

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:		A3-101S6392		A3-102S6464A		A3-102S6466		A3-102S6469		A3-103S6534A							
		Location Type:		Residence		Residence		Residence		Residence		Residence							
		Address:		6392 101st Street		6464A 102nd Street		6466 102nd Street		6469 102nd Street		6534A 103rd Street							
		Field Sample ID:		A3-TW-0017251-24092-N-H-WQI		A3-TW-0017251-24092-N-WQI		A3-TW-0016090-24092-N		A3-TW-0016093-24092-N-H-WQI		A3-TW-0016093-24092-N-WQI		A3-TW-0016094-24092-N		A3-TW-0016094-24092-N-H		A3-TW-0016395-24092-N	
		Sample Date:		2024-06-18		2024-06-18		2024-04-29		2024-06-27		2024-06-27		2024-06-21		2024-06-21		2024-04-29	
		Sample Type:		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level																
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	Absent	Absent	--	--							
	E. coli	--	--	--	Absent	--	--	--	Absent	Absent	--	--							
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	ND	ND	ND	ND	--							
Field Test (ppb)	Free Chlorine	4000	MCL	870	1040	490	610	370	340	380	470								
Field Test (pH)	pH	--	--	7.32	7.30	7.33	7.30	7.20	7.21	7.40	7.35								
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.230	0.330	0.300	0.250	0.263	0.250								
Field Test (degrees Celcius)	Temperature	--	--	37.9	26.8	26.8	47.2	27.9	27.4	43.5	31.3								
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.650	0.480	0.400	58.4	1.21	0.326	0.480								
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58500	48800	--	51400	60400	--	52500								
	Total Organic Carbon	--	--	--	ND	ND	--	ND	ND	--	ND								
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	--	ND	ND	--	ND								
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	--	ND	ND	--	ND								
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	--	ND	ND	--	ND								
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	--	ND	ND	--	ND								
Metals (ppb)	Copper	1300	MCL	--	13.4	9.00	--	9.60	24.3	--	27.8								
	Lead	15	MCL	--	0.150	0.130	--	0.160	0.280	--	0.320								
	Mercury	2	MCL	--	ND	ND	--	ND	ND	--	ND								
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	--	ND	ND	--	ND								
	2-Methylnaphthalene	--	--	--	ND	ND	--	ND	ND	--	ND								
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	--	ND	ND	--	ND								
	Naphthalene	--	--	--	ND	ND	--	ND	ND	--	ND								
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND								
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND								

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-101S6392		A3-102S6464A		A3-102S6466		A3-102S6469		A3-103S6534A	
		Residence		Residence		Residence		Residence		Residence	
		6392 101st Street		6464A 102nd Street		6466 102nd Street		6469 102nd Street		6534A 103rd Street	
		A3-TW-0017251-24092-N-H-WQI	A3-TW-0017251-24092-N-WQI	A3-TW-0016090-24092-N	A3-TW-0016093-24092-N-H-WQI	A3-TW-0016093-24092-N-WQI	A3-TW-0016094-24092-N	A3-TW-0016094-24092-N-H	A3-TW-0016395-24092-N		
		2024-06-18	2024-06-18	2024-04-29	2024-06-27	2024-06-27	2024-06-21	2024-06-21	2024-04-29		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	ND	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	ND	--	ND	ND	--	ND
	m,p-Xylene	--	--	--	ND	ND	--	ND	ND	--	ND
	o-Xylene	--	--	--	ND	ND	--	ND	ND	--	ND
	Toluene	1000	MCL	--	ND	ND	--	ND	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	ND	--	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	--	ND	ND	--	ND
	Bromoform	--	--	--	ND	0.300	--	ND	ND	--	0.300
	Chloroform	--	--	--	ND	ND	--	ND	ND	--	ND
	Dibromochloromethane	--	--	--	ND	ND	--	ND	ND	--	0.270
	Total Trihalomethanes	80	MCL	--	ND	0.300	--	ND	ND	--	0.570

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-105S6606		A3-105S6632B			A3-106S6665		A3-108S6738A	A3-109S6768A	
		Location Type: Residence		Residence			Residence		Residence	Residence	
		Address: 6606 105th Street		6632B 105th Street			6665 106th Street		6738A 108th Street	6768A 109th Street	
		Field Sample ID: A3-TW-0017443-24092-N		A3-TW-0017466-24092-N-H-WQI	A3-TW-0017466-24092-N-WQI		A3-TW-0016695-24092-N	A3-TW-0016695-24092-3-N	A3-TW-0016184-24092-N	A3-TW-0016425-24092-N	A3-TW-0016425-24092-3-N
		Sample Date: 2024-05-10		2024-05-17	2024-05-17		2024-05-10	2024-05-10	2024-05-10	2024-05-14	2024-05-14
		Sample Type: N (Normal)		N (Normal)	N (Normal)		N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	2.00	8.00	8.00
Field Test (ppb)	Free Chlorine	4000	MCL	600	560	690	600	--	790	670	--
Field Test (pH)	pH	--	--	7.33	7.52	7.37	7.39	--	7.34	7.27	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.250	0.220	0.250	--	0.230	0.230	--
Field Test (degrees Celcius)	Temperature	--	--	25.4	50.1	24.2	25.7	--	26.8	24.3	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.550	0.0830	0.00	0.250	--	0.550	0.160	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	--	53200	54400	134000	52100	51500	50900
	Total Organic Carbon	--	--	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 Oil)	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	ND	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	18.6	--	9.40	34.0	35.0	19.7	12.4	13.1
	Lead	15	MCL	0.160	--	ND	0.340	0.330	0.200	ND	0.140
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.0120	--	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-105S6632B		A3-106S6665		A3-108S6738A	A3-109S6768A																			
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence	Residence																
				A3-105S6606	Residence	6606 105th Street	A3-TW-0017443-24092-N	2024-05-10	N (Normal)	6632B 105th Street	A3-TW-0017466-24092-N-H-WQI	2024-05-17	N (Normal)	6665 106th Street	A3-TW-0016695-24092-N	2024-05-10	N (Normal)	6738A 108th Street	A3-TW-0016184-24092-N	2024-05-10	N (Normal)	6768A 109th Street	A3-TW-0016425-24092-N	2024-05-14	N (Normal)	A3-TW-0016425-24092-3-N	2024-05-14	FD (Field Duplicate)	
Volatiles Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	--	ND	0.300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	0.280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	0.580	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

				Location ID:	A3-109S6791A	A3-112S6848A	A3-ALBA5453		A3-ALBA5454		A3-BITT5498A	
				Location Type:	Residence	Residence	Residence		Residence		Residence	
				Address:	6791A 109th Street	6848A 112th Street	5453 Albatross Avenue		5454 Albatross Avenue		5498A Bittern Avenue	
				Field Sample ID:	A3-TW-0017345-24092-N	A3-TW-0016228-24092-N	A3-TW-0016940-24092-N	A3-TW-0016940-24092-N-H	A3-TW-0016941-24092-N	A3-TW-0016941-24092-N-H	A3-TW-0016957-24092-N	A3-TW-0016957-24092-N-H
				Sample Date:	2024-04-24	2024-05-10	2024-06-21	2024-06-21	2024-06-21	2024-06-21	2024-06-24	2024-06-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	ND	ND	59.0	4.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	650	390	180	310	80.0	740	420	420
Field Test (pH)	pH	--	--	7.32	7.43	7.35	7.36	7.33	7.43	7.20	7.23	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.250	0.260	0.250	0.260	0.240	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.9	25.9	26.3	48.8	26.9	41.8	29.2	40.6	40.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.650	0.350	0.170	0.230	0.330	0.470	0.710	0.290	0.290
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52500	53900	58300	--	59400	--	52800	--	--
	Total Organic Carbon	--	--	ND	ND	ND	--	ND	--	ND	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	38.6	22.4	10.0	--	18.9	--	26.4	--	--
	Lead	15	MCL	0.320	0.190	ND	--	0.300	--	0.320	--	--
	Mercury	2	MCL	ND	ND	ND	--	ND	--	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

