

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

Notes:
ND = Not Detected
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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-105S6620 Location Type: Residence Address: 6620 105th Street					Location ID: A3-BITT5513 Location Type: Residence Address: 5513 Bittern Avenue		Location ID: A3-CORM5581A Location Type: Residence Address: 5581A Cormorant Avenue
				Field Sample ID: A3-TW-0017454-24092-N	Field Sample ID: A3-TW-0017454-24092-N-H	Field Sample ID: A3-TW-0017454-24092-N-R1	Field Sample ID: A3-TW-0017454-24092-N-1	Field Sample ID: A3-TW-0017454-24092-N-2	Field Sample ID: A3-TW-0016964-24092-N	Field Sample ID: A3-TW-0016964-24092-N-H	Field Sample ID: A3-TW-0016213-24092-N
				Sample Date: 2024-07-24	Sample Date: 2024-07-24	Sample Date: 2024-07-31	Sample Date: 2024-07-31	Sample Date: 2024-07-31	Sample Date: 2024-07-24	Sample Date: 2024-07-24	Sample Date: 2024-07-24
				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	4.00	--	--	--	45.0	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	640	220	730	500	780	660	50.0	670
Field Test (pH)	pH	--	--	7.36	7.38	7.23	7.29	7.27	7.38	7.30	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.250	0.240	0.240	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	30.3	46.1	27.4	27.3	26.9	27.4	55.6	25.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.530	0.460	0.290	0.390	0.430	0.770	0.570	0.100
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58500	--	--	--	--	57500	--	58200
	Total Organic Carbon	--	--	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)	--	--	156	--	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	156	--	ND	ND	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	25.7	--	--	--	--	10.8	--	13.1
	Lead	15	MCL	0.370	--	--	--	--	0.200	--	0.190
	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-105S6620					Location ID: A3-BITT5513		Location ID: A3-CORM5581A	
				Residence 6620 105th Street					Residence 5513 Bittern Avenue		Residence 5581A Cormorant Avenue	
				Field Sample ID:	A3-TW-0017454-24092-N	A3-TW-0017454-24092-N-H	A3-TW-0017454-24092-N-R1	A3-TW-0017454-24092-N-1	A3-TW-0017454-24092-N-2	A3-TW-0016964-24092-N	A3-TW-0016964-24092-N-H	A3-TW-0016213-24092-N
				Sample Date:	2024-07-24	2024-07-24	2024-07-31	2024-07-31	2024-07-31	2024-07-24	2024-07-24	2024-07-24
				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
	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	--	ND
	Chloroform	--	--	ND	--	--	--	--	--	ND	--	ND
	Dibromochloromethane	--	--	ND	--	--	--	--	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	--	--	--	--	--	ND	--	ND
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-Methylanthracene	--	--	ND	--	--	--	--	--	--	--	--
	2-Methylnaphthalene	--	--	ND	--	--	--	--	--	--	--	--

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				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	2-Methylphenanthrene	--	--	ND	--	--	--	--	--	--	--	--
	2-Methylpyrene	--	--	ND	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--	

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				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C1-Decalins	--	--	ND	--	--	--	--	--	--	--	--
	C1-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--	--
	C1-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--	--
	C1-Fluorene	--	--	ND	--	--	--	--	--	--	--	--
	C1-Naphthalene	--	--	ND	--	--	--	--	--	--	--	--
	C1-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C1-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--	--
	C2-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C2-Chrysene	--	--	ND	--	--	--	--	--	--	--	--
	C2-Decalins	--	--	ND	--	--	--	--	--	--	--	--
	C2-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--	--
	C2-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--	--
	C2-Fluorene	--	--	ND	--	--	--	--	--	--	--	--
	C2-Naphthalene	--	--	ND	--	--	--	--	--	--	--	--
	C2-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C2-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--	--
	C3-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C3-Chrysene	--	--	ND	--	--	--	--	--	--	--	--
	C3-Decalins	--	--	ND	--	--	--	--	--	--	--	--
	C3-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--	--
C3-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--	--	
C3-Fluorene	--	--	ND	--	--	--	--	--	--	--	--	

