summary of Chemistry Results  
Zone H1 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 H1**

<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

**Location ID:** H1-BLDG1780  
**Location Type:** Non-Residence  
**Address:** Building 1780,Physical Fitness Center  
**Field Sample ID:** H1-TW-0017681-22092-A  
**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)	1,1-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 H1 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 H1**

<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

**Location ID:** H1-BLDG1780  
**Location Type:** Non-Residence  
**Address:** Building 1780,Physical Fitness Center  
**Field Sample ID:** H1-TW-0017681-22092-A  
**Sample Date:** 2022-04-13  
**Sample Type:** 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	--	--	0.680
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	ND
	Total Trihalomethanes	80	MCL	0.680

**Summary of Chemistry Results  
Zone H1 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 H1**

<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

		Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		Field Sample ID:	H1-DL-0017756-22092 -A	H1-DL-0017754-22092 -A	H1-DL-0017755-22092 -A	
		Sample Date:	2022-04-14	2022-04-14	2022-04-14	
		Sample Type:	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	400	470	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	6.40	7.10	6.70
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND
	Copper	1300	MCL	1.80	1.90	1.20
	Lead	15	MCL	0.460	0.350	ND
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	0.430	0.490	0.510
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND

**Summary of Chemistry Results  
Zone H1 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 H1**

<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

		<b>Location ID:</b>	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		<b>Location Type:</b>	Hydrant	Hydrant	Hydrant	
		<b>Address:</b>	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		<b>Field Sample ID:</b>	H1-DL-0017756-22092 -A	H1-DL-0017754-22092 -A	H1-DL-0017755-22092 -A	
		<b>Sample Date:</b>	2022-04-14	2022-04-14	2022-04-14	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND



**Summary of Chemistry Results  
 Zone H1 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 H1**

<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

		Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		Field Sample ID:	H1-DL-0017756-22092 -A	H1-DL-0017754-22092 -A	H1-DL-0017755-22092 -A	
		Sample Date:	2022-04-14	2022-04-14	2022-04-14	
		Sample Type:	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
	Total Haloacetic acids	60	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	ND	0.860	ND
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.730	ND
	Total Trihalomethanes	80	MCL	ND	1.60	ND