				Location ID:	A3-109S6791A	A3-112S6848A	A3-ALBA5453		A3-ALBA5454		A3-BITT5498A	
				Location Type:	Residence	Residence	Residence		Residence		Residence	
				Address:	6791A 109th Street	6848A 112th Street	5453 Albatross Avenue		5454 Albatross Avenue		5498A Bittern Avenue	
				Field Sample ID:	A3-TW-0017345-24092-N	A3-TW-0016228-24092-N	A3-TW-0016940-24092-N	A3-TW-0016940-24092-N-H	A3-TW-0016941-24092-N	A3-TW-0016941-24092-N-H	A3-TW-0016957-24092-N	A3-TW-0016957-24092-N-H
				Sample Date:	2024-04-24	2024-05-10	2024-06-21	2024-06-21	2024-06-21	2024-06-21	2024-06-24	2024-06-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	ND	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	ND	ND	ND	--	ND	--	ND	--	
	o-Xylene	--	--	ND	ND	ND	--	ND	--	ND	--	
	Toluene	1000	MCL	ND	ND	ND	--	ND	--	ND	--	
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	ND	--	ND	--	
	Bromoform	--	--	ND	ND	ND	--	2.40	--	ND	--	
	Chloroform	--	--	ND	ND	ND	--	ND	--	ND	--	
	Dibromochloromethane	--	--	ND	0.270	ND	--	0.520	--	ND	--	
	Total Trihalomethanes	80	MCL	ND	0.270	ND	--	2.92	--	ND	--	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-BITT5498B		A3-BITT5514		A3-BITT5517		A3-BITT5534		A3-CORM5572A	
		Residence		Residence		Residence		Residence		Residence	
		5498B Bittern Avenue		5514 Bittern Avenue		5517 Bittern Avenue		5534 Bittern Avenue		5572A Cormorant Avenue	
		Field Sample ID: A3-TW-0016958-24092-N-H-WQI		A3-TW-0016958-24092-N-WQI		A3-TW-0012579-24092-N		A3-TW-0016965-24092-N		A3-TW-0016965-24092-N-H	
		Sample Date: 2024-06-05		2024-06-05		2024-05-10		2024-06-21		2024-06-21	
		Sample Type: N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	Absent	--	Absent	Absent	--
	E. coli	--	--	--	Absent	Absent	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	17.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	540	610	660	450	410	780	120	240
Field Test (pH)	pH	--	--	7.36	7.39	7.36	7.14	7.24	7.28	7.31	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.230	0.230	0.240	0.260	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	46.2	27.7	26.0	26.4	45.1	25.6	27.4	46.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00210	0.00120	0.530	0.660	1.13	0.210	0.0370	0.140
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51900	51900	60100	--	51500	58200	--
	Total Organic Carbon	--	--	--	ND	ND	ND	--	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	--	ND	ND	--
Metals (ppb)	Copper	1300	MCL	--	21.1	16.1	17.8	--	14.6	19.7	--
	Lead	15	MCL	--	ND	0.190	0.170	--	0.150	0.150	--
	Mercury	2	MCL	--	ND	ND	ND	--	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
	2-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	--	ND	0.0120	ND	--	ND	ND	--
	Naphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-BITT5498B		A3-BITT5514		A3-BITT5517		A3-BITT5534		A3-CORM5572A	
		Residence		Residence		Residence		Residence		Residence	
		5498B Bittern Avenue		5514 Bittern Avenue		5517 Bittern Avenue		5534 Bittern Avenue		5572A Cormorant Avenue	
		Field Sample ID: A3-TW-0016958-24092-N-H-WQI		A3-TW-0016958-24092-N-WQI		A3-TW-0012579-24092-N		A3-TW-0016965-24092-N		A3-TW-0016965-24092-N-H	
		Sample Date: 2024-06-05		2024-06-05		2024-05-10		2024-06-21		2024-06-21	
		Sample Type: N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzene	5	MCL	--	ND	ND	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	--	ND	ND	ND	--	ND	ND	--
	m,p-Xylene	--	--	--	ND	ND	ND	--	ND	ND	--
	o-Xylene	--	--	--	ND	ND	ND	--	ND	ND	--
	Toluene	1000	MCL	--	ND	ND	ND	--	ND	ND	--
	Xylenes, Total	10000	MCL	--	ND	ND	ND	--	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	ND	--	ND	ND	--
	Bromoform	--	--	--	ND	ND	ND	--	ND	ND	--
	Chloroform	--	--	--	ND	ND	ND	--	ND	ND	--
	Dibromochloromethane	--	--	--	ND	ND	ND	--	ND	ND	--
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	--	ND	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5618		A3-DOVE5630A		A3-DOVE5644A		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-CORM5587B Residence 5587B Cormorant Avenue	5618 Dovekie Avenue		5630A Dovekie Avenue		5644A Dovekie Avenue		
				A3-TW-0016216-24092-N	A3-TW-0016259-24092-N-H-WQI	A3-TW-0016259-24092-N-WQI	A3-TW-0016290-24092-N	A3-TW-0016290-24092-N-H	A3-TW-0016297-24092-N-H-WQI	A3-TW-0016297-24092-N-WQI	A3-TW-0016297-24092-N-WQI-R1
				2024-05-10	2024-06-28	2024-06-28	2024-06-21	2024-06-21	2024-05-13	2024-05-13	2024-05-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	--	Absent	Absent
	E. coli	--	--	Absent	--	Absent	Absent	--	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	4.00	--	74.0
Field Test (ppb)	Free Chlorine	4000	MCL	750	570	600	500	170	600	540	700
Field Test (pH)	pH	--	--	7.34	7.18	7.10	7.28	7.39	7.38	7.31	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.260	0.260	0.260	0.250	0.230	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.4	42.2	28.9	26.0	41.8	43.7	26.3	25.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0790	0.240	0.650	1.02	0.710	1.08	0.990	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52700	--	62200	60700	--	--	48800	--
	Total Organic Carbon	--	--	ND	--	ND	ND	--	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	--	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	--	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	--	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	--	--	ND	--
Metals (ppb)	Copper	1300	MCL	24.6	--	20.4	15.0	--	--	16.6	--
	Lead	15	MCL	0.220	--	0.200	0.200	--	--	0.160	--
	Mercury	2	MCL	ND	--	ND	ND	--	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	ND	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	--	--	ND	--
	Naphthalene	--	--	ND	--	ND	ND	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	--	--	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5618		A3-DOVE5630A		A3-DOVE5644A		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-CORM5587B Residence 5587B Cormorant Avenue	5618 Dovekie Avenue		5630A Dovekie Avenue		5644A Dovekie Avenue		
				A3-TW-0016216-24092-N	A3-TW-0016259-24092-N-H-WQI	A3-TW-0016259-24092-N-WQI	A3-TW-0016290-24092-N	A3-TW-0016290-24092-N-H	A3-TW-0016297-24092-N-H-WQI	A3-TW-0016297-24092-N-WQI	A3-TW-0016297-24092-N-WQI-R1
				2024-05-10	2024-06-28	2024-06-28	2024-06-21	2024-06-21	2024-05-13	2024-05-13	2024-05-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				ND	--	ND	ND	--	--	ND	--
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	--	ND	--
	Benzene	5	MCL	ND	--	ND	ND	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	ND	--	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	ND	--	--	ND	--
	o-Xylene	--	--	ND	--	ND	ND	--	--	ND	--
	Toluene	1000	MCL	ND	--	ND	ND	--	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	ND	--	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	--	--	ND	--
	Bromoform	--	--	ND	--	0.350	ND	--	--	ND	--
	Chloroform	--	--	ND	--	ND	ND	--	--	ND	--
	Dibromochloromethane	--	--	ND	--	0.250	ND	--	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	0.600	ND	--	--	ND	--

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5651		A3-DOVE5655				A3-DOVE5661B																									
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																						
				A3-DOVE5644A	Residence	5644A Dovekie Avenue	A3-TW-0016297-24092-N-H-WQI-R1	2024-05-14	N (Normal)	5651 Dovekie Avenue	A3-TW-0016302-24092-N-H-WQI	2024-05-13	N (Normal)	5651 Dovekie Avenue	A3-TW-0016303-24092-N	2024-06-21	N (Normal)	5655 Dovekie Avenue	A3-TW-0016303-24092-N-H	2024-06-21	N (Normal)	5655 Dovekie Avenue	A3-TW-0016303-24092-3-N	2024-06-21	FD (Field Duplicate)	5661B Dovekie Avenue	A3-TW-0016303-24092-3-N-H	2024-06-21	FD (Field Duplicate)	5661B Dovekie Avenue	A3-TW-0016309-24092-N	2024-05-10	N (Normal)			
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	Absent	--	Absent	Absent	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	8.00	ND	2.00	ND	4.00	ND	6.00	4.00																									
Field Test (ppb)	Free Chlorine	4000	MCL	640	340	720	910	940	--	--	710																									
Field Test (pH)	pH	--	--	--	7.81	7.33	7.20	7.26	--	--	7.43																									
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.280	0.230	0.250	0.260	--	--	0.250																									
Field Test (degrees Celcius)	Temperature	--	--	--	47.3	27.5	29.5	41.9	--	--	27.0																									
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	1.10	1.06	0.490	0.830	--	--	0.0520																									
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	51300	62300	--	67300	--	51600																									
	Total Organic Carbon	--	--	--	--	ND	ND	--	ND	--	ND																									
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	ND	ND	--	ND	--	ND																									
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	ND	ND	--	ND	--	ND																									
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	ND	ND	--	ND	--	ND																									
	Petroleum Hydrocarbons, Total	--	--	--	--	ND	ND	--	ND	--	ND																									
Metals (ppb)	Copper	1300	MCL	--	--	18.2	18.4	--	18.7	--	16.3																									
	Lead	15	MCL	--	--	0.150	0.180	--	0.190	--	ND																									
	Mercury	2	MCL	--	--	ND	ND	--	ND	--	ND																									
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND																									
	2-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND																									
	Benzo(a)pyrene	0.2	MCL	--	--	ND	0.0150	--	ND	--	ND																									
	Naphthalene	--	--	--	--	ND	ND	--	ND	--	ND																									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	ND	--	ND	--	ND																									

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:			Location ID:		Location ID:
				A3-DOVE5669A	A3-DOVE5673	A3-EDGE5327			A3-EDGE5330A		A3-EDGE5330B
				Residence	Residence	Residence			Residence		Residence
				5669A Dovekie Avenue	5673 Dovekie Avenue	5327 Edgewater Drive			5330A Edgewater Drive		5330B Edgewater Drive
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				A3-TW-0012587-24092-N	A3-TW-0012588-24092-N	A3-TW-0016313-24092-N	A3-TW-0016313-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0016314-24092-N	A3-TW-0016314-24092-N-H	A3-TW-0016315-24092-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-05-10	2024-05-15	2024-06-21	2024-06-21	2024-07-02	2024-06-21	2024-06-21	2024-04-29
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Present	--	Absent	Absent	--	--
	E. coli	--	--	Absent	Absent	Absent	--	Absent	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	97.0	ND	ND	ND	35.0	--
Field Test (ppb)	Free Chlorine	4000	MCL	740	970	520	460	780	540	560	490
Field Test (pH)	pH	--	--	7.30	7.28	7.05	7.31	7.29	7.30	7.35	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.240	0.250	0.290	0.260	0.250	0.280	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.9	27.5	28.3	45.2	26.6	27.9	39.1	28.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.0870	3.39	0.920	0.290	0.360	0.790	0.550
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	52600	61100	--	--	63700	--	50000
	Total Organic Carbon	--	--	ND	ND	ND	--	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	21.5	15.4	20.3	--	--	18.9	--	19.5
	Lead	15	MCL	0.250	0.220	0.260	--	--	0.210	--	0.320
	Mercury	2	MCL	ND	ND	ND	--	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	--	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5669A	A3-DOVE5673	A3-EDGE5327			A3-EDGE5330A		A3-EDGE5330B
				Location Type:	Residence	Residence	Residence			Residence		Residence
				Address:	5669A Dovekie Avenue	5673 Dovekie Avenue	5327 Edgewater Drive			5330A Edgewater Drive		5330B Edgewater Drive
				Field Sample ID:	A3-TW-0012587-24092-N	A3-TW-0012588-24092-N	A3-TW-0016313-24092-N	A3-TW-0016313-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0016314-24092-N	A3-TW-0016314-24092-N-H	A3-TW-0016315-24092-N
				Sample Date:	2024-05-10	2024-05-15	2024-06-21	2024-06-21	2024-07-02	2024-06-21	2024-06-21	2024-04-29
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	--	ND	
	Benzene	5	MCL	ND	ND	ND	--	--	ND	--	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	--	--	ND	--	ND	
	m,p-Xylene	--	--	ND	ND	ND	--	--	ND	--	ND	
	o-Xylene	--	--	ND	ND	ND	--	--	ND	--	ND	
	Toluene	1000	MCL	ND	ND	ND	--	--	ND	--	ND	
	Xylenes, Total	10000	MCL	ND	ND	ND	--	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	--	ND	--	ND	
	Bromoform	--	--	ND	ND	ND	--	--	ND	--	0.280	
	Chloroform	--	--	ND	ND	ND	--	--	ND	--	ND	
	Dibromochloromethane	--	--	0.250	ND	ND	--	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	0.250	ND	ND	--	--	ND	--	0.280	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:		A3-EDGE5335		A3-EDGE5359		A3-EDGE5363		A3-EDGE5371	A3-EDGE5382
		Location Type:		Residence		Residence		Residence		Residence	Residence
		Address:		5335 Edgewater Drive		5359 Edgewater Drive		5363 Edgewater Drive		5371 Edgewater Drive	5382 Edgewater Drive
		Field Sample ID:		A3-TW-0012590-24092-N	A3-TW-0012590-24092-N-H	A3-TW-0016327-24092-N	A3-TW-0016327-24092-N-H	A3-TW-0012592-24092-N	A3-TW-0012592-24092-N-H	A3-TW-0012593-24092-N	A3-TW-0016334-24092-N
		Sample Date:		2024-06-21	2024-06-21	2024-06-24	2024-06-24	2024-06-21	2024-06-21	2024-04-29	2024-06-21
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	--	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	570	180	590	470	450	300	240	520
Field Test (pH)	pH	--	--	7.25	7.40	7.02	7.04	7.16	7.33	7.33	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.250	0.270	0.270	0.270	0.220	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.1	40.3	27.2	43.8	27.2	44.7	25.6	28.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	0.480	0.0490	0.530	0.00480	0.140	0.590	0.330
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	61300	--	50100	--	62200	--	55000	61500
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	24.6	--	18.3	--	18.0	--	17.6	20.8
	Lead	15	MCL	0.190	--	0.170	--	0.200	--	0.140	0.220
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-EDGE5335		A3-EDGE5359		A3-EDGE5363		A3-EDGE5371	A3-EDGE5382
		Residence		Residence		Residence		Residence	Residence
		5335 Edgewater Drive		5359 Edgewater Drive		5363 Edgewater Drive		5371 Edgewater Drive	5382 Edgewater Drive
		A3-TW-0012590-24092-N	A3-TW-0012590-24092-N-H	A3-TW-0016327-24092-N	A3-TW-0016327-24092-N-H	A3-TW-0012592-24092-N	A3-TW-0012592-24092-N-H	A3-TW-0012593-24092-N	A3-TW-0016334-24092-N
		2024-06-21	2024-06-21	2024-06-24	2024-06-24	2024-06-21	2024-06-21	2024-04-29	2024-06-21
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	0.320
	Chloroform	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	--	ND	0.320
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	0.640