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				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C3-Naphthalene	--	--	ND	--	--	--	--	--	--	--	--
	C3-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C3-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--	--
	C4-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C4-Chrysene	--	--	ND	--	--	--	--	--	--	--	--
	C4-Decalins	--	--	ND	--	--	--	--	--	--	--	--
	C4-Dibenzothiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C4-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--	--
	C4-Naphthalene	--	--	ND	--	--	--	--	--	--	--	--
	C4-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--	--
	C4-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--	--
	Carbazole	--	--	ND	--	--	--	--	--	--	--	--
	Chrysene+Triphenylene Total	--	--	ND	--	--	--	--	--	--	--	--
	cis+trans-Decahydronaphthalene Total	--	--	ND	--	--	--	--	--	--	--	--
	Dibenz(a,c)+(a,h)anthracene Total	--	--	ND	--	--	--	--	--	--	--	--
	Dibenzofuran	--	--	ND	--	--	--	--	--	--	--	--
	Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--	--
	Fluoranthene	--	--	ND	--	--	--	--	--	--	--	--
	Fluorene	--	--	ND	--	--	--	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	--	--	--	--
Methylpyrene	--	--	ND	--	--	--	--	--	--	--	--	
Naphthalene	--	--	ND	--	--	--	--	--	--	--	--	

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				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	Perylene	--	--	ND	--	--	--	--	--	--	--	--	
	Phenanthrene	--	--	ND	--	--	--	--	--	--	--	--	
	Pyrene	--	--	ND	--	--	--	--	--	--	--	--	
PIANO Volatile Organic Compounds (ppb)	1,1,4-Trimethylcyclohexane	--	--	ND	--	--	--	--	--	--	--	--	
	1,1-Dimethyl cyclopentane	--	--	ND	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	--	

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PIANO Volatile Organic Compounds (ppb)	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	--	--	--	--	--	--
	2,2,3-Trimethylpentane	--	--	ND	--	--	--	--	--	--
	2,2,4-Trimethylpentane	--	--	ND	--	--	--	--	--	--
	2,2-Dimethyl hexane	--	--	ND	--	--	--	--	--	--
	2,2-Dimethylbutane	--	--	ND	--	--	--	--	--	--
	2,2-Dimethylpentane	--	--	ND	--	--	--	--	--	--
	2,3,3-Trimethylpentane	--	--	ND	--	--	--	--	--	--
	2,3,4-Trimethylpentane	--	--	ND	--	--	--	--	--	--
	2,3-Dihydro-1H-indene	--	--	ND	--	--	--	--	--	--
	2,3-Dimethyl hexane	--	--	ND	--	--	--	--	--	--
	2,3-Dimethylbutane	--	--	ND	--	--	--	--	--	--
	2,3-Dimethylethylheptane	--	--	ND	--	--	--	--	--	--
	2,3-Dimethylpentane	--	--	ND	--	--	--	--	--	--
	2,4-Dimethylhexane	--	--	ND	--	--	--	--	--	--
	2,4-Dimethylpentane	--	--	ND	--	--	--	--	--	--
	2,5-Dimethylheptane	--	--	ND	--	--	--	--	--	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-105S6620 Residence 6620 105th Street					A3-BITT5513 Residence 5513 Bittern Avenue		A3-CORM5581A Residence 5581A Cormorant Avenue
				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
PIANO Volatile Organic Compounds (ppb)	2,5-Dimethylhexane	--	--	ND	--	--	--	--	--	--	--
	2-Ethyl-1,3-dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	2-ethyl-1,4-Dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	2-Ethylthiophene	--	--	ND	--	--	--	--	--	--	--
	2-Ethyltoluene	--	--	ND	--	--	--	--	--	--	--
	2-Methyl butane	--	--	ND	--	--	--	--	--	--	--
	2-Methyl hexane	--	--	ND	--	--	--	--	--	--	--
	2-Methyl-1,3-butadiene (Isoprene)	--	--	ND	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-105S6620 Residence 6620 105th Street					A3-BITT5513 Residence 5513 Bittern Avenue		A3-CORM5581A Residence 5581A Cormorant Avenue																		
				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:																
				A3-TW-0017454-24092-N	2024-07-24	N (Normal)	A3-TW-0017454-24092-N-H	2024-07-24	N (Normal)	A3-TW-0017454-24092-N-R1	2024-07-31	N (Normal)	A3-TW-0017454-24092-N-1	2024-07-31	N (Normal)	A3-TW-0017454-24092-N-2	2024-07-31	N (Normal)	A3-TW-0016964-24092-N	2024-07-24	N (Normal)	A3-TW-0016964-24092-N-H	2024-07-24	N (Normal)	A3-TW-0016213-24092-N	2024-07-24	N (Normal)		
PIANO Volatile Organic Compounds (ppb)	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-105S6620 Residence 6620 105th Street					A3-BITT5513 Residence 5513 Bittern Avenue		A3-CORM5581A Residence 5581A Cormorant Avenue	
				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
PIANO Volatile Organic Compounds (ppb)	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	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone A3

