

Summary of Chemistry Results
Zone A1
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
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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID:		A1-ALOH1616		A1-ASHL5102				A1-AUST0237	
		Location Type:		Residence		Residence				Residence	
		Address:		1616 Aloha Avenue		5102 Ashley Avenue				237 Austin Court	
		Field Sample ID:		A1-TW-0001576-24092-N	A1-TW-0001576-24092-N-H	A1-TW-0001293-24092-N	A1-TW-0001293-24092-3-N	A1-TW-0001293-24092-N-H	A1-TW-0001293-24092-3-N-H	A1-TW-0000423-24092-N	A1-TW-0000423-24092-N-H
		Sample Date:		2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-22	2024-07-22
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	ND
Field Test (ppb)	Free Chlorine	4000	MCL	590	310	570	--	0.00	--	510	450
Field Test (pH)	pH	--	--	7.25	7.47	7.16	--	7.57	--	7.27	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.250	--	0.290	--	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	22.7	48.2	24.6	--	54.6	--	25.9	43.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.100	0.0560	0.440	--	0.160	--	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56200	--	58200	58300	--	--	56600	--
	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	31.2	--	22.0	21.8	--	--	18.3	--
	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	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	--	--	ND	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ALOH1616		Location ID: A1-ASHL5102				Location ID: A1-AUST0237	
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
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	--	--	0.360	--
	Chloroform	--	--	ND	--	ND	ND	--	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	ND	--	--	0.280	--
	Total Trihalomethanes	80	MCL	ND	--	ND	ND	--	--	0.640	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-ETCE0283 Residence 283 Etccl Court		A1-ETCE0291 Residence 291 Etccl Court		A1-ETCE0297 Residence 297 Etccl Court			
				Field Sample ID: A1-TW-0001244-24092-N	Field Sample ID: A1-TW-0001244-24092-N-H	Field Sample ID: A1-TW-0000434-24092-N	Field Sample ID: A1-TW-0000434-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N	Field Sample ID: A1-TW-0001250-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N-1	Field Sample ID: A1-TW-0001250-24092-N-2
				Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-25	Sample Date: 2024-07-25
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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	2.00	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	470	200	400	480	360	380	870	580
Field Test (pH)	pH	--	--	7.36	7.47	7.29	7.08	7.11	7.15	7.23	7.06
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.240	0.260	0.260	0.270	0.230	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.9	54.9	26.2	42.1	25.5	46.9	26.0	26.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0950	0.00	0.00000400	0.0430	0.00	0.0950	0.150	0.190
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55800	--	58000	--	57400	--	--	--
	Total Organic Carbon	--	--	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	--	73.0	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	73.0	--	ND	ND
Metals (ppb)	Copper	1300	MCL	16.5	--	18.2	--	21.0	--	--	--
	Lead	15	MCL	ND	--	ND	--	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	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	--	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID:		A1-ETCE0283		A1-ETCE0291		A1-ETCE0297			
		Location Type:		Residence		Residence		Residence			
		Address:		283 Etccl Court		291 Etccl Court		297 Etccl Court			
		Field Sample ID:		A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
		Sample Date:		2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
		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)	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	--	0.300	--	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	0.260	--	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.560	--	--	--
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	11H-Benzo(b)fluorene	--	--	--	--	--	--	ND	--	--	--
	1-Methyl-7-(1-methylethyl)-phenanthrene	--	--	--	--	--	--	ND	--	--	--
	1-Methyldibenzothiophene	--	--	--	--	--	--	ND	--	--	--
	1-Methylnaphthalene	--	--	--	--	--	--	ND	--	--	--
	1-Methylphenanthrene	--	--	--	--	--	--	ND	--	--	--
	2,3,5-Trimethylnaphthalene	--	--	--	--	--	--	ND	--	--	--
	2,6-Dimethylnaphthalene	--	--	--	--	--	--	ND	--	--	--
	2+3-Methyldibenzothiophene Total	--	--	--	--	--	--	ND	--	--	--
	2-Methylantracene	--	--	--	--	--	--	ND	--	--	--
	2-Methylnaphthalene	--	--	--	--	--	--	ND	--	--	--
	2-Methylphenanthrene	--	--	--	--	--	--	ND	--	--	--
	2-Methylpyrene	--	--	--	--	--	--	ND	--	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ETCE0283		Location ID: A1-ETCE0291		Location ID: A1-ETCE0297			
				Location Type: Residence	Address: 283 Etccl Court	Location Type: Residence	Address: 291 Etccl Court	Residence 297 Etccl Court			
				Field Sample ID: A1-TW-0001244-24092-N	Field Sample ID: A1-TW-0001244-24092-N-H	Field Sample ID: A1-TW-0000434-24092-N	Field Sample ID: A1-TW-0000434-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N	Field Sample ID: A1-TW-0001250-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N-1	Field Sample ID: A1-TW-0001250-24092-N-2
				Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-25	Sample Date: 2024-07-25
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	3-Methylphenanthrene	--	--	--	--	--	--	ND	--	--	--
	4+9-Methylphenanthrene Total	--	--	--	--	--	--	ND	--	--	--
	4-Methyldibenzothiophene	--	--	--	--	--	--	ND	--	--	--
	4-Methylpyrene	--	--	--	--	--	--	ND	--	--	--
	Acenaphthene	--	--	--	--	--	--	ND	--	--	--
	Acenaphthylene	--	--	--	--	--	--	ND	--	--	--
	Anthracene	--	--	--	--	--	--	ND	--	--	--
	Benzo(a)anthracene	--	--	--	--	--	--	ND	--	--	--
	Benzo(a)fluoranthene	--	--	--	--	--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	ND	--	--	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	--	--
	Benzo(b)thiophene	--	--	--	--	--	--	ND	--	--	--
	Benzo(c)fluorene	--	--	--	--	--	--	ND	--	--	--
	Benzo(e)pyrene	--	--	--	--	--	--	ND	--	--	--
	Benzo(g,h,i)perylene	--	--	--	--	--	--	ND	--	--	--
	Benzo(j+k)fluoranthene Total	--	--	--	--	--	--	ND	--	--	--
	Benzonaphthothiophene	--	--	--	--	--	--	ND	--	--	--
	Biphenyl (Diphenyl)	--	--	--	--	--	--	ND	--	--	--
	C1-Benzo(b)thiophenes	--	--	--	--	--	--	ND	--	--	--
	C1-Chrysene	--	--	--	--	--	--	ND	--	--	--
C1-Decalins	--	--	--	--	--	--	ND	--	--	--	
C1-Dibenzothiophene	--	--	--	--	--	--	ND	--	--	--	
C1-Fluoranthenes/Pyrenes	--	--	--	--	--	--	ND	--	--	--	