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-EDGE5382	A3-EDGE5390		A3-EEHA4854A		A3-EEHI4996B		A3-EEKA4755A	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5382 Edgewater Drive	5390 Edgewater Drive		4854A East Eha Way		4996B East Ehiku Way		4755A East Ekahi Way	
		Field Sample ID:	A3-TW-0016334-24092-N-H	A3-TW-0012517-24092-N	A3-TW-0012517-24092-N-H	A3-TW-0016469-24092-N	A3-TW-0016469-24092-N-H	A3-TW-0017356-24092-N	A3-TW-0017356-24092-N-H	A3-TW-0017375-24092-N	
		Sample Date:	2024-06-21	2024-06-24	2024-06-24	2024-06-21	2024-06-21	2024-06-24	2024-06-24	2024-06-24	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	21.0	339	ND	ND	97.0	80.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	210	520	470	710	500	470	70.0	320
Field Test (pH)	pH	--	--	7.25	7.31	7.11	7.23	7.23	7.29	7.35	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.240	0.250	0.270	0.310	0.260
Field Test (degrees Celcius)	Temperature	--	--	40.5	26.0	41.4	27.0	38.4	25.5	45.3	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.580	0.330	0.470	0.260	0.280	0.150	2.02	0.180
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51900	--	60400	--	51500	--	51200
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	16.2	--	9.60	--	9.50	--	10.9
	Lead	15	MCL	--	0.200	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EDGE5390		A3-EEHA4854A		A3-EEHI4996B		A3-EEKA4755A	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	5390 Edgewater Drive		4854A East Eha Way		4996B East Ehiku Way		4755A East Ekahi Way	
				Field Sample ID:	A3-TW-0016334-24092-N-H	A3-TW-0012517-24092-N	A3-TW-0012517-24092-N-H	A3-TW-0016469-24092-N	A3-TW-0016469-24092-N-H	A3-TW-0017356-24092-N	A3-TW-0017356-24092-N-H	A3-TW-0017375-24092-N
				Sample Date:	2024-06-21	2024-06-24	2024-06-24	2024-06-21	2024-06-21	2024-06-24	2024-06-24	2024-06-24
				Sample Type:	N (Normal)	N (Normal)						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND	
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Bromoform	--	--	--	ND	--	0.310	--	ND	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	ND	--	0.310	--	ND	--	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EEKO4821B		A3-EEKO4821D		A3-EEKO4823B		A3-EELU4786C												
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:									
				A3-EEKA4755A Residence 4755A East Ekahi Way	A3-TW-0017375-24092-N-H	2024-06-24	N (Normal)	A3-EEKO4821B Residence 4821B East Ekolu Way	A3-TW-0012465-24092-N	2024-06-24	N (Normal)	A3-EEKO4821D Residence 4821D East Ekolu Way	A3-TW-0016970-24092-N	2024-06-24	N (Normal)	A3-EEKO4823B Residence 4823B East Ekolu Way	A3-TW-0016976-24092-N	2024-06-24	N (Normal)	A3-EELU4786C Residence 4786C East Elua Way	A3-TW-0016985-24092-N	2024-06-28	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	4.00	6.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	520	490	230	370	420	590	350	410	590	350	410	590	350	410	590	350	410	590	350	410
Field Test (pH)	pH	--	--	7.27	7.30	7.40	7.34	7.43	7.31	7.33	6.96	7.31	7.33	6.96	7.31	7.33	6.96	7.31	7.33	6.96	7.31	7.33	6.96
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.280	0.300	0.280	0.300	0.280	0.300	0.260	0.280	0.300	0.260	0.280	0.300	0.260	0.280	0.300	0.260	0.280	0.300	0.260
Field Test (degrees Celcius)	Temperature	--	--	46.3	24.4	43.2	27.0	41.8	26.8	43.9	26.6	26.8	43.9	26.6	26.8	43.9	26.6	26.8	43.9	26.6	26.8	43.9	26.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.280	4.12	0.840	0.410	0.610	0.610	1.43	0.610	0.610	1.43	0.610	0.610	1.43	0.610	0.610	1.43	0.610	0.610	1.43
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52600	--	53100	--	51900	--	59000	51900	--	59000	51900	--	59000	51900	--	59000	51900	--	59000
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	9.40	--	8.40	--	10.1	--	6.20	10.1	--	6.20	10.1	--	6.20	10.1	--	6.20	10.1	--	6.20
	Lead	15	MCL	--	1.80	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EEKO4821B		A3-EEKO4821D		A3-EEKO4823B		A3-EELU4786C
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	4821B East Ekolu Way		4821D East Ekolu Way		4823B East Ekolu Way		4786C East Elua Way
				Field Sample ID:	A3-TW-0012465-24092-N	A3-TW-0012465-24092-N-H	A3-TW-0016970-24092-N	A3-TW-0016970-24092-N-H	A3-TW-0016976-24092-N	A3-TW-0016976-24092-N-H	A3-TW-0016985-24092-N
				Sample Date:	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	0.390
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	0.370
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	0.760

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EELU4791B		A3-ELIM4877C	A3-ELIM4879A		A3-EONO4934A	A3-EONO4934C	
				Location Type:	Residence		Residence	Residence		Residence	Residence	
				Address:	4791B East Elua Way		4877C Elima Way	4879A Elima Way		4934A Eono Way	4934C Eono Way	
				Field Sample ID:	A3-TW-0016985-24092-N-H	A3-TW-0016139-24092-N	A3-TW-0016139-24092-N-H	A3-TW-0017328-24092-N	A3-TW-0017334-24092-N	A3-TW-0017334-24092-N-H	A3-TW-0017342-24092-N	A3-TW-0016871-24092-N
				Sample Date:	2024-06-28	2024-06-24	2024-06-24	2024-05-10	2024-06-25	2024-06-25	2024-05-10	2024-06-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	Absent	--	Absent	Absent	
	E. coli	--	--	--	Absent	--	Absent	Absent	--	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	2.00	ND	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	270	480	350	710	430	170	810	430	
Field Test (pH)	pH	--	--	6.99	7.19	7.37	7.34	7.34	7.21	7.39	7.20	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.260	0.230	0.250	0.260	0.240	0.300	
Field Test (degrees Celcius)	Temperature	--	--	37.9	26.1	42.9	25.1	24.3	40.1	24.6	24.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.550	0.170	0.840	1.15	0.910	0.250	0.420	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	54400	--	52300	50800	--	52400	49600	
	Total Organic Carbon	--	--	--	ND	--	ND	ND	--	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	ND	--	ND	ND	
Metals (ppb)	Copper	1300	MCL	--	3.50	--	9.10	5.80	--	5.00	8.10	
	Lead	15	MCL	--	0.280	--	ND	ND	--	ND	ND	
	Mercury	2	MCL	--	ND	--	ND	ND	--	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	ND	
	2-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	ND	--	ND	ND	
	Naphthalene	--	--	--	ND	--	ND	ND	--	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	ND	--	ND	ND	
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	ND	--	ND	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EELU4791B		A3-ELIM4877C	A3-ELIM4879A		A3-EONO4934A	A3-EONO4934C
				Location Type:	Residence		Residence	Residence		Residence	Residence
				Address:	4791B East Elua Way		4877C Elima Way	4879A Elima Way		4934A Eono Way	4934C Eono Way
				Field Sample ID:	A3-TW-0016139-24092-N	A3-TW-0016139-24092-N-H	A3-TW-0017328-24092-N	A3-TW-0017334-24092-N	A3-TW-0017334-24092-N-H	A3-TW-0017342-24092-N	A3-TW-0016871-24092-N
				Sample Date:	2024-06-24	2024-06-24	2024-05-10	2024-06-25	2024-06-25	2024-05-10	2024-06-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	--	ND	ND	--	ND	ND
	o-Xylene	--	--	--	ND	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	--	ND	--	ND	ND	--	ND	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	ND	--	ND	ND
	Bromoform	--	--	--	ND	--	0.320	ND	--	0.370	ND
	Chloroform	--	--	--	ND	--	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	0.300	--	0.350	0.270	--	0.380	ND
	Total Trihalomethanes	80	MCL	--	0.300	--	0.670	0.270	--	0.750	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-EONO4934C		A3-EONO4936B		A3-EONO4938A		A3-ERNE5716		A3-ERNE5777A	
		Residence		Residence		Residence		Residence		Residence	
		4934C Eono Way		4936B Eono Way		4938A Eono Way		5716 Erne Avenue		5777A Erne Avenue	
		A3-TW-0016871-24092-N-H		A3-TW-0016876-24092-N	A3-TW-0016876-24092-N-H	A3-TW-0016883-24092-N	A3-TW-0016883-24092-N-H	A3-TW-0016510-24092-N	A3-TW-0016510-24092-N-H	A3-TW-0017013-24092-N-WQI	
		2024-06-27		2024-06-25	2024-06-25	2024-06-25	2024-06-25	2024-06-25	2024-06-25	2024-06-26	
		N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	40.0	4.00	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	320	410	350	430	470	710	480	520
Field Test (pH)	pH	--	--	6.99	7.28	7.31	7.31	7.38	7.48	7.32	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.320	0.250	0.280	0.250	0.260	0.230	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	40.4	24.3	49.2	25.4	43.5	27.2	40.3	24.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.300	5.68	0.490	0.490	0.470	0.360	0.470	0.360
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51000	--	51800	--	51200	--	50000
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	3.50	--	6.10	--	24.2	--	12.5
	Lead	15	MCL	--	ND	--	ND	--	3.90	--	0.150
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-EONO4936B		A3-EONO4938A		A3-ERNE5716		A3-ERNE5777A
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	4936B Eono Way		4938A Eono Way		5716 Erne Avenue		5777A Erne Avenue
				Field Sample ID:	A3-TW-0016876-24092-N	A3-TW-0016876-24092-N	A3-TW-0016883-24092-N	A3-TW-0016883-24092-N	A3-TW-0016510-24092-N	A3-TW-0016510-24092-N	A3-TW-0017013-24092-N-WQI
				Sample Date:	2024-06-27	2024-06-25	2024-06-25	2024-06-25	2024-06-25	2024-06-25	2024-06-26
				Sample Type:	N (Normal)						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-ERNE5778B				A3-ERNE5788	A3-EWAL4986B		A3-EWAL4987B																									
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:																			
				A3-ERNE5777A	Residence	5777A Erne Avenue	A3-TW-0017013-24092-N-H-WQI	2024-06-26	N (Normal)	Residence	5778B Erne Avenue	A3-TW-0017016-24092-N-C-WQI	2024-05-08	N (Normal)	Residence	5788 Erne Avenue	A3-TW-0017016-24092-N-WQI	2024-05-08	N (Normal)	Residence	4986B Ewalu Way	A3-TW-0016350-24092-N	2024-06-25	N (Normal)	Residence	4987B Ewalu Way	A3-TW-0016350-24092-N-H	2024-06-25	N (Normal)	Residence	4987B Ewalu Way	A3-TW-0016354-24092-N	2024-06-25	N (Normal)			
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	
	E. coli	--	--	--	Absent	--	--	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	15.0	ND	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	300	650	640	650	670	450	400	490																										
Field Test (pH)	pH	--	--	7.41	7.51	7.65	7.41	7.27	7.26	7.15	7.32																										
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.240	0.260	0.240	0.220	0.240	0.260	0.240																										
Field Test (degrees Celcius)	Temperature	--	--	53.0	25.1	45.8	25.8	25.3	25.6	42.0	27.2																										
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.310	0.190	0.400	0.210	0.210	0.290	0.110	0.970																										
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	52300	51500	51300	--	51000																										
	Total Organic Carbon	--	--	--	--	--	ND	ND	ND	--	ND																										
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	ND	ND	ND	--	ND																										
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	ND	ND	ND	--	ND																										
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	--	ND	ND	ND	--	ND																										
	Petroleum Hydrocarbons, Total	--	--	--	--	--	ND	ND	ND	--	ND																										
Metals (ppb)	Copper	1300	MCL	--	--	--	15.4	10.5	9.50	--	9.10																										
	Lead	15	MCL	--	--	--	0.160	0.140	ND	--	ND																										
	Mercury	2	MCL	--	--	--	ND	ND	ND	--	ND																										
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	--	ND	ND	ND	--	ND																										
	2-Methylnaphthalene	--	--	--	--	--	ND	ND	ND	--	ND																										
	Benzo(a)pyrene	0.2	MCL	--	--	--	ND	ND	ND	--	ND																										
	Naphthalene	--	--	--	--	--	ND	ND	ND	--	ND																										
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	--	ND	ND	ND	--	ND																										
	1,3,5-Trimethylbenzene	--	--	--	--	--	ND	ND	ND	--	ND																										