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 A3

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				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
PIANO Volatile Organic Compounds (ppb)	Methylcyclopentane	--	--	ND	--	--	--	--	--	--	--
	Methylethylcyclohexane	--	--	ND	--	--	--	--	--	--	--
	Naphthalene	--	--	ND	--	--	--	--	--	--	--
	n-Butylbenzene	--	--	ND	--	--	--	--	--	--	--
	n-Decane	--	--	ND	--	--	--	--	--	--	--
	n-Dodecane	--	--	ND	--	--	--	--	--	--	--
	n-Heptane	--	--	ND	--	--	--	--	--	--	--
	n-Hexane	--	--	0.455	--	--	--	--	--	--	--
	n-Nonane	--	--	ND	--	--	--	--	--	--	--
	n-Octane	--	--	ND	--	--	--	--	--	--	--
	n-Pentane	--	--	ND	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	

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Zone A3

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-105S6620					Location ID: A3-BITT5513		Location ID: A3-CORM5581A	
				Residence 6620 105th Street					Residence 5513 Bittern Avenue		Residence 5581A Cormorant Avenue	
				Field Sample ID:	A3-TW-0017454-24092-N	A3-TW-0017454-24092-N-H	A3-TW-0017454-24092-N-R1	A3-TW-0017454-24092-N-1	A3-TW-0017454-24092-N-2	A3-TW-0016964-24092-N	A3-TW-0016964-24092-N-H	A3-TW-0016213-24092-N
				Sample Date:	2024-07-24	2024-07-24	2024-07-31	2024-07-31	2024-07-31	2024-07-24	2024-07-24	2024-07-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
PIANO Volatile Organic Compounds (ppb)	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	--	--	--	--	--	--	--	--
	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	--	--	--	--	--	--	--	--