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				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
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				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C1-Fluorene	--	--	A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
	C1-Naphthalene	--	--	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
	C1-Naphthobenzothiophenes	--	--	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
	C1-Phenanthrene/Anthracene	--	--								
	C2-Benzo(b)thiophenes	--	--								
	C2-Chrysene	--	--								
	C2-Decalins	--	--								
	C2-Dibenzothiophene	--	--								
	C2-Fluoranthenes/Pyrenes	--	--								
	C2-Fluorene	--	--								
	C2-Naphthalene	--	--								
	C2-Naphthobenzothiophenes	--	--								
	C2-Phenanthrene/Anthracene	--	--								
	C3-Benzo(b)thiophenes	--	--								
	C3-Chrysene	--	--								
	C3-Decalins	--	--								
	C3-Dibenzothiophene	--	--								
	C3-Fluoranthenes/Pyrenes	--	--								
	C3-Fluorene	--	--								
	C3-Naphthalene	--	--								
	C3-Naphthobenzothiophenes	--	--								
	C3-Phenanthrene/Anthracene	--	--								
	C4-Benzo(b)thiophenes	--	--								

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				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C4-Chrysene	--	--	A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
	C4-Decalins	--	--	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
	C4-Dibenzothiophenes	--	--	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
	C4-Fluoranthenes/Pyrenes	--	--								
	C4-Naphthalene	--	--								
	C4-Naphthobenzothiophenes	--	--								
	C4-Phenanthrene/Anthracene	--	--								
	Carbazole	--	--								
	Chrysene+Triphenylene Total	--	--								
	cis+trans-Decahydronaphthalene Total	--	--								
	Dibenz(a,c)+(a,h)anthracene Total	--	--								
	Dibenzofuran	--	--								
	Dibenzothiophene	--	--								
	Fluoranthene	--	--								
	Fluorene	--	--								
	Indeno(1,2,3-c,d)pyrene	--	--								
	Methylpyrene	--	--								
	Naphthalene	--	--								
	Perylene	--	--								
	Phenanthrene	--	--								
Pyrene	--	--									
PIANO Volatile Organic Compounds (ppb)	1,1,4-Trimethylcyclohexane	--	--								
	1,1-Dimethyl cyclopentane	--	--								

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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 July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ETCE0283		Location ID: A1-ETCE0291		Location ID: A1-ETCE0297			
				Location Type: Residence	Address: 283 Etccl Court	Location Type: Residence	Address: 291 Etccl Court	Residence 297 Etccl Court			
				Field Sample ID: A1-TW-0001244-24092-N	Field Sample ID: A1-TW-0001244-24092-N-H	Field Sample ID: A1-TW-0000434-24092-N	Field Sample ID: A1-TW-0000434-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N	Field Sample ID: A1-TW-0001250-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N-1	Field Sample ID: A1-TW-0001250-24092-N-2
				Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-25	Sample Date: 2024-07-25
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	1,2,3,4-Tetramethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2,3,5-Tetramethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2,3-Trimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2,4,5-Tetramethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2,4-Triethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2,4-Trimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,2-Dibromoethane (EDB)	--	--	--	--	--	--	ND	--	--	--
	1,2-Dichloroethane	5	MCL	--	--	--	--	ND	--	--	--
	1,2-Diethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,3,5-Triethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,3,5-Trimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1,3-Diethyl benzene	--	--	--	--	--	--	ND	--	--	--
	1,3-Dimethyl-5-tert-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	1-Ethyl-2,3-dimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1-Ethyl-2,4-dimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1-ethyl-3,5-Dimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	1-Heptene+trans-1,2-Dimethylcyclopentane Total	--	--	--	--	--	--	ND	--	--	--
	1-Hexene	--	--	--	--	--	--	ND	--	--	--
	1-Methylnaphthalene	--	--	--	--	--	--	ND	--	--	--
	1-Nonene	--	--	--	--	--	--	ND	--	--	--
	1-Pentene	--	--	--	--	--	--	ND	--	--	--
	2,2,3-Trimethylbutane	--	--	--	--	--	--	ND	--	--	--