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-ERNE5778B				A3-ERNE5788	A3-EWAL4986B		A3-EWAL4987B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				A3-ERNE5777A	A3-ERNE5778B				A3-ERNE5788	A3-EWAL4986B		A3-EWAL4987B
				Residence	Residence				Residence	Residence		Residence
				5777A Erne Avenue	5778B Erne Avenue				5788 Erne Avenue	4986B Ewalu Way		4987B Ewalu Way
				A3-TW-0017013-24092-N-H-WQI	A3-TW-0017016-24092-N-C-WQI	A3-TW-0017016-24092-N-H-WQI	A3-TW-0017016-24092-N-WQI	A3-TW-0017023-24092-N	A3-TW-0016350-24092-N	A3-TW-0016350-24092-N-H	A3-TW-0016354-24092-N	
				2024-06-26	2024-05-08	2024-05-08	2024-05-08	2024-05-17	2024-06-25	2024-06-25	2024-06-25	
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
				--	--	--	--	--	--	--	--	
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	--	--	ND	ND	ND	--	ND	
	Ethylbenzene	700	MCL	--	--	--	ND	ND	ND	--	ND	
	m,p-Xylene	--	--	--	--	--	ND	ND	ND	--	ND	
	o-Xylene	--	--	--	--	--	ND	ND	ND	--	ND	
	Toluene	1000	MCL	--	--	--	ND	ND	ND	--	ND	
	Xylenes, Total	10000	MCL	--	--	--	ND	ND	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	ND	ND	ND	--	ND	
	Bromoform	--	--	--	--	--	ND	ND	ND	--	ND	
	Chloroform	--	--	--	--	--	ND	ND	ND	--	ND	
	Dibromochloromethane	--	--	--	--	--	ND	ND	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	--	--	ND	ND	ND	--	ND	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-EWAL4987B		A3-FULM5840B		A3-FULM5863		A3-GANN5891			
		Residence		Residence		Residence		Residence			
		4987B Ewalu Way		5840B Fulmar Avenue		5863 Fulmar Avenue		5891 Gannet Avenue			
		A3-TW-0016354-24092-N-H		A3-TW-0016376-24092-N		A3-TW-0016376-24092-N-H		A3-TW-0017307-24092-N		A3-TW-0017307-24092-N-H	
		2024-06-25		2024-06-27		2024-06-27		2024-06-27		2024-06-27	
		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
		A3-TW-0012483-24092-N-C-WQI		A3-TW-0012483-24092-N-H-WQI		A3-TW-0012483-24092-N-H-WQI		A3-TW-0012483-24092-N-WQI			
		2024-04-16		2024-04-16		2024-04-16		2024-04-16		2024-04-16	
		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	--
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	15.0	4.00	ND	ND	ND	ND	--
Field Test (ppb)	Free Chlorine	4000	MCL	450	140	590	260	120	610	420	610
Field Test (pH)	pH	--	--	7.20	7.18	7.24	7.22	7.29	7.38	7.48	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.310	0.320	0.300	0.320	0.220	0.240	0.220
Field Test (degrees Celcius)	Temperature	--	--	39.0	32.0	39.7	30.1	44.6	23.4	41.3	23.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.420	0.350	0.620	0.200	0.400	0.00	0.00300	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	50700	--	51100	--	--	--	52500
	Total Organic Carbon	--	--	--	ND	--	ND	--	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	--	--	ND
Metals (ppb)	Copper	1300	MCL	--	20.7	--	56.8	--	--	--	16.3
	Lead	15	MCL	--	0.220	--	0.840	--	--	--	0.210
	Mercury	2	MCL	--	ND	--	ND	--	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	--	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	--	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	--	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-FULM5840B		A3-FULM5863		A3-GANN5891		
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				A3-EWAL4987B Residence 4987B Ewalu Way	A3-TW-0016376-24092-N	A3-TW-0016376-24092-N	A3-TW-0017307-24092-N	A3-TW-0017307-24092-N	A3-TW-0012483-24092-N-C-WQI	A3-TW-0012483-24092-N-H-WQI	A3-TW-0012483-24092-N-WQI
					2024-06-25	2024-06-27	2024-06-27	2024-06-27	2024-04-16	2024-04-16	2024-04-16
					N (Normal)	N (Normal)	N (Normal)				
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	--	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	--	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	--	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	--	--	ND
	Bromoform	--	--	--	ND	--	ND	--	--	--	0.460
	Chloroform	--	--	--	ND	--	ND	--	--	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	--	--	0.390
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	--	--	0.850

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:		A3-GANN5901		A3-GANN5922B		A3-GANN5927		A3-GANN5931		A3-GANN5938B	
		Location Type:		Residence		Residence		Residence		Residence		Residence	
		Address:		5901 Gannet Avenue		5922B Gannet Avenue		5927 Gannet Avenue		5931 Gannet Avenue		5938B Gannet Avenue	
		Field Sample ID:		A3-TW-0017045-24092-N	A3-TW-0017045-24092-N-H	A3-TW-0016544-24092-N	A3-TW-0016545-24092-N	A3-TW-0016545-24092-N-H	A3-TW-0012485-24092-N	A3-TW-0012485-24092-N-R1	A3-TW-0016551-24092-N		
		Sample Date:		2024-06-28	2024-06-28	2024-05-10	2024-06-25	2024-06-25	2024-05-10	2024-05-17	2024-05-14		
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	Present	Absent	Absent		
	E. coli	--	--	Absent	--	Absent	Absent	--	Absent	Absent	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	8.00		
Field Test (ppb)	Free Chlorine	4000	MCL	230	30.0	750	450	320	820	470	540		
Field Test (pH)	pH	--	--	7.21	7.37	7.39	7.34	7.26	7.34	7.32	7.35		
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.240	0.270	0.250	0.230	0.230		
Field Test (degrees Celcius)	Temperature	--	--	28.9	42.8	24.8	27.1	45.2	23.7	25.3	27.9		
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.970	0.520	0.220	0.720	0.710	0.0460	0.930	0.00		
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59000	--	51500	52000	--	52400	--	52900		
	Total Organic Carbon	--	--	ND	--	ND	ND	--	ND	--	ND		
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	--	ND	--	ND		
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	--	ND	--	ND		
Metals (ppb)	Copper	1300	MCL	34.7	--	20.6	17.1	--	9.00	--	69.7		
	Lead	15	MCL	0.320	--	0.220	0.160	--	0.190	--	0.250		
	Mercury	2	MCL	ND	--	ND	ND	--	ND	--	ND		
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	--	ND	--	ND		
	2-Methylnaphthalene	--	--	ND	--	ND	ND	--	ND	--	ND		
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	--	ND	--	ND		
	Naphthalene	--	--	ND	--	ND	ND	--	ND	--	ND		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	--	ND		
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	ND	--	ND		

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-GANN5901		A3-GANN5922B		A3-GANN5927		A3-GANN5931		A3-GANN5938B	
		Residence		Residence		Residence		Residence		Residence	
		5901 Gannet Avenue		5922B Gannet Avenue		5927 Gannet Avenue		5931 Gannet Avenue		5938B Gannet Avenue	
		A3-TW-0017045-24092-N	A3-TW-0017045-24092-N-H	A3-TW-0016544-24092-N	A3-TW-0016545-24092-N	A3-TW-0016545-24092-N-H	A3-TW-0012485-24092-N	A3-TW-0012485-24092-N-R1	A3-TW-0016551-24092-N		
		2024-06-28	2024-06-28	2024-05-10	2024-06-25	2024-06-25	2024-05-10	2024-05-17	2024-05-14		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	ND	--	ND	--	ND
	o-Xylene	--	--	ND	--	ND	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	--	ND	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	--	ND	--	ND
	Bromoform	--	--	ND	--	ND	ND	--	ND	--	ND
	Chloroform	--	--	ND	--	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	--	ND	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-GANN5960	A3-GANN5972	A3-GANN5989A	A3-GANN5993B	A3-HERO6059B		A3-HERO6096		
		Location Type:	Residence	Residence	Residence	Residence	Residence		Residence		
		Address:	5960 Gannet Avenue	5972 Gannet Avenue	5989A Gannet Avenue	5993B Gannet Avenue	6059B Heron Avenue		6096 Heron Avenue		
		Field Sample ID:	A3-TW-0012486-24092-N	A3-TW-0017072-24092-N	A3-TW-0017079-24092-N	A3-TW-0017082-24092-N	A3-TW-0017098-24092-N	A3-TW-0017098-24092-N-H	A3-TW-0017135-24092-N	A3-TW-0017135-24092-N-H	
		Sample Date:	2024-05-13	2024-05-14	2024-05-14	2024-05-14	2024-06-27	2024-06-27	2024-06-28	2024-06-28	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	590	680	580	500	170	210	470	180
Field Test (pH)	pH	--	--	7.33	7.35	7.35	7.35	7.19	7.70	6.98	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	0.230	0.230	0.310	0.340	0.260	0.300
Field Test (degrees Celcius)	Temperature	--	--	28.8	26.3	24.9	24.7	31.7	47.9	25.1	56.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.37	0.00540	0.00	0.00	0.470	0.610	0.210	0.560
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	52900	52100	53900	50500	--	59000	--
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	16.9	25.1	15.5	14.1	108	--	15.7	--
	Lead	15	MCL	ND	0.240	0.180	ND	0.150	--	0.350	--
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

