

**Summary of Chemistry Results
Zone G1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	G1-ANDE0739	G1-BAUG2133
				Location ID: G1-ANDE0739	G1-BAUG2133
				Location Type: Residence	Residence
				Address: 739 Anderson Road	2133 Baugh Road
				Field Sample ID: G1-TW-0009356-22092-N	G1-TW-0009362-22092-N
				Sample Date: 2022-04-15	2022-04-15
				Sample Type: N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	460	180
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND
	Arsenic	10	MCL	ND	ND
	Barium	2000	MCL	3.80	3.80
	Beryllium	4	MCL	ND	ND
	Cadmium	5	MCL	ND	ND
	Chromium	100	MCL	0.830	0.850
	Copper	1300	MCL	10.0	15.6
	Lead	15	MCL	0.560	0.600
	Mercury	2	MCL	ND	ND
	Selenium	50	MCL	0.380	0.450
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND

**Summary of Chemistry Results
Zone G1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location Information	
				Location ID	Location Type
				G1-ANDE0739	G1-BAUG2133
				Residence	Residence
				739 Anderson Road	2133 Baugh Road
				G1-TW-0009356-22092-N	G1-TW-0009362-22092-N
				2022-04-15	2022-04-15
				N (Normal)	N (Normal)
Volatil Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND
	1,2-Dichloroethene	70	MCL	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND
	Benzene	5	MCL	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND
	Chlorobenzene	100	MCL	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND
	Ethylbenzene	700	MCL	ND	ND
	m,p-Xylene	--	--	ND	ND
	Methylene chloride	5	MCL	ND	ND
	o-Xylene	--	--	ND	ND
	Styrene	100	MCL	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND
	Toluene	1000	MCL	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND
	Vinyl chloride	2	MCL	ND	ND
	Xylenes, Total	10000	MCL	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND
	Chloroacetic acid	--	--	ND	ND
	Dibromoacetic acid	--	--	ND	ND
	Dichloroacetic acid	--	--	ND	ND

**Summary of Chemistry Results
Zone G1 Long Term Monitoring
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected in April 2022 from Residences in Zone G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	G1-ANDE0739	G1-BAUG2133
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND
	Bromoform	--	--	2.10	2.30
	Chloroform	--	--	ND	ND
	Dibromochloromethane	--	--	1.50	1.60
	Total Trihalomethanes	80	MCL	3.60	4.40

Location ID:	G1-ANDE0739	G1-BAUG2133
Location Type:	Residence	Residence
Address:	739 Anderson Road	2133 Baugh Road
Field Sample ID:	G1-TW-0009356-22092-N	G1-TW-0009362-22092-N
Sample Date:	2022-04-15	2022-04-15
Sample Type:	N (Normal)	N (Normal)

**Summary of Chemistry Results
Zone G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:
				G1-BLD00612	G1-BLDG0020	G1-BLDG0125A
				Location Type:	Location Type:	Location Type:
				Non-Residence	Non-Residence	Non-Residence
				Address:	Address:	Address:
				Building 612, FIRE STATION	Building 20, ADMINISTRATIVE OFFICE	Building 125A, COMBAT TRAIN'G POOL/TANK
				Field Sample ID:	Field Sample ID:	Field Sample ID:
				G1-TW-0017538-22092-N	G1-TW-0017522-22092-N	G1-TW-0017539-22092-N
				Sample Date:	Sample Date:	Sample Date:
				2022-04-26	2022-04-14	2022-04-21
				Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	270	440	70.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	50.0	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	50.0	ND
Metals (ppb)	Antimony	6	MCL	0.180	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	2.50	3.00	3.00
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	0.770	0.910	0.900
	Copper	1300	MCL	88.2	8.90	79.7
	Lead	15	MCL	0.350	ND	0.670
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	ND	0.560	0.400
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

**Summary of Chemistry Results
Zone G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:					
				G1-BLD00612	G1-BLDG0020	G1-BLDG0125A	Non-Residence	Non-Residence	Non-Residence	G1-TW-0017538-22092-N	G1-TW-0017522-22092-N	G1-TW-0017539-22092-N	2022-04-26	2022-04-14
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 G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:		
				G1-BLD00612	G1-BLDG0020	G1-BLDG0125A	Non-Residence	Non-Residence	Non-Residence	G1-TW-0017538-22092-N	G1-TW-0017522-22092-N
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	ND		
	Bromoform	--	--	1.90	1.90	1.90	1.90	1.90	1.90		
	Chloroform	--	--	ND	ND	ND	ND	ND	ND		
	Dibromochloromethane	--	--	0.810	1.30	0.980	0.810	1.30	0.980		
	Total Trihalomethanes	80	MCL	2.70	3.30	2.80	2.70	3.30	2.80		

**Summary of Chemistry Results
Zone G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	G1-HYD879
Location Type:	Hydrant
Address:	FH ID: 3
Field Sample ID:	G1-DL-0000616-22092-N
Sample Date:	2022-04-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
Field Test (ppb)	Free Chlorine	4000	MCL	320
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	3.30
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	0.860
	Copper	1300	MCL	3.90
	Lead	15	MCL	0.440
	Mercury	2	MCL	ND
	Selenium	50	MCL	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND
	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND
	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND
	1,1-Dichloroethene	7	MCL	ND

**Summary of Chemistry Results
Zone G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	G1-HYD879
Location Type:	Hydrant
Address:	FH ID: 3
Field Sample ID:	G1-DL-0000616-22092-N
Sample Date:	2022-04-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
Xylenes, Total	10000	MCL	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND
	Dibromoacetic acid	--	--	1.10
	Dichloroacetic acid	--	--	ND

**Summary of Chemistry Results
 Zone G1 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 G1

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

Location ID:	G1-HYD879
Location Type:	Hydrant
Address:	FH ID: 3
Field Sample ID:	G1-DL-0000616-22092-N
Sample Date:	2022-04-18
Sample Type:	N (Normal)

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	1.10
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	2.20
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	1.20
	Total Trihalomethanes	80	MCL	3.40