Summary of Chemistry Results

Zone A1

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

Notes:
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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-ETCE0283		A1-ETCE0291		A1-ETCE0297			
				Residence	Residence	Residence		Residence		Residence	
				283 Etccl Court		291 Etccl Court		297 Etccl Court			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
PIANO Volatile Organic Compounds (ppb)	2,2,3-Trimethylpentane	--	--	A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
	2,2,4-Trimethylpentane	--	--	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
	2,2-Dimethyl hexane	--	--	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
	2,2-Dimethylbutane	--	--								
	2,2-Dimethylpentane	--	--								
	2,3,3-Trimethylpentane	--	--								
	2,3,4-Trimethylpentane	--	--								
	2,3-Dihydro-1H-indene	--	--								
	2,3-Dimethyl hexane	--	--								
	2,3-Dimethylbutane	--	--								
	2,3-Dimethylethylheptane	--	--								
	2,3-Dimethylpentane	--	--								
	2,4-Dimethylhexane	--	--								
	2,4-Dimethylpentane	--	--								
	2,5-Dimethylheptane	--	--								
	2,5-Dimethylhexane	--	--								
	2-Ethyl-1,3-dimethylbenzene	--	--								
	2-ethyl-1,4-Dimethylbenzene	--	--								
	2-Ethylthiophene	--	--								
	2-Ethyltoluene	--	--								
	2-Methyl butane	--	--								
	2-Methyl hexane	--	--								
	2-Methyl-1,3-butadiene (Isoprene)	--	--								

Summary of Chemistry Results

Zone A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-ETCE0283		A1-ETCE0291		A1-ETCE0297					
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2		
				2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25		
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
PIANO Volatile Organic Compounds (ppb)	2-Methyl-1-butene	--	--	--	--	--	--	ND	--	--	--		
	2-Methyl-2-pentene	--	--	--	--	--	--	ND	--	--	--		
	2-Methyl-heptane	--	--	--	--	--	--	ND	--	--	--		
	2-Methylnaphthalene	--	--	--	--	--	--	ND	--	--	--		
	2-Methylnonane	--	--	--	--	--	--	ND	--	--	--		
	2-Methyloctane	--	--	--	--	--	--	ND	--	--	--		
	2-Methyl-pentane	--	--	--	--	--	--	ND	--	--	--		
	2-Methylthiophene	--	--	--	--	--	--	ND	--	--	--		
	2-Propyltoluene	--	--	--	--	--	--	ND	--	--	--		
	3,3-Diethylpentane	--	--	--	--	--	--	ND	--	--	--		
	3,3-Dimethylheptane	--	--	--	--	--	--	ND	--	--	--		
	3,3-Dimethyloctane	--	--	--	--	--	--	ND	--	--	--		
	3,3-Dimethylpentane	--	--	--	--	--	--	ND	--	--	--		
	3,4-Dimethylheptane	--	--	--	--	--	--	ND	--	--	--		
	3,5-Dimethylheptane	--	--	--	--	--	--	ND	--	--	--		
	3-Ethyl pentane	--	--	--	--	--	--	ND	--	--	--		
	3-Ethylhexane	--	--	--	--	--	--	ND	--	--	--		
	3-Ethyltoluene	--	--	--	--	--	--	ND	--	--	--		
	3-Methyl-1-butene	--	--	--	--	--	--	ND	--	--	--		
	3-Methylheptane	--	--	--	--	--	--	ND	--	--	--		
	3-Methylhexane	--	--	--	--	--	--	ND	--	--	--		
	3-Methylnonane	--	--	--	--	--	--	ND	--	--	--		
	3-Methylpentane	--	--	--	--	--	--	ND	--	--	--		

Summary of Chemistry Results

Zone A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ETCE0283		Location ID: A1-ETCE0291		Location ID: A1-ETCE0297			
				Location Type: Residence	Address: 283 Etccl Court	Location Type: Residence	Address: 291 Etccl Court	Residence 297 Etccl Court			
				Field Sample ID: A1-TW-0001244-24092-N	Field Sample ID: A1-TW-0001244-24092-N-H	Field Sample ID: A1-TW-0000434-24092-N	Field Sample ID: A1-TW-0000434-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N	Field Sample ID: A1-TW-0001250-24092-N-H	Field Sample ID: A1-TW-0001250-24092-N-1	Field Sample ID: A1-TW-0001250-24092-N-2
				Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-25	Sample Date: 2024-07-25
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	3-Methylthiophene	--	--	--	--	--	--	ND	--	--	--
	3-Propylbenzene	--	--	--	--	--	--	ND	--	--	--
	4-ethyl-1,2-Dimethylbenzene	--	--	--	--	--	--	ND	--	--	--
	4-Ethyltoluene	--	--	--	--	--	--	ND	--	--	--
	4-Methyl-1-pentene	--	--	--	--	--	--	ND	--	--	--
	4-Methylheptane	--	--	--	--	--	--	ND	--	--	--
	4-Methyloctane	--	--	--	--	--	--	ND	--	--	--
	4-Propyltoluene	--	--	--	--	--	--	ND	--	--	--
	Benzene	5	MCL	--	--	--	--	ND	--	--	--
	Benzo(b)thiophene	--	--	--	--	--	--	ND	--	--	--
	cis-1,2-Dimethylcyclohexane	--	--	--	--	--	--	ND	--	--	--
	cis-1,3-Dimethylcyclopentane	--	--	--	--	--	--	ND	--	--	--
	cis-2-Heptene	--	--	--	--	--	--	ND	--	--	--
	cis-2-Hexene	--	--	--	--	--	--	ND	--	--	--
	cis-2-Nonene	--	--	--	--	--	--	ND	--	--	--
	cis-2-Octene	--	--	--	--	--	--	ND	--	--	--
	cis-2-Pentene	--	--	--	--	--	--	ND	--	--	--
	cis-3-Nonene	--	--	--	--	--	--	ND	--	--	--
	Cumene	--	--	--	--	--	--	ND	--	--	--
	Cyclohexane	--	--	--	--	--	--	ND	--	--	--
	Cyclopentane	--	--	--	--	--	--	ND	--	--	--
	Decene	--	--	--	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	--	--	--	--	ND	--	--	--