				Location ID:	A3-GANN5960	A3-GANN5972	A3-GANN5989A	A3-GANN5993B	A3-HERO6059B		A3-HERO6096	
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	
				Address:	5960 Gannet Avenue	5972 Gannet Avenue	5989A Gannet Avenue	5993B Gannet Avenue	6059B Heron Avenue		6096 Heron Avenue	
				Field Sample ID:	A3-TW-0012486-24092-N	A3-TW-0017072-24092-N	A3-TW-0017079-24092-N	A3-TW-0017082-24092-N	A3-TW-0017098-24092-N	A3-TW-0017098-24092-N-H	A3-TW-0017135-24092-N	A3-TW-0017135-24092-N-H
				Sample Date:	2024-05-13	2024-05-14	2024-05-14	2024-05-14	2024-06-27	2024-06-27	2024-06-28	2024-06-28
				Sample Type:	N (Normal)	N (Normal)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	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	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	ND	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	--	ND	--
	Xylenes, Total	10000	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 A3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6137A		A3-HERO6137B	A3-HERO6153		A3-HERO6164	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-HERO6097A Residence 6097A Heron Avenue	A3-HERO6137A Residence 6137A Heron Avenue		A3-HERO6137B Residence 6137B Heron Avenue	A3-HERO6153 Residence 6153 Heron Avenue		A3-HERO6164 Residence 6164 Heron Avenue	
				A3-TW-0017136-24092-N	A3-TW-0016571-24092-N	A3-TW-0016571-24092-3-N	A3-TW-0016572-24092-N	A3-TW-0016580-24092-N	A3-TW-0016580-24092-N-R1	A3-TW-0016590-24092-N-H-WQI	A3-TW-0016590-24092-N-WQI
				2024-05-10	2024-05-14	2024-05-14	2024-05-15	2024-05-13	2024-05-15	2024-06-27	2024-06-27
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent	--	Present
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	17.0	4.00	ND	--	ND	ND	287
Field Test (ppb)	Free Chlorine	4000	MCL	720	750	--	910	520	920	130	530
Field Test (pH)	pH	--	--	7.38	7.35	--	7.25	7.30	7.30	7.34	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.230	--	0.240	0.230	0.240	0.330	0.300
Field Test (degrees Celcius)	Temperature	--	--	24.6	26.1	--	26.2	24.6	24.6	54.4	29.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.820	0.00	--	0.230	0.570	0.00	0.730	0.270
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	53600	52300	51900	50000	--	--	51100
	Total Organic Carbon	--	--	ND	230	ND	ND	ND	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	--	--	ND
Metals (ppb)	Copper	1300	MCL	25.2	15.6	15.7	18.5	13.7	--	--	14.8
	Lead	15	MCL	0.280	0.160	0.140	0.240	0.200	--	--	0.250
	Mercury	2	MCL	ND	ND	ND	ND	ND	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	--	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	--	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6137A		A3-HERO6137B	A3-HERO6153		A3-HERO6164	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence
				A3-HERO6097A Residence 6097A Heron Avenue	A3-TW-0016571-24092-N	A3-TW-0016571-24092-3-N	A3-TW-0016572-24092-N	A3-TW-0016580-24092-N	A3-TW-0016580-24092-N-R1	A3-TW-0016590-24092-N-H-WQI	A3-TW-0016590-24092-N-WQI
				2024-05-10	2024-05-14	2024-05-14	2024-05-15	2024-05-13	2024-05-15	2024-06-27	2024-06-27
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	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
	o-Xylene	--	--	ND	ND	ND	ND	ND	--	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	--	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	--	--	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	--	--	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	--	--	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	--	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	--	--	ND

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-HERO6164		A3-HERO6177		A3-IBIS6192		A3-IBIS6200A		A3-IBIS6232B	
		Residence		Residence		Residence		Residence		Residence	
		6164 Heron Avenue		6177 Heron Avenue		6192 Ibis Avenue		6200A Ibis Avenue		6232B Ibis Avenue	
		A3-TW-0016590-24092-N-WQI-R1		A3-TW-0016599-24092-N		A3-TW-0017103-24092-N		A3-TW-0017107-24092-3-N		A3-TW-0017107-24092-N-H-WQI	
		2024-07-09		2024-04-24		2024-05-10		2024-05-10		2024-06-24	
		N (Normal)		N (Normal)		N (Normal)		FD (Field Duplicate)		N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	Absent	Absent	--
	E. coli	--	--	Absent	--	Absent	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	30.0	--	ND	ND	ND	ND	ND	10.0
Field Test (ppb)	Free Chlorine	4000	MCL	480	140	730	--	140	30.0	560	260
Field Test (pH)	pH	--	--	7.28	7.29	7.28	--	7.27	7.29	7.13	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.260	--	0.250	0.240	0.230	0.260
Field Test (degrees Celcius)	Temperature	--	--	24.4	26.5	26.0	--	38.8	25.1	32.8	46.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.650	0.320	--	0.810	0.120	0.970	1.04
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	50000	52700	50000	--	52100	61900	--
	Total Organic Carbon	--	--	--	ND	ND	ND	--	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	ND	--	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	--	ND	ND	--
Metals (ppb)	Copper	1300	MCL	--	44.9	10.5	10.3	--	13.8	36.4	--
	Lead	15	MCL	--	1.00	ND	0.130	--	0.130	0.220	--
	Mercury	2	MCL	--	ND	ND	ND	--	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
	2-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	--	ND	ND	--
	Naphthalene	--	--	--	ND	ND	ND	--	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6164	A3-HERO6177	A3-IBIS6192		A3-IBIS6200A		A3-IBIS6232B	
				Location Type:	Residence	Residence	Residence		Residence		Residence	
				Address:	6164 Heron Avenue	6177 Heron Avenue	6192 Ibis Avenue		6200A Ibis Avenue		6232B Ibis Avenue	
				Field Sample ID:	A3-TW-0016590-24092-N-WQI-R1	A3-TW-0016599-24092-N	A3-TW-0017103-24092-N	A3-TW-0017103-24092-3-N	A3-TW-0017107-24092-N-H-WQI	A3-TW-0017107-24092-N-WQI	A3-TW-0017127-24092-N	A3-TW-0017127-24092-N-H
				Sample Date:	2024-07-09	2024-04-24	2024-05-10	2024-05-10	2024-06-24	2024-06-24	2024-06-21	2024-06-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	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	--
	o-Xylene	--	--	--	ND	ND	ND	ND	--	ND	ND	--
	Toluene	1000	MCL	--	ND	ND	ND	ND	--	ND	ND	--
	Xylenes, Total	10000	MCL	--	ND	ND	ND	ND	--	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	ND	ND	--	ND	ND	--
	Bromoform	--	--	--	ND	ND	ND	ND	--	ND	ND	--
	Chloroform	--	--	--	ND	ND	ND	ND	--	ND	ND	--
	Dibromochloromethane	--	--	--	ND	ND	ND	ND	--	ND	ND	--
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	ND	--	ND	ND	--