Summary of Chemistry Results

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				Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
Saturated Hydrocarbons (ppb)	Henicosane	--	--	ND	--	--	--	--	--	--	--
	Hentriacontane	--	--	ND	--	--	--	--	--	--	--
	Heptacosane	--	--	1.00	--	--	--	--	--	--	--
	Heptadecane	--	--	ND	--	--	--	--	--	--	--
	Heptatriacontane	--	--	ND	--	--	--	--	--	--	--
	Hexatriacontane	--	--	ND	--	--	--	--	--	--	--
	n-Decane	--	--	ND	--	--	--	--	--	--	--
	n-Docosane	--	--	ND	--	--	--	--	--	--	--
	n-Dodecane	--	--	ND	--	--	--	--	--	--	--
	n-Eicosane	--	--	ND	--	--	--	--	--	--	--
	n-Hexacosane	--	--	1.00	--	--	--	--	--	--	--
	n-Hexadecane	--	--	ND	--	--	--	--	--	--	--
	n-Nonane	--	--	ND	--	--	--	--	--	--	--
	n-Octacosane	--	--	ND	--	--	--	--	--	--	--
	n-Octadecane	--	--	ND	--	--	--	--	--	--	--
	Nonacosane	--	--	ND	--	--	--	--	--	--	--
	Nonadecane	--	--	ND	--	--	--	--	--	--	--
	Nonatriacontane	--	--	ND	--	--	--	--	--	--	--
	n-Tetracosane	--	--	0.400	--	--	--	--	--	--	--
	n-Tetradecane	--	--	ND	--	--	--	--	--	--	--
	n-Triacontane	--	--	0.300	--	--	--	--	--	--	--
	n-Tridecane	--	--	ND	--	--	--	--	--	--	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID: A3-105S6620			A3-BITT5513			A3-CORM5581A		
		Location Type: Residence			Residence			Residence		
		Address: 6620 105th Street			5513 Bittern Avenue			5581A Cormorant Avenue		
		Field Sample ID:	A3-TW-0017454-24092-N	A3-TW-0017454-24092-N-H	A3-TW-0017454-24092-N-R1	A3-TW-0017454-24092-N-1	A3-TW-0017454-24092-N-2	A3-TW-0016964-24092-N	A3-TW-0016964-24092-N-H	A3-TW-0016213-24092-N
		Sample Date:	2024-07-24	2024-07-24	2024-07-31	2024-07-31	2024-07-31	2024-07-24	2024-07-24	2024-07-24
		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							
Saturated Hydrocarbons (ppb)	n-Undecane	--	--	ND	--	--	--	--	--	--
	Octatriacontane	--	--	ND	--	--	--	--	--	--
	Pentacosane	--	--	ND	--	--	--	--	--	--
	Pentadecane	--	--	ND	--	--	--	--	--	--
	Pentatriacontane	--	--	ND	--	--	--	--	--	--
	Petroleum Hydrocarbons C9-C44	--	--	57.0	--	--	--	--	--	--
	Tetracontane	--	--	ND	--	--	--	--	--	--
	Tetratriacontane	--	--	ND	--	--	--	--	--	--
	Total Saturated Hydrocarbons	--	--	2.00	--	--	--	--	--	--
	Tricosane	--	--	0.200	--	--	--	--	--	--
	Tritriacontane	--	--	ND	--	--	--	--	--	--

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

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

Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-CORM5581A	A3-EDGE5327	A3-EDGE5397		A3-EEHA4852B		A3-EEKA4757A	
				Location Type:	Residence	Residence	Residence		Residence		Residence	
				Address:	5581A Cormorant Avenue	5327 Edgewater Drive	5397 Edgewater Drive		4852B East Eha Way		4757A East Ekahi Way	
				Field Sample ID:	A3-TW-0016213-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0012518-24092-N	A3-TW-0012518-24092-N-H	A3-TW-0016462-24092-N	A3-TW-0016462-24092-N-H	A3-TW-0017283-24092-N	A3-TW-0017283-24092-N-H
				Sample Date:	2024-07-24	2024-07-02	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23
				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	--	
	E. coli	--	--	--	Absent	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	2.00	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	780	490	120	410	760	520	990	
Field Test (pH)	pH	--	--	7.78	7.29	7.35	7.31	7.22	7.07	7.30	7.36	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.240	0.260	0.240	0.270	0.250	0.260	
Field Test (degrees Celcius)	Temperature	--	--	53.1	26.6	28.8	47.2	26.0	49.9	25.1	31.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.290	0.00	0.00	0.480	0.230	0.280	0.0550	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	57500	--	57100	--	57700	--	
	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	--	--	15.9	--	5.80	--	3.50	--	
	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	--	0.0160	--	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-CORM5581A	A3-EDGE5327	A3-EDGE5397		A3-EEHA4852B		A3-EEKA4757A	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					5581A Cormorant Avenue	5327 Edgewater Drive	5397 Edgewater Drive		4852B East Eha Way		4757A East Ekahi Way	
					A3-TW-0016213-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0012518-24092-N	A3-TW-0012518-24092-N-H	A3-TW-0016462-24092-N	A3-TW-0016462-24092-N-H	A3-TW-0017283-24092-N	A3-TW-0017283-24092-N-H
					2024-07-24	2024-07-02	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23
					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	--
	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	--	0.340	--	ND	--
	Chloroform	--	--	--	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	--	--	ND	--	0.260	--	ND	--
	Total Trihalomethanes	80	MCL	--	--	--	ND	--	0.600	--	ND	--