Summary of Chemistry Results

Zone A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-ETCE0283		A1-ETCE0291		A1-ETCE0297			
				Residence	Residence	Residence		Residence		Residence	
				283 Etccl Court		291 Etccl Court		297 Etccl Court			
				A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
				2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
PIANO Volatile Organic Compounds (ppb)	Ethyl-cyclopentane	--	--	--	--	--	--	ND	--	--	--
	Hexylbenzene	--	--	--	--	--	--	ND	--	--	--
	Indene	--	--	--	--	--	--	ND	--	--	--
	Isobutylbenzene	--	--	--	--	--	--	ND	--	--	--
	Isobutylcyclohexane	--	--	--	--	--	--	ND	--	--	--
	Isopropyl ether	--	--	--	--	--	--	ND	--	--	--
	Isopropylcyclopentane	--	--	--	--	--	--	ND	--	--	--
	m,p-Xylene	--	--	--	--	--	--	ND	--	--	--
	m-Cymene	--	--	--	--	--	--	ND	--	--	--
	Methyl tert-butyl ether (MTBE)	--	--	--	--	--	--	ND	--	--	--
	Methylcyclohexane	--	--	--	--	--	--	ND	--	--	--
	Methylcyclopentadienyl Manganese Tricarbonyl	--	--	--	--	--	--	ND	--	--	--
	Methylcyclopentane	--	--	--	--	--	--	ND	--	--	--
	Methylethylcyclohexane	--	--	--	--	--	--	ND	--	--	--
	Naphthalene	--	--	--	--	--	--	ND	--	--	--
	n-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	n-Decane	--	--	--	--	--	--	ND	--	--	--
	n-Dodecane	--	--	--	--	--	--	ND	--	--	--
	n-Heptane	--	--	--	--	--	--	ND	--	--	--
	n-Hexane	--	--	--	--	--	--	1.70	--	--	--
	n-Nonane	--	--	--	--	--	--	ND	--	--	--
	n-Octane	--	--	--	--	--	--	ND	--	--	--
	n-Pentane	--	--	--	--	--	--	ND	--	--	--

Summary of Chemistry Results

Zone A1

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A1-ETCE0283		Location ID: A1-ETCE0291		Location ID: A1-ETCE0297			
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
PIANO Volatile Organic Compounds (ppb)	n-Propylbenzene	--	--	--	--	--	--	ND	--	--	--
	n-Tetradecane	--	--	--	--	--	--	ND	--	--	--
	n-Tridecane	--	--	--	--	--	--	ND	--	--	--
	n-Undecane	--	--	--	--	--	--	ND	--	--	--
	Octene-1	--	--	--	--	--	--	ND	--	--	--
	o-Cymene (o-Isopropyltoluene)	--	--	--	--	--	--	ND	--	--	--
	o-Xylene	--	--	--	--	--	--	ND	--	--	--
	p-Cymene (p-Isopropyltoluene)	--	--	--	--	--	--	ND	--	--	--
	Pentadecane	--	--	--	--	--	--	ND	--	--	--
	Pentylbenzene	--	--	--	--	--	--	ND	--	--	--
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	Styrene	100	MCL	--	--	--	--	ND	--	--	--
	tert-Amyl methyl ether	--	--	--	--	--	--	ND	--	--	--
	tert-Butyl alcohol	--	--	--	--	--	--	ND	--	--	--
	tert-Butyl ethyl ether	--	--	--	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	ND	--	--	--
	Thiophene	--	--	--	--	--	--	ND	--	--	--
	Toluene	1000	MCL	--	--	--	--	ND	--	--	--
	trans-1,2-Dimethylcyclohexane	--	--	--	--	--	--	ND	--	--	--
	trans-1,4-Dimethylcyclohexane	--	--	--	--	--	--	ND	--	--	--
trans-2-Heptene	--	--	--	--	--	--	ND	--	--	--	
trans-2-Hexene	--	--	--	--	--	--	ND	--	--	--	
trans-2-Pentene	--	--	--	--	--	--	ND	--	--	--	