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

				Location ID:	A3-IBIS6284A	A3-IBIS6330A	A3-IBIS6365	A3-IROQ5049A		A3-IROQ5063A		A3-IROQ5066B
				Location Type:	Residence	Residence	Residence	Residence		Residence		Residence
				Address:	6284A Ibis Avenue	6330A Ibis Avenue	6365 Ibis Avenue	5049A Iroquois Avenue		5063A Iroquois Avenue		5066B Iroquois Avenue
				Field Sample ID:	A3-TW-0017188-24092-N	A3-TW-0017236-24092-N	A3-TW-0016607-24092-N	A3-TW-0017152-24092-N	A3-TW-0017152-24092-N-H	A3-TW-0017209-24092-N	A3-TW-0017209-24092-N-H	A3-TW-0017214-24092-N
				Sample Date:	2024-05-14	2024-05-10	2024-05-13	2024-06-21	2024-06-21	2024-06-25	2024-06-25	2024-06-21
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	--	Absent	--	Absent	
	E. coli	--	--	Absent	Absent	Absent	Absent	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	15.0	ND	ND	26.0	2.00	223	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	500	670	640	560	120	150	160	540	
Field Test (pH)	pH	--	--	7.28	7.25	7.35	7.16	8.55	6.96	7.21	7.20	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.260	0.230	0.250	0.280	0.240	0.270	0.240	
Field Test (degrees Celcius)	Temperature	--	--	25.9	28.1	27.2	26.7	44.8	28.5	49.9	25.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.450	0.370	1.09	4.51	0.470	0.000670	0.350	0.290	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51400	51100	51300	56100	--	51900	--	60800	
	Total Organic Carbon	--	--	ND	ND	ND	ND	--	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--	ND	--	ND	
Metals (ppb)	Copper	1300	MCL	18.4	29.2	15.0	41.3	--	33.5	--	13.2	
	Lead	15	MCL	0.150	0.240	0.210	0.290	--	0.340	--	0.200	
	Mercury	2	MCL	ND	ND	ND	ND	--	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	0.0170	ND	ND	ND	--	ND	--	ND	
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6284A	A3-IBIS6330A	A3-IBIS6365	A3-IROQ5049A		A3-IROQ5063A		A3-IROQ5066B	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	6284A Ibis Avenue	6330A Ibis Avenue	6365 Ibis Avenue	5049A Iroquois Avenue		5063A Iroquois Avenue		5066B Iroquois Avenue	
		Field Sample ID:	A3-TW-0017188-24092-N	A3-TW-0017236-24092-N	A3-TW-0016607-24092-N	A3-TW-0017152-24092-N	A3-TW-0017152-24092-N-H	A3-TW-0017209-24092-N	A3-TW-0017209-24092-N-H	A3-TW-0017214-24092-N	
		Sample Date:	2024-05-14	2024-05-10	2024-05-13	2024-06-21	2024-06-21	2024-06-25	2024-06-25	2024-06-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Benzene	5	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
	o-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	--	ND	--	ND
	Bromoform	--	--	ND	ND	ND	ND	--	ND	--	ND
	Chloroform	--	--	ND	ND	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	ND	0.270	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	0.270	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5066B	A3-IROQ5075A	A3-IROQ5078	A3-IROQ5089B		A3-IROQ5105A		A3-IROQ5130	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	5066B Iroquois Avenue	5075A Iroquois Avenue	5078 Iroquois Avenue	5089B Iroquois Avenue		5105A Iroquois Avenue		5130 Iroquois Avenue	
		Field Sample ID:	A3-TW-0017214-24092-N-H	A3-TW-0017221-24092-N	A3-TW-0012567-24092-N	A3-TW-0017228-24092-N	A3-TW-0017228-24092-N-H	A3-TW-0016076-24092-N	A3-TW-0016076-24092-N-H	A3-TW-0016084-24092-N	
		Sample Date:	2024-06-21	2024-05-10	2024-05-13	2024-06-25	2024-06-25	2024-06-21	2024-06-21	2024-06-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	Absent	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	38.0	ND	2.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	500	370	650	360	50.0	370	210	420
Field Test (pH)	pH	--	--	7.18	7.35	7.31	7.33	7.85	7.24	7.43	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.230	0.230	0.250	0.280	0.240	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	44.0	26.2	27.6	28.5	52.1	27.7	32.9	25.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	7.98	0.760	1.32	0.460	0.460	0.00240	16.1	3.20
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53500	50000	50100	--	61200	--	58900
	Total Organic Carbon	--	--	--	ND	ND	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	21.3	17.5	18.6	--	50.8	--	5.50
	Lead	15	MCL	--	0.210	0.270	0.210	--	0.190	--	ND
	Mercury	2	MCL	--	ND	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	ND	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	--	0.0340	--	ND
	Naphthalene	--	--	--	ND	ND	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5066B	A3-IROQ5075A	A3-IROQ5078	A3-IROQ5089B		A3-IROQ5105A		A3-IROQ5130	
		Location Type:	Residence	Residence	Residence	Residence		Residence		Residence	
		Address:	5066B Iroquois Avenue	5075A Iroquois Avenue	5078 Iroquois Avenue	5089B Iroquois Avenue		5105A Iroquois Avenue		5130 Iroquois Avenue	
		Field Sample ID:	A3-TW-0017214-24092-N-H	A3-TW-0017221-24092-N	A3-TW-0012567-24092-N	A3-TW-0017228-24092-N	A3-TW-0017228-24092-N-H	A3-TW-0016076-24092-N	A3-TW-0016076-24092-N-H	A3-TW-0016084-24092-N	
		Sample Date:	2024-06-21	2024-05-10	2024-05-13	2024-06-25	2024-06-25	2024-06-21	2024-06-21	2024-06-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	ND	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	ND	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	ND	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	ND	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	ND	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	ND	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	ND	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	ND	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:			Location ID:	
				A3-IROQ5130	A3-IROQ5201B	A3-IROQ5218	A3-IROQ5223			A3-IROQ5229A	
				Residence	Residence	Residence	Residence			Residence	
				5130 Iroquois Avenue	5201B Iroquois Avenue	5218 Iroquois Avenue	5223 Iroquois Avenue			5229A Iroquois Avenue	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				A3-TW-0016084-24092-N-H	A3-TW-0016702-24092-N	A3-TW-0016708-24092-N	A3-TW-0016711-24092-N-C-WQI	A3-TW-0016711-24092-N-H-WQI	A3-TW-0016711-24092-N-WQI	A3-TW-0016265-23337-N	A3-TW-0016265-23337-N-R1
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-06-21	2024-05-10	2024-04-24	2024-05-06	2024-05-06	2024-05-06	2024-05-28	2024-05-28
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	--	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	ND	ND	--	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	600	710	30.0	890	490	890	740	720
Field Test (pH)	pH	--	--	7.33	7.26	7.34	--	7.28	7.25	7.16	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.240	--	0.260	0.250	0.240	0.270
Field Test (degrees Celcius)	Temperature	--	--	50.6	25.9	28.9	--	41.6	25.5	25.6	49.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.620	0.330	0.660	--	0.690	0.530	0.150	0.320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52500	55000	--	--	53000	--	--
	Total Organic Carbon	--	--	--	ND	ND	--	--	ND	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	--	--	ND	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	--	--	ND	--	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	--	--	ND	--	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	--	--	ND	--	--
Metals (ppb)	Copper	1300	MCL	--	17.1	39.3	--	--	11.4	--	--
	Lead	15	MCL	--	0.270	0.500	--	--	ND	--	--
	Mercury	2	MCL	--	ND	ND	--	--	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	--	--	ND	--	--
	2-Methylnaphthalene	--	--	--	ND	ND	--	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	--	--	ND	--	--
	Naphthalene	--	--	--	ND	ND	--	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	--	--	ND	--	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5130	A3-IROQ5201B	A3-IROQ5218	A3-IROQ5223			A3-IROQ5229A	
		Location Type:	Residence	Residence	Residence	Residence			Residence	
		Address:	5130 Iroquois Avenue	5201B Iroquois Avenue	5218 Iroquois Avenue	5223 Iroquois Avenue			5229A Iroquois Avenue	
		Field Sample ID:	A3-TW-0016084-24092-N-H	A3-TW-0016702-24092-N	A3-TW-0016708-24092-N	A3-TW-0016711-24092-N-C-WQI	A3-TW-0016711-24092-N-H-WQI	A3-TW-0016711-24092-N-WQI	A3-TW-0016265-23337-N	A3-TW-0016265-23337-N-R1
		Sample Date:	2024-06-21	2024-05-10	2024-04-24	2024-05-06	2024-05-06	2024-05-06	2024-05-28	2024-05-28
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	--	ND	--
	Benzene	5	MCL	--	ND	ND	--	--	ND	--
	Ethylbenzene	700	MCL	--	ND	ND	--	--	ND	--
	m,p-Xylene	--	--	--	ND	ND	--	--	ND	--
	o-Xylene	--	--	--	ND	ND	--	--	ND	--
	Toluene	1000	MCL	--	ND	ND	--	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	ND	--	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	0.270	--	--	ND	--
	Bromoform	--	--	--	ND	2.80	--	--	ND	--
	Chloroform	--	--	--	ND	ND	--	--	ND	--
	Dibromochloromethane	--	--	--	ND	1.10	--	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	4.17	--	--	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:		Location ID:	Location ID:
				A3-IROQ5231A	A3-IROQ5243	A3-KELA4974D		A3-KELA4976A		A3-MARI6025B	A3-MARI6048
				Residence	Residence	Residence		Residence		Residence	Residence
				5231A Iroquois Avenue	5243 Iroquois Avenue	4974D Kela Place		4976A Kela Place		6025B Marina Drive	6048 Marina Drive
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				A3-TW-0016269-24092-N	A3-TW-0016273-24092-N	A3-TW-0012504-24092-N	A3-TW-0012504-24092-N-H	A3-TW-0016848-24092-N-H-WQI	A3-TW-0016848-24092-N-WQI	A3-TW-0016854-24092-N	A3-TW-0012506-24092-N
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-05-10	2024-05-10	2024-06-21	2024-06-21	2024-06-26	2024-06-26	2024-05-10	2024-05-13
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	--	--	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	--	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	2.00	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	660	790	490	340	500	430	680	600
Field Test (pH)	pH	--	--	7.39	7.29	7.36	7.33	7.29	7.69	7.38	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.0740	0.260	0.270	0.200	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.7	25.6	27.8	42.1	41.8	26.0	26.4	30.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.800	0.330	0.470	0.450	0.270	0.340	0.530	0.950
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53500	53100	59800	--	--	50700	51500	52500
	Total Organic Carbon	--	--	ND	ND	ND	--	--	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	--	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	21.9	32.6	7.20	--	--	6.10	36.0	40.6
	Lead	15	MCL	ND	0.280	ND	--	--	ND	0.190	0.160
	Mercury	2	MCL	ND	ND	ND	--	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	--	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	--	--	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	--	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	--	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	ND	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5231A	A3-IROQ5243	A3-KELA4974D		A3-KELA4976A		A3-MARI6025B	A3-MARI6048	
		Location Type:	Residence	Residence	Residence		Residence		Residence	Residence	
		Address:	5231A Iroquois Avenue	5243 Iroquois Avenue	4974D Kela Place		4976A Kela Place		6025B Marina Drive	6048 Marina Drive	
		Field Sample ID:	A3-TW-0016269-24092-N	A3-TW-0016273-24092-N	A3-TW-0012504-24092-N	A3-TW-0012504-24092-N-H	A3-TW-0016848-24092-N-H-WQI	A3-TW-0016848-24092-N-WQI	A3-TW-0016854-24092-N	A3-TW-0012506-24092-N	
		Sample Date:	2024-05-10	2024-05-10	2024-06-21	2024-06-21	2024-06-26	2024-06-26	2024-05-10	2024-05-13	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	--	ND	ND	ND
	Benzene	5	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
	o-Xylene	--	--	ND	ND	ND	--	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	--	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	--	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	--	--	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	--	--	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	--	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	--	--	ND	ND	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4912A		A3-MOKU4915A		A3-WEHA4836D		A3-WEHI4952C
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-MOKU4908A Residence 4908A Mokupea Place	A3-MOKU4912A Residence 4912A Mokupea Place		A3-MOKU4915A Residence 4915A Mokupea Place		A3-WEHA4836D Residence 4836D West Eha Way		A3-WEHI4952C Residence 4952C West Ehiku Way
				A3-TW-0016868-24092-N	A3-TW-0016645-24092-N	A3-TW-0016645-24092-N-H	A3-TW-0016657-24092-N-H-WQI	A3-TW-0016657-24092-N-WQI	A3-TW-0016738-24092-N	A3-TW-0016738-24092-N-H	A3-TW-0016753-24092-N
				2024-04-29	2024-06-21	2024-06-21	2024-06-26	2024-06-26	2024-06-24	2024-06-24	2024-06-21
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	Absent	Absent	--	Absent
	E. coli	--	--	--	Absent	--	--	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	ND	ND	ND	6.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	550	500	310	420	470	560	300	340
Field Test (pH)	pH	--	--	7.34	7.26	7.26	7.35	7.55	7.29	7.03	7.18
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.250	0.260	0.200	0.240	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.3	25.3	38.6	33.1	25.9	25.6	37.6	28.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.250	0.360	0.390	0.190	0.410	0.00	0.820
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	60300	--	--	48400	50900	--	65500
	Total Organic Carbon	--	--	ND	ND	--	--	ND	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	--	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	9.50	7.70	--	--	4.20	4.10	--	9.80
	Lead	15	MCL	ND	ND	--	--	ND	ND	--	ND
	Mercury	2	MCL	ND	ND	--	--	ND	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	--	ND	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	--	--	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	--	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	--	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	--	ND	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

		Location ID: A3-MOKU4908A		A3-MOKU4912A			A3-MOKU4915A		A3-WEHA4836D		A3-WEHI4952C
		Residence		Residence			Residence		Residence		Residence
		Address: 4908A Mokupea Place		4912A Mokupea Place			4915A Mokupea Place		4836D West Eha Way		4952C West Ehiku Way
		Field Sample ID: A3-TW-0016868-24092-N		A3-TW-0016645-24092-N	A3-TW-0016645-24092-N-H	A3-TW-0016657-24092-N-H-WQI	A3-TW-0016657-24092-N-WQI	A3-TW-0016738-24092-N	A3-TW-0016738-24092-N-H	A3-TW-0016753-24092-N	
		Sample Date: 2024-04-29		2024-06-21	2024-06-21	2024-06-26	2024-06-26	2024-06-24	2024-06-24	2024-06-21	
		Sample Type: N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	--	ND	ND	--	ND
	Benzene	5	MCL	ND	ND	--	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	--	--	ND	ND	--	ND
	m,p-Xylene	--	--	ND	ND	--	--	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	--	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	--	--	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	ND	--	--	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	--	ND	ND	--	ND
	Bromoform	--	--	0.300	0.330	--	--	ND	ND	--	0.360
	Chloroform	--	--	ND	ND	--	--	ND	ND	--	ND
	Dibromochloromethane	--	--	0.260	0.340	--	--	ND	0.280	--	0.380
	Total Trihalomethanes	80	MCL	0.560	0.670	--	--	ND	0.280	--	0.740