Summary of Chemistry Results

Zone A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID: A1-ETCE0283		A1-ETCE0291		A1-ETCE0297				
		Residence		Residence		Residence				
		283 Etccl Court		291 Etccl Court		297 Etccl Court				
		Field Sample ID:	A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2
		Sample Date:	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25
		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							
PIANO Volatile Organic Compounds (ppb)	trans-3-Heptene	--	--	--	--	--	ND	--	--	--
	trans-3-Nonene	--	--	--	--	--	ND	--	--	--
	Trimethyl octane	--	--	--	--	--	ND	--	--	--
	Xylenes, Total	10000	MCL	--	--	--	ND	--	--	--
Saturated Hydrocarbons (ppb)	2,6,10,14-Tetramethylhexadecane	--	--	--	--	--	ND	--	--	--
	2,6,10,14-Tetramethylpentadecane	--	--	--	--	--	ND	--	--	--
	2,6,10-Trimethyldodecane	--	--	--	--	--	ND	--	--	--
	2,6,10-Trimethylpentadecane	--	--	--	--	--	ND	--	--	--
	2,6,10-Trimethyltridecane	--	--	--	--	--	ND	--	--	--
	Dotriacontane	--	--	--	--	--	ND	--	--	--
	Henicosane	--	--	--	--	--	ND	--	--	--
	Hentriacontane	--	--	--	--	--	ND	--	--	--
	Heptacosane	--	--	--	--	--	ND	--	--	--
	Heptadecane	--	--	--	--	--	ND	--	--	--
	Heptatriacontane	--	--	--	--	--	ND	--	--	--
	Hexatriacontane	--	--	--	--	--	ND	--	--	--
	n-Decane	--	--	--	--	--	ND	--	--	--
	n-Docosane	--	--	--	--	--	ND	--	--	--
	n-Dodecane	--	--	--	--	--	ND	--	--	--
	n-Eicosane	--	--	--	--	--	ND	--	--	--
	n-Hexacosane	--	--	--	--	--	ND	--	--	--
	n-Hexadecane	--	--	--	--	--	ND	--	--	--
	n-Nonane	--	--	--	--	--	ND	--	--	--

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A1-ETCE0283		A1-ETCE0291		A1-ETCE0297					
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				A1-TW-0001244-24092-N	A1-TW-0001244-24092-N-H	A1-TW-0000434-24092-N	A1-TW-0000434-24092-N-H	A1-TW-0001250-24092-N	A1-TW-0001250-24092-N-H	A1-TW-0001250-24092-N-1	A1-TW-0001250-24092-N-2		
				2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-25	2024-07-25		
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Saturated Hydrocarbons (ppb)	n-Octacosane	--	--	--	--	--	--	ND	--	--	--		
	n-Octadecane	--	--	--	--	--	--	ND	--	--	--		
	Nonacosane	--	--	--	--	--	--	ND	--	--	--		
	Nonadecane	--	--	--	--	--	--	ND	--	--	--		
	Nonatriacontane	--	--	--	--	--	--	ND	--	--	--		
	n-Tetracosane	--	--	--	--	--	--	ND	--	--	--		
	n-Tetradecane	--	--	--	--	--	--	ND	--	--	--		
	n-Triacontane	--	--	--	--	--	--	ND	--	--	--		
	n-Tridecane	--	--	--	--	--	--	ND	--	--	--		
	n-Undecane	--	--	--	--	--	--	ND	--	--	--		
	Octatriacontane	--	--	--	--	--	--	ND	--	--	--		
	Pentacosane	--	--	--	--	--	--	ND	--	--	--		
	Pentadecane	--	--	--	--	--	--	ND	--	--	--		
	Pentatriacontane	--	--	--	--	--	--	ND	--	--	--		
	Petroleum Hydrocarbons C9-C44	--	--	--	--	--	--	ND	--	--	--		
	Tetracontane	--	--	--	--	--	--	ND	--	--	--		
	Tetratriacontane	--	--	--	--	--	--	ND	--	--	--		
	Total Saturated Hydrocarbons	--	--	--	--	--	--	ND	--	--	--		
	Tricosane	--	--	--	--	--	--	ND	--	--	--		
	Trtriacontane	--	--	--	--	--	--	ND	--	--	--		

Summary of Chemistry Results
Zone A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-FARM6001		A1-FARM6009		A1-KIRK2202		A1-LANA4011	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				A1-ETCE0297 Residence 297 Etccl Court	A1-TW-0001252-24092-N-WQI	A1-TW-0001252-24092-N-H-WQI	A1-TW-0001256-24092-N	A1-TW-0001256-24092-N-H	A1-TW-0001632-24092-N	A1-TW-0001632-24092-N-H	A1-TW-0000417-24092-N	
					2024-07-25	2024-07-08	2024-07-08	2024-07-19	2024-07-19	2024-07-23	2024-07-23	2024-07-19
					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	ND	10.0	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	650	460	630	480	210	380	20.0	290	
Field Test (pH)	pH	--	--	7.06	7.18	7.40	7.35	7.36	7.40	7.80	7.20	
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.240	0.250	0.240	0.260	0.240	0.290	0.240	
Field Test (degrees Celcius)	Temperature	--	--	25.9	26.4	38.0	26.7	47.5	25.4	56.2	22.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.160	0.0700	0.230	0.330	0.450	0.490	0.380	0.580	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53000	--	59700	--	58800	--	56500	
	Total Organic Carbon	--	--	--	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	--	14.3	--	19.0	--	16.0	--	48.4	
	Lead	15	MCL	--	ND	--	ND	--	0.130	--	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 A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-FARM6001		A1-FARM6009		A1-KIRK2202		A1-LANA4011	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	6001 Farm Street		6009 Farm Street		2202 Kirkbride Avenue		4011 Lanakila Avenue	
				Field Sample ID:	A1-TW-0001250-24092-N-R1	A1-TW-0001252-24092-N-WQI	A1-TW-0001252-24092-N-H-WQI	A1-TW-0001256-24092-N	A1-TW-0001256-24092-N-H	A1-TW-0001632-24092-N	A1-TW-0001632-24092-N-H	A1-TW-0000417-24092-N
				Sample Date:	2024-07-25	2024-07-08	2024-07-08	2024-07-19	2024-07-19	2024-07-23	2024-07-23	2024-07-19
				Sample Type:	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 A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID:	A1-LANA4011	A1-LANA4102		A1-LANA4313		A1-LANI0308		A1-LEHU0320	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	4011 Lanakila Avenue	4102 Lanakila Avenue		4313 Lanakila Avenue		308 Laniwai Avenue		320 Lehua Avenue	
		Field Sample ID:	A1-TW-0000417-24092-N-H	A1-TW-0001659-24092-N	A1-TW-0001659-24092-N-H	A1-TW-0000447-24092-N	A1-TW-0000447-24092-N-H	A1-TW-0001503-24092-N	A1-TW-0001503-24092-N-H	A1-TW-0001522-24092-N	
		Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-22	2024-07-22	2024-07-19	
		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	4.00	ND	ND	ND	33.0
Field Test (ppb)	Free Chlorine	4000	MCL	160	470	340	520	440	220	670	390
Field Test (pH)	pH	--	--	7.26	7.43	7.56	7.40	7.67	7.25	7.25	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.250	0.270	0.240	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	43.5	25.0	42.3	26.1	36.5	26.8	37.6	27.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.120	0.360	0.520	0.210	0.140	0.0960	0.180	0.650
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58300	--	59500	--	56700	--	58700
	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	--	9.30	--	35.2	--	37.7	--	15.9
	Lead	15	MCL	--	ND	--	0.130	--	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 A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID:		A1-LANA4011		A1-LANA4102		A1-LANA4313		A1-LANI0308		A1-LEHU0320							
		Location Type:		Residence		Residence		Residence		Residence		Residence							
		Address:		4011 Lanakila Avenue		4102 Lanakila Avenue		4313 Lanakila Avenue		308 Laniwai Avenue		320 Lehua Avenue							
		Field Sample ID:		A1-TW-0000417-24092-N-H		A1-TW-0001659-24092-N		A1-TW-0001659-24092-N-H		A1-TW-0000447-24092-N		A1-TW-0000447-24092-N-H		A1-TW-0001503-24092-N		A1-TW-0001503-24092-N-H		A1-TW-0001522-24092-N	
		Sample Date:		2024-07-19		2024-07-19		2024-07-19		2024-07-19		2024-07-22		2024-07-22		2024-07-19			
		Sample Type:		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level																
Volatile Organic Compounds (ppb)	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	--	0.290							
	Bromoform	--	--	--	ND	--	--	ND	--	ND	--	1.00							
	Chloroform	--	--	--	ND	--	--	ND	--	ND	--	ND							
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	ND	--	0.790							
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	ND	--	2.08							

Summary of Chemistry Results
Zone A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LEHU0420			A1-LEYC0156																					
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																
				A1-LEHU0320 Residence 320 Lehua Avenue	A1-TW-0001667-24092-N	2024-07-19	N (Normal)	A1-LEHU0420 Residence 420 Lehua Avenue	A1-TW-0001667-24092-3-N	2024-07-19	FD (Field Duplicate)	A1-LEHU0420 Residence 420 Lehua Avenue	A1-TW-0001667-24092-N-H	2024-07-19	N (Normal)	A1-LEHU0420 Residence 420 Lehua Avenue	A1-TW-0001667-24092-3-N-H	2024-07-19	FD (Field Duplicate)	A1-LEHU0420 Residence 420 Lehua Avenue	A1-TW-0001667-24092-N-H	2024-07-19	N (Normal)	A1-LEHU0420 Residence 420 Lehua Avenue	A1-TW-0001667-24092-3-N-H	2024-07-19	FD (Field Duplicate)		
Bacterial Test (in 100 mL)	Coliform	--	--	--	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	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	86.0	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
Field Test (ppb)	Free Chlorine	4000	MCL	110	540	--	330	--	600	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Test (pH)	pH	--	--	--	7.30	--	7.48	--	7.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.260	--	0.280	--	0.250	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Test (degrees Celcius)	Temperature	--	--	--	24.9	--	34.6	--	25.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.120	--	0.0610	--	0.210	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58900	58500	--	--	57600	57700	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	14.1	13.8	--	--	16.6	16.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	--	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone A1

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LEHU0420			A1-LEYC0156																
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:											
				A1-LEHU0320 Residence 320 Lehua Avenue	A1-TW-0001667-24092-N	2024-07-19	N (Normal)	A1-TW-0001667-24092-3-N	2024-07-19	N (Normal)	A1-TW-0001667-24092-3-N-H	2024-07-19	FD (Field Duplicate)	A1-TW-0000424-24092-N	2024-07-19	N (Normal)	A1-TW-0000424-24092-3-N	2024-07-19	FD (Field Duplicate)	A1-TW-0000424-24092-3-N-H	2024-07-19	FD (Field Duplicate)		
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	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
	m,p-Xylene	--	--	--	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
	Toluene	1000	MCL	--	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
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	ND	--	--	ND	ND	--	ND	ND	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND
	Bromoform	--	--	--	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
	Dibromochloromethane	--	--	--	ND	ND	--	--	ND	ND	--	ND	ND	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	ND	--	--	ND	ND	--	ND	ND	ND	ND	--	ND	ND	--	ND	ND	--	ND	ND