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKA4740C		A3-WEKA4740D		A3-WEKA4745B		A3-WEKO4802A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEHI4952C Residence 4952C West Ehiku Way	A3-WEKA4740C Residence 4740C West Ekahi Way		A3-WEKA4740D Residence 4740D West Ekahi Way		A3-WEKA4745B Residence 4745B West Ekahi Way		A3-WEKO4802A Residence 4802A West Ekolu Way
				A3-TW-0016753-24092-N-H	A3-TW-0016771-24092-N	A3-TW-0016771-24092-N-H	A3-TW-0016772-24092-N	A3-TW-0016772-24092-N-H	A3-TW-0016790-24092-N	A3-TW-0016790-24092-N-H	A3-TW-0016793-24092-N
				2024-06-21	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-25
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	74.0	ND	ND	19.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	180	550	250	510	580	580	480	590
Field Test (pH)	pH	--	--	7.15	7.30	7.24	7.15	7.18	7.16	7.03	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.240	0.260	0.210	0.300	0.250
Field Test (degrees Celcius)	Temperature	--	--	44.2	25.5	43.4	25.5	41.3	27.0	49.5	26.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.660	0.240	0.120	0.0760	0.0960	0.250	2.28	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52000	--	52100	--	53300	--	53000
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	4.60	--	7.30	--	6.60	--	7.00
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKA4740C		A3-WEKA4740D		A3-WEKA4745B		A3-WEKO4802A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEHI4952C Residence 4952C West Ehiku Way	4740C West Ekahi Way		4740D West Ekahi Way		4745B West Ekahi Way		4802A West Ekolu Way
				A3-TW-0016753-24092-N-H	A3-TW-0016771-24092-N	A3-TW-0016771-24092-N-H	A3-TW-0016772-24092-N	A3-TW-0016772-24092-N-H	A3-TW-0016790-24092-N	A3-TW-0016790-24092-N-H	A3-TW-0016793-24092-N
				2024-06-21	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-24	2024-06-25
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				--	--	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.260	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	0.260	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKO4806D		
				A3-WEKO4802A	A3-TW-0016808-24092-N	A3-TW-0016808-24092-N-H	A3-TW-0016808-24092-N-R1
				Residence			
				4802A West Ekolu Way			
				A3-TW-0016793-24092-N-H	2024-06-25	N (Normal)	
Bacterial Test (in 100 mL)	Coliform	--	--	--	Present	--	Present
	E. coli	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	23.0	4.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	180	670	520	390
Field Test (pH)	pH	--	--	7.34	7.22	7.32	7.13
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	49.9	26.7	34.0	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.0470	0.0130	0.0490
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52700	--	--
	Total Organic Carbon	--	--	--	ND	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	--
Metals (ppb)	Copper	1300	MCL	--	3.80	--	--
	Lead	15	MCL	--	ND	--	--
	Mercury	2	MCL	--	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	--
	2-Methylnaphthalene	--	--	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	--
	Naphthalene	--	--	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKO4806D		
				A3-WEKO4802A	A3-TW-0016808-24092-N	A3-TW-0016808-24092-N-H	A3-TW-0016808-24092-N-R1
				Residence			
				4802A West Ekolu Way		4806D West Ekolu Way	
				A3-TW-0016793-24092-N-H	A3-TW-0016808-24092-N	A3-TW-0016808-24092-N-H	A3-TW-0016808-24092-N-R1
				2024-06-25	2024-06-24	2024-06-24	2024-07-11
				N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	--	ND	--	--
	Benzene	5	MCL	--	ND	--	--
	Ethylbenzene	700	MCL	--	ND	--	--
	m,p-Xylene	--	--	--	ND	--	--
	o-Xylene	--	--	--	ND	--	--
	Toluene	1000	MCL	--	ND	--	--
	Xylenes, Total	10000	MCL	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--
	Bromoform	--	--	--	ND	--	--
	Chloroform	--	--	--	ND	--	--
	Dibromochloromethane	--	--	--	ND	--	--
	Total Trihalomethanes	80	MCL	--	ND	--	--

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24092-N-1	A3-TW-0012582-24092-N-2	A3-TW-0012582-24092-N-3	A3-TW-0012582-24092-N-4	A3-TW-0012582-24092-N-5	A3-TW-0012582-24122-N-2	A3-TW-0012582-24122-N-3	A3-TW-0012582-24122-N-5
				Sample Date:	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-05-03	2024-05-03	2024-05-03
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	30.0	60.0	30.0	840	130	220	110	
Field Test (pH)	pH	--	--	7.33	7.34	7.39	7.33	7.39	7.34	7.41	7.36	
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.240	0.220	0.220	0.220	0.250	0.240	0.250	
Field Test (degrees Celcius)	Temperature	--	--	23.0	25.3	23.0	23.0	23.7	26.7	23.8	26.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.0750	0.00	0.00	0.0660	0.370	0.220	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54500	52500	55000	55000	50000	50000	48800	48800	
	Total Organic Carbon	--	--	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 Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	16.9	45.4	63.7	104	31.7	61.9	40.2	30.3	
	Lead	15	MCL	0.230	0.130	0.130	0.240	0.200	0.160	ND	0.200	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	0.0250	ND	ND	ND	ND	0.0130	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24092-N-1	A3-TW-0012582-24092-N-2	A3-TW-0012582-24092-N-3	A3-TW-0012582-24092-N-4	A3-TW-0012582-24092-N-5	A3-TW-0012582-24122-N-2	A3-TW-0012582-24122-N-3	A3-TW-0012582-24122-N-5
				Sample Date:	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-05-03	2024-05-03	2024-05-03
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.910	0.910	0.750	1.70	0.640	0.790	0.390	0.660	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.500	0.570	0.490	0.750	0.490	0.380	ND	0.400	
	Total Trihalomethanes	80	MCL	1.41	1.48	1.24	2.45	1.13	1.17	0.390	1.06	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24122-N-1	A3-TW-0012582-24122-N-4	A3-TW-0012582-24153-N-1	A3-TW-0012582-24153-N-1-H	A3-TW-0012582-24153-N-2	A3-TW-0012582-24153-N-3	A3-TW-0012582-24153-N-4	A3-TW-0012582-24153-N-5
				Sample Date:	2024-05-03	2024-05-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	60.0	280	370	130	500	60.0	560	460	
Field Test (pH)	pH	--	--	7.40	7.44	7.31	7.38	7.39	7.37	7.39	7.38	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.270	0.290	0.270	0.270	0.260	0.270	
Field Test (degrees Celcius)	Temperature	--	--	23.9	26.4	26.0	47.3	26.3	25.9	25.7	26.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.170	0.0170	0.00	0.410	0.140	0.480	0.240	0.210	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50000	50000	52700	--	52000	50500	51800	53900	
	Total Organic Carbon	--	--	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 Oil)	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	--	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	17.6	81.2	11.7	--	28.6	27.4	64.7	16.9	
	Lead	15	MCL	0.180	0.210	0.200	--	0.140	ND	0.150	0.180	
	Mercury	2	MCL	ND	ND	ND	--	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	--	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24122-N-1	A3-TW-0012582-24122-N-4	A3-TW-0012582-24153-N-1	A3-TW-0012582-24153-N-1-H	A3-TW-0012582-24153-N-2	A3-TW-0012582-24153-N-3	A3-TW-0012582-24153-N-4	A3-TW-0012582-24153-N-5
				Sample Date:	2024-05-03	2024-05-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03	2024-06-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Benzene	5	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
	o-Xylene	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	--	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	0.330	--	ND	ND	ND	ND	ND
	Bromoform	--	--	0.870	0.390	1.50	--	0.960	0.850	0.490	0.610	
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.500	0.290	0.990	--	0.700	0.600	0.400	0.430	
	Total Trihalomethanes	80	MCL	1.37	0.680	2.82	--	1.66	1.45	0.890	1.04	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24092-N-1	A3-TW-0012569-24092-N-2	A3-TW-0012569-24092-N-3	A3-TW-0012569-24092-N-4	A3-TW-0012569-24092-N-5	A3-TW-0012569-24122-N-1	A3-TW-0012569-24122-N-4	A3-TW-0012569-24122-3-N-4
				Sample Date:	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-05-03	2024-05-03	2024-05-03
				Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	480	340	390	430	680	490	490	--	
Field Test (pH)	pH	--	--	7.36	7.39	7.36	7.35	7.42	7.34	7.34	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.220	0.230	0.240	0.240	0.220	0.250	0.250	--	
Field Test (degrees Celcius)	Temperature	--	--	26.1	26.3	26.0	26.2	25.4	27.5	27.5	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.130	0.120	0.0350	0.210	0.0660	0.0660	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50500	50000	50000	54500	50000	51300	52500	48800	
	Total Organic Carbon	--	--	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 Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	52.6	43.7	42.9	49.8	34.5	54.5	61.6	58.7	
	Lead	15	MCL	0.210	0.260	0.260	0.220	0.340	0.190	0.210	0.220	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24092-N-1	A3-TW-0012569-24092-N-2	A3-TW-0012569-24092-N-3	A3-TW-0012569-24092-N-4	A3-TW-0012569-24092-N-5	A3-TW-0012569-24122-N-1	A3-TW-0012569-24122-N-4	A3-TW-0012569-24122-3-N-4
				Sample Date:	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-04-15	2024-05-03	2024-05-03	2024-05-03
				Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.360	0.300	0.910	0.360	0.350	0.260	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.410	0.320	0.540	0.330	0.320	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.770	0.620	1.45	0.690	0.670	0.260	ND	ND	ND

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

		Location ID:		A3-IROQ5111							
		Location Type:		School							
		Address:		Iroquois Point Pre-School, 5111 Iroquois Ave							
		Field Sample ID:		A3-TW-0012569-24122-N-2	A3-TW-0012569-24122-N-3	A3-TW-0012569-24122-N-5	A3-TW-0012569-24153-N-1	A3-TW-0012569-24153-N-1-H	A3-TW-0012569-24153-N-2	A3-TW-0012569-24153-N-2-H	A3-TW-0012569-24153-N-3
		Sample Date:		2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04	2024-06-04	2024-06-04	2024-06-04
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	--	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	--	ND	287	ND	48.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510	560	360	460	0.00	530	0.00	460
Field Test (pH)	pH	--	--	7.36	7.37	7.47	7.30	8.71	7.45	8.71	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.200	0.240	0.250	0.270	0.300	0.260	0.300	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.8	26.8	26.4	29.2	38.6	27.9	39.3	27.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	129	0.00200	0.390	0.0660	0.170	0.00	0.0410	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55000	48800	51300	52400	--	48900	--	50500
	Total Organic Carbon	--	--	ND	ND	ND	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	38.6	33.5	49.2	62.5	--	45.8	--	39.6
	Lead	15	MCL	0.210	0.180	ND	0.240	--	0.230	--	0.200
	Mercury	2	MCL	ND	ND	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

				Location ID: A3-IROQ5111 Location Type: School Address: Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24122-N-2	A3-TW-0012569-24122-N-3	A3-TW-0012569-24122-N-5	A3-TW-0012569-24153-N-1	A3-TW-0012569-24153-N-1-H	A3-TW-0012569-24153-N-2	A3-TW-0012569-24153-N-2-H	A3-TW-0012569-24153-N-3
				Sample Date:	2024-05-03	2024-05-03	2024-05-03	2024-06-04	2024-06-04	2024-06-04	2024-06-04	2024-06-04
				Sample Type:	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-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Benzene	5	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	
	o-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	--	ND	--	ND	
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Bromoform	--	--	ND	ND	0.270	ND	--	ND	--	ND	
	Chloroform	--	--	ND	ND	ND	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	--	ND	--	0.260	
	Total Trihalomethanes	80	MCL	ND	ND	0.270	ND	--	ND	--	0.260	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