Summary of Chemistry Results
Zone A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID: A1-LEYC0156		A1-LEYC0158		A1-LOCH7001		A1-LOCH7010					
		Residence		Residence		Residence		Residence					
		156 Ley Court		158 Ley Court		7001 Loch Street		7010 Loch Street					
		A1-TW-0000424-24092-N-H		A1-TW-0001720-24092-N		A1-TW-0001720-24092-N-H		A1-TW-0000419-24092-N		A1-TW-0000419-24092-N-H	A1-TW-0001730-24092-N	A1-TW-0001730-24092-3-N	A1-TW-0001730-24092-3-N-H
		2024-07-19		2024-07-19		2024-07-19		2024-07-19		2024-07-19	2024-07-19	2024-07-19	2024-07-19
		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	FD (Field Duplicate)	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	--	--	
	E. coli	--	--	--	Absent	--	Absent	--	Absent	Absent	--	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	4.00	ND	ND	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	380	630	440	570	280	980	--	--	--	
Field Test (pH)	pH	--	--	6.95	6.99	6.94	6.99	7.21	7.26	--	--	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.230	0.280	0.260	0.280	0.240	--	--	--	
Field Test (degrees Celcius)	Temperature	--	--	44.0	24.9	43.9	25.2	42.2	25.0	--	--	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.100	0.810	0.00	0.230	0.220	0.00	--	--	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58900	--	55700	--	56200	55000	--	--	
	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	--	15.0	--	9.70	--	10.9	11.7	--	--	
	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	--	--	
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	ND	--	--	

Summary of Chemistry Results

Zone A1

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-LEYC0158		A1-LOCH7001		A1-LOCH7010			
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	156 Ley Court		7001 Loch Street		7010 Loch Street			
				Field Sample ID:	A1-TW-0000424-24092-N-H	A1-TW-0001720-24092-N	A1-TW-0001720-24092-N-H	A1-TW-0000419-24092-N	A1-TW-0000419-24092-N-H	A1-TW-0001730-24092-N	A1-TW-0001730-24092-3-N	A1-TW-0001730-24092-3-N-H
				Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
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 A1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-PALM1840					A1-PARK0202		A1-PARK0206
				Location Type:	Residence					Residence		Residence
				Address:	1840 Palm Avenue					202 Parker Court		206 Parker Court
				Field Sample ID:	A1-TW-0001743-24092-N	A1-TW-0001743-24092-N	A1-TW-0001743-24092-3-N	A1-TW-0001743-24092-N-H	A1-TW-0001743-24092-3-N-H	A1-TW-0000432-24092-N	A1-TW-0000432-24092-N-H	A1-TW-0001769-24092-N
				Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	360	450	--	150	--	370	340	550	
Field Test (pH)	pH	--	--	7.20	7.13	--	7.29	--	7.29	7.54	7.44	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	--	0.280	--	0.250	0.290	0.250	
Field Test (degrees Celcius)	Temperature	--	--	44.1	25.9	--	46.4	--	27.2	54.5	23.9	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.120	0.410	--	0.0980	--	0.160	0.00	0.0530	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	59300	57000	--	--	58300	--	56800	
	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	--	14.5	14.1	--	--	20.1	--	20.3	
	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	
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	--	--	ND	--	ND	

Summary of Chemistry Results

Zone A1

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A1-PALM1840					A1-PARK0202		A1-PARK0206
				Location Type:	Residence					Residence		Residence
				Address:	1840 Palm Avenue					202 Parker Court		206 Parker Court
				Field Sample ID:	A1-TW-0001743-24092-N	A1-TW-0001743-24092-N	A1-TW-0001743-24092-3-N	A1-TW-0001743-24092-N-H	A1-TW-0001743-24092-3-N-H	A1-TW-0000432-24092-N	A1-TW-0000432-24092-N-H	A1-TW-0001769-24092-N
				Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID: A1-PARK0206		A1-PARK0226		A1-WAIA2425		A1-WAIK2226		A1-WAIP2136	
		Residence		Residence		Residence		Residence		Residence	
		206 Parker Court		226 Parker Court		2425 Waianiani Court		2226 Waikaha Court		2136 Waipuilani Court	
		A1-TW-0001769-24092-N-H		A1-TW-0001779-24092-N	A1-TW-0001779-24092-N-H	A1-TW-0001396-24092-N	A1-TW-0001396-24092-N-H	A1-TW-0001443-24092-N	A1-TW-0001443-24092-N-H	A1-TW-0009228-24092-3-N	
		2024-07-19		2024-07-19	2024-07-19	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-19	
		N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	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
	E. coli	--	--	--	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	150	520	370	190	380	360	340	--
Field Test (pH)	pH	--	--	7.61	7.00	7.15	7.13	7.03	7.25	7.41	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.270	0.240	0.270	0.240	0.260	--
Field Test (degrees Celcius)	Temperature	--	--	41.5	24.5	46.4	26.3	47.3	21.2	39.3	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.190	0.00	0.0720	0.410	0.220	0.300	0.640	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55600	--	58300	--	54900	--	57700
	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	--	14.6	--	41.0	--	29.4	--	24.9
	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
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

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Drinking Water Samples Collected in July 2024 from Residences in Zone A1