		Location ID: A3-IROQ5111					
		Location Type: School					
		Address: Iroquois Point Pre-School, 5111 Iroquois Ave					
		Field Sample ID:	A3-TW-0012569-24153-N-3-H	A3-TW-0012569-24153-N-4	A3-TW-0012569-24153-N-4-H	A3-TW-0012569-24153-N-5	
		Sample Date:	2024-06-04	2024-06-04	2024-06-04	2024-06-04	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	86.0	8.00	28.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	0.00	430	0.00	370
Field Test (pH)	pH	--	--	8.64	7.41	8.60	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.300	0.260	0.300	0.260
Field Test (degrees Celcius)	Temperature	--	--	40.1	28.1	39.6	30.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	14.1	0.00	259	1.95
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	50800	--	50700
	Total Organic Carbon	--	--	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	58.3	--	63.7
	Lead	15	MCL	--	0.260	--	0.230
	Mercury	2	MCL	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Schools in Zone A3

		Location ID: A3-IROQ5111					
		Location Type: School					
		Address: Iroquois Point Pre-School, 5111 Iroquois Ave					
		Field Sample ID:	A3-TW-0012569-24153-N-3-H	A3-TW-0012569-24153-N-4	A3-TW-0012569-24153-N-4-H	A3-TW-0012569-24153-N-5	
		Sample Date:	2024-06-04	2024-06-04	2024-06-04	2024-06-04	
		Sample Type:	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-Trimethylbenzene	--	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		Location ID: A3-HYD0368		A3-HYD1426				A3-HYD1743			A3-HYD2499
		Location Type: Hydrant		Hydrant				Hydrant			Hydrant
		Address: Physical Number: 51		FH ID: SA-LFH 2				A3-SA-JFH-44			FH752
		Field Sample ID: A3-DL-0018354-24092	A3-DL-0000504-24092	A3-DL-0000504-24122	A3-DL-0000504-24153	A3-DL-0017762-24092	A3-DL-0017762-24122	A3-DL-0017762-24153	A3-DL-0017763-24092		
		-N	-N	-N	-N	-N	-N	-N	-N	-N	
		Sample Date: 2024-05-17	2024-04-29	2024-05-03	2024-06-24	2024-04-15	2024-05-03	2024-06-24	2024-04-29		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	--	6.00	--	--	2.00	--
Field Test (ppb)	Free Chlorine	4000	MCL	410	460	650	510	560	570	710	330
Field Test (pH)	pH	--	--	7.33	7.37	7.35	7.27	7.40	7.38	7.10	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.500	0.230	0.250	0.250	0.220	0.240	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	34.5	25.3	24.8	28.2	25.5	26.3	26.7	29.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.14	0.380	0.110	0.180	0.00	0.340	0.330	0.390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	48800	50000	49100	50000	48800	50700	47500
	Total Organic Carbon	--	--	--	ND	ND	ND	ND	ND	ND	210
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 Oil)	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	ND	ND	ND	ND	ND	ND
	Naphthalene	--	--	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	ND	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	ND	--	--	ND	--
	Benzene	5	MCL	--	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		Location ID: A3-HYD0368		A3-HYD1426				A3-HYD1743			A3-HYD2499
		Location Type: Hydrant		Hydrant				Hydrant			Hydrant
		Address: Physical Number: 51		FH ID: SA-LFH 2				A3-SA-JFH-44			FH752
		Field Sample ID: A3-DL-0018354-24092	A3-DL-0000504-24092	A3-DL-0000504-24122	A3-DL-0000504-24153	A3-DL-0017762-24092	A3-DL-0017762-24122	A3-DL-0017762-24153	A3-DL-0017763-24092		
		-N	-N	-N	-N	-N	-N	-N	-N	-N	
		Sample Date: 2024-05-17	2024-04-29	2024-05-03	2024-06-24	2024-04-15	2024-05-03	2024-06-24	2024-04-29		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	--	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	--	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	--	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	--	ND	ND	ND	ND	ND	ND	
	Xylenes, Total	10000	MCL	--	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	ND	ND	ND	0.770	
	Bromoform	--	--	--	0.390	0.390	0.400	0.560	0.260	ND	
	Chloroform	--	--	--	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	--	0.330	0.320	0.310	0.400	ND	ND	
	Total Trihalomethanes	80	MCL	--	0.720	0.710	0.710	0.960	0.260	ND	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		A3-HYD2499				A3-HYD663				
		Hydrant				Hydrant				
		FH752				SA-JFH-52				
		A3-DL-0017763-24092	A3-DL-0017763-24122	A3-DL-0017763-24122	A3-DL-0017763-24153	A3-DL-0017764-24092	A3-DL-0017764-24122	A3-DL-0017764-24092	A3-DL-0017764-24092	
		-3-N	-N	-3-N	-N	-N	-N	-N-R1	-N-R2	
		2024-04-29	2024-05-03	2024-05-03	2024-06-24	2024-04-15	2024-05-03	2024-05-17	2024-05-28	
		FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Present	Absent	
	E. coli	--	--	--	--	Absent	--	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	--	ND	--	86.0	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	--	520	180	310	270	610	620
Field Test (pH)	pH	--	--	--	7.45	7.28	7.39	7.39	7.35	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.260	0.260	0.220	0.250	0.230	0.240
Field Test (degrees Celcius)	Temperature	--	--	--	28.1	30.5	24.7	24.7	26.4	26.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.00	0.710	0.00	0.00	1.55	0.140
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	48800	48800	51300	51300	54000	50000	--
	Total Organic Carbon	--	--	200	ND	ND	ND	ND	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	--
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	--
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		A3-HYD2499				A3-HYD663					
		Hydrant				Hydrant					
		FH752				SA-JFH-52					
		A3-DL-0017763-24092	A3-DL-0017763-24122	A3-DL-0017763-24122	A3-DL-0017763-24153	A3-DL-0017764-24092	A3-DL-0017764-24122	A3-DL-0017764-24092	A3-DL-0017764-24092		
		-3-N	-N	-3-N	-N	-N	-N	-N-R1	-N-R2		
		2024-04-29	2024-05-03	2024-05-03	2024-06-24	2024-04-15	2024-05-03	2024-05-17	2024-05-28		
		FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	--	--
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	--
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	--	--
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	--	--
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.690	0.770	0.770	0.860	ND	ND	--	--
	Bromoform	--	--	3.70	3.90	3.90	3.00	0.400	ND	--	--
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	--	--
	Dibromochloromethane	--	--	2.20	2.50	2.50	2.20	0.420	ND	--	--
	Total Trihalomethanes	80	MCL	6.59	7.17	7.17	6.06	0.820	ND	--	--

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

				Location ID:	A3-HYD663	A3-HYD664		A3-HYD809		A3-HYD908		
				Location Type:	Hydrant	Hydrant		Hydrant		Hydrant		
				Address:	SA-JFH-52	SA-JFH-4		SA-JFH-28		SA-JFH-72		
				Field Sample ID:	A3-DL-0017764-24153 -N	A3-DL-0017765-24092 -N	A3-DL-0017765-24122 -N	A3-DL-0017765-24153 -N	A3-DL-0017766-24092 -N	A3-DL-0017766-24122 -N	A3-DL-0017766-24153 -N	A3-DL-0017767-24092 -N
				Sample Date:	2024-06-24	2024-04-29	2024-05-14	2024-06-24	2024-04-29	2024-05-14	2024-06-24	2024-04-15
				Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	--	Absent	Absent	--	
	E. coli	--	--	Absent	--	Absent	Absent	--	Absent	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	--	4.00	ND	--	ND	ND	--	
Field Test (ppb)	Free Chlorine	4000	MCL	380	530	700	440	410	640	170	450	
Field Test (pH)	pH	--	--	7.19	7.37	7.28	7.11	7.48	7.28	7.17	7.35	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.230	0.230	0.240	0.240	0.230	0.240	0.240	
Field Test (degrees Celcius)	Temperature	--	--	27.3	24.8	26.4	24.6	28.5	28.6	26.8	27.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.490	1.11	0.0750	0.440	1.55	0.690	0.240	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50300	48800	52000	51300	50000	63300	51400	50000	
	Total Organic Carbon	--	--	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 Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	ND	--	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	ND	--	--	ND	--	--	ND	--	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone A3

Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		Location ID:		A3-HYD663		A3-HYD664		A3-HYD809		A3-HYD908	
		Location Type:		Hydrant		Hydrant		Hydrant		Hydrant	
		Address:		SA-JFH-52		SA-JFH-4		SA-JFH-28		SA-JFH-72	
		Field Sample ID:		A3-DL-0017764-24153	A3-DL-0017765-24092	A3-DL-0017765-24122	A3-DL-0017765-24153	A3-DL-0017766-24092	A3-DL-0017766-24122	A3-DL-0017766-24153	A3-DL-0017767-24092
				-N							
		Sample Date:		2024-06-24	2024-04-29	2024-05-14	2024-06-24	2024-04-29	2024-05-14	2024-06-24	2024-04-15
		Sample Type:		N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Ethylbenzene	700	MCL	ND							
	m,p-Xylene	--	--	ND							
	o-Xylene	--	--	ND							
	Toluene	1000	MCL	ND							
	Xylenes, Total	10000	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND							
	Bromoform	--	--	ND	ND	ND	ND	0.250	ND	ND	0.380
	Chloroform	--	--	ND							
	Dibromochloromethane	--	--	ND	0.420						
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.250	ND	ND	0.800

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		Location ID: A3-HYD908		A3-HYD908		A3-HYD920		A3-HYD920	
		Hydrant		Hydrant		Hydrant		Hydrant	
		SA-JFH-72		SA-JFH-72		SA-JFH-7		SA-JFH-7	
		Field Sample ID: A3-DL-0017767-24122	A3-DL-0017767-24153	A3-DL-0017768-24092	A3-DL-0017768-24122	A3-DL-0017768-24153			
		-N	-N	-N	-N	-N			
		Sample Date: 2024-05-14	2024-06-24	2024-04-15	2024-05-10	2024-06-24			
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	Absent	
	E. coli	--	--	Absent	Absent	--	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	620	270	370	660	440	
Field Test (pH)	pH	--	--	7.28	7.18	7.37	7.32	6.90	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.250	0.240	0.230	0.240	
Field Test (degrees Celcius)	Temperature	--	--	26.7	26.1	25.1	26.9	26.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.860	0.240	0.240	1.12	0.640	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53800	52400	53500	52400	52500	
	Total Organic Carbon	--	--	ND	ND	ND	ND	330	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	--	ND	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	--	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	

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

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), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - 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
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in April 2024 - June 2024 from Hydrants in Zone A3

		Location ID: A3-HYD908		A3-HYD920		
		Hydrant		Hydrant		
		SA-JFH-72		SA-JFH-7		
		A3-DL-0017767-24122	A3-DL-0017767-24153	A3-DL-0017768-24092	A3-DL-0017768-24122	A3-DL-0017768-24153
		-N	-N	-N	-N	-N
		2024-05-14	2024-06-24	2024-04-15	2024-05-10	2024-06-24
		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)	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	ND	ND	0.350
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.400
	Total Trihalomethanes	80	MCL	ND	ND	0.750