				Location ID:	A1-PARK0206	A1-PARK0226		A1-WAIA2425		A1-WAIK2226		A1-WAIP2136
				Location Type:	Residence	Residence		Residence		Residence		Residence
				Address:	206 Parker Court	226 Parker Court		2425 Waianiani Court		2226 Waikaha Court		2136 Waipuilani Court
				Field Sample ID:	A1-TW-0001769-24092-N-H	A1-TW-0001779-24092-N	A1-TW-0001779-24092-N-H	A1-TW-0001396-24092-N	A1-TW-0001396-24092-N-H	A1-TW-0001443-24092-N	A1-TW-0001443-24092-N-H	A1-TW-0009228-24092-3-N
				Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-22	2024-07-22	2024-07-22	2024-07-22	2024-07-19
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
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	--	ND
	Chloroform	--	--	--	ND	--	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A1

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

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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID:		A1-WAIP2136		
		Location Type:		Residence		
		Address:		2136 Waipuilani Court		
		Field Sample ID:		A1-TW-0009228-24092-N	A1-TW-0009228-24092-N-H	A1-TW-0009228-24092-3-N-H
		Sample Date:		2024-07-19	2024-07-19	2024-07-19
		Sample Type:		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	--	--
	E. coli	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	420	--
Field Test (pH)	pH	--	--	7.27	7.34	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	--
Field Test (degrees Celcius)	Temperature	--	--	26.0	42.9	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.470	0.520	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	--	--
	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	25.0	--	--
	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	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	--

Summary of Chemistry Results

Zone A1

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
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A1

		Location ID: A1-WAIP2136				
		Location Type: Residence				
		Address: 2136 Waipuilani Court				
		Field Sample ID: A1-TW-0009228-24092-N	A1-TW-0009228-24092-N-H	A1-TW-0009228-24092-3-N-H		
		Sample Date: 2024-07-19	2024-07-19	2024-07-19		
		Sample Type: N (Normal)	N (Normal)	FD (Field Duplicate)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	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 A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Hydrants in Zone A1

		Location ID:	A1-HYD0402	A1-HYD2253		A1-HYD2254	A1-HYD2431	A1-HYD55B		A1-HYD72	
		Location Type:	Hydrant	Hydrant		Hydrant	Hydrant	Hydrant		Hydrant	
		Address:	SA-DFH 57	SA-AFH 35		FH ID: SA-AFH 7	SA-AFH 60	Hydrant 55B		Hydrant 72	
		Field Sample ID:	A1-DL-0016026-24183 -N	A1-DL-0016024-24183 -N	A1-DL-0016024-24183 -3-N	A1-DL-0000510-24183 -N	A1-DL-0016023-24183 -N	A1-DL-0016025-24183 -N	A1-DL-0016025-24183 -3-N	A1-DL-0016027-24183 -3-N	
		Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	299	ND	6.00	ND	440	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	170	--	530	50.0	30.0	--	
Field Test (pH)	pH	--	--	8.98	7.05	--	7.38	7.40	7.37	--	
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	--	0.240	0.260	0.250	--	
Field Test (degrees Celcius)	Temperature	--	--	30.5	25.7	--	26.5	26.6	24.7	--	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.650	0.630	--	0.510	0.110	0.540	--	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	80200	59900	59700	58000	60700	58800	56700	
	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	
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	
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	
	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	

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A1

		Location ID:	A1-HYD0402	A1-HYD2253			A1-HYD2254	A1-HYD2431	A1-HYD55B		A1-HYD72
		Location Type:	Hydrant	Hydrant			Hydrant	Hydrant	Hydrant		Hydrant
		Address:	SA-DFH 57	SA-AFH 35			FH ID: SA-AFH 7	SA-AFH 60	Hydrant 55B		Hydrant 72
		Field Sample ID:	A1-DL-0016026-24183 -N	A1-DL-0016024-24183 -N	A1-DL-0016024-24183 -3-N	A1-DL-0000510-24183 -N	A1-DL-0016023-24183 -N	A1-DL-0016025-24183 -N	A1-DL-0016025-24183 -3-N	A1-DL-0016027-24183 -3-N	
		Sample Date:	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	2024-07-19	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	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	--	--	0.900	0.250	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	17.7	4.10	3.80	ND	2.20	ND	ND	ND
	Chloroform	--	--	0.300	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	3.30	0.920	1.10	0.270	0.440	ND	ND	ND
	Total Trihalomethanes	80	MCL	22.2	5.27	4.90	0.270	2.64	ND	ND	ND

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
				Location ID: A1-HYD72 Location Type: Hydrant Address: Hydrant 72 Field Sample ID: A1-DL-0016027-24183-N Sample Date: 2024-07-19 Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent
	E. coli	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510
Field Test (pH)	pH	--	--	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.250
Field Test (degrees Celcius)	Temperature	--	--	23.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.700
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56300
	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
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
	1,3,5-Trimethylbenzene	--	--	ND
	Benzene	5	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND

Summary of Chemistry Results

Zone A1

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

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Parts per Million (ppm)
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A1

		Location ID:	A1-HYD72
		Location Type:	Hydrant
		Address:	Hydrant 72
		Field Sample ID:	A1-DL-0016027-24183 -N
		Sample Date:	2024-07-19
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Volatile Organic Compounds (ppb)	o-Xylene	--	--
	Toluene	1000	MCL
	Xylenes, Total	10000	MCL
Trihalomethanes (ppb)	Bromodichloromethane	--	--
	Bromoform	--	--
	Chloroform	--	--
	Dibromochloromethane	--	--
	Total Trihalomethanes	80	MCL
			ND