Summary of Chemistry Results

Zone A3

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 A3

		Location ID:		A3-FULM5822B		A3-FULM5856B		A3-FULM5857		A3-FULM5864	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		5822B Fulmar Avenue		5856B Fulmar Avenue		5857 Fulmar Avenue		5864 Fulmar Avenue	
		Field Sample ID:		A3-TW-0016365-24092-N	A3-TW-0016365-24092-N-H	A3-TW-0017304-24092-N	A3-TW-0017304-24092-N-H	A3-TW-0017305-24092-N	A3-TW-0017305-24092-N-H	A3-TW-0017308-24092-N	A3-TW-0017308-24092-N-H
		Sample Date:		2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-07-23	2024-07-23
		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	71.0
Field Test (ppb)	Free Chlorine	4000	MCL	790	330	430	110	670	530	1660	1170
Field Test (pH)	pH	--	--	7.24	7.36	7.28	7.34	7.17	7.14	7.29	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.270	0.270	0.250	0.270	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	28.9	50.8	25.6	45.2	28.9	56.0	28.9	45.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.570	0.340	0.00	0.00	0.270	0.300	0.450	0.360
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59300	--	56800	--	57000	--	58300	--
	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	14.2	--	22.0	--	19.5	--	29.8	--
	Lead	15	MCL	0.220	--	0.290	--	0.180	--	0.310	--
	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID: A3-FULM5822B		A3-FULM5856B		A3-FULM5857		A3-FULM5864	
		Residence		Residence		Residence		Residence	
		Address: 5822B Fulmar Avenue		5856B Fulmar Avenue		5857 Fulmar Avenue		5864 Fulmar Avenue	
		Field Sample ID: A3-TW-0016365-24092-N	A3-TW-0016365-24092-N-H	A3-TW-0017304-24092-N	A3-TW-0017304-24092-N-H	A3-TW-0017305-24092-N	A3-TW-0017305-24092-N-H	A3-TW-0017308-24092-N	A3-TW-0017308-24092-N-H
		Sample Date: 2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-07-23	2024-07-23
		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	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone A3

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

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Parts per Thousand (ppth)
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:	A3-GANN6003A		A3-HERO6135B		A3-HERO6164	A3-HERO6167A		A3-HERO6168	
		Location Type:	Residence		Residence		Residence	Residence		Residence	
		Address:	6003A Gannet Avenue		6135B Heron Avenue		6164 Heron Avenue	6167A Heron Avenue		6168 Heron Avenue	
		Field Sample ID:	A3-TW-0017084-24092-N	A3-TW-0017084-24092-N-H	A3-TW-0016569-24092-N	A3-TW-0016569-24092-N-H	A3-TW-0016590-24092-N-WQI-R1	A3-TW-0016591-24092-N	A3-TW-0016591-24092-N-H	A3-TW-0016593-24092-3-N	
		Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-09	2024-07-23	2024-07-23	2024-07-23	
		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								
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	--	--	4.00	ND	6.00	ND	30.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	180	530	210	480	430	340	--
Field Test (pH)	pH	--	--	7.26	7.31	7.21	7.44	7.28	7.29	7.34	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.240	0.260	0.250	0.260	0.280	--
Field Test (degrees Celcius)	Temperature	--	--	26.9	49.0	27.1	42.1	24.4	28.6	43.4	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	2.51	0.720	0.940	0.00	0.460	0.460	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	--	57800	--	--	57600	--	54300
	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	26.3	--	26.1	--	--	17.1	--	12.1
	Lead	15	MCL	0.160	--	0.180	--	--	0.200	--	0.170
	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	--	0.0160	--	--	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:	A3-GANN6003A		A3-HERO6135B		A3-HERO6164	A3-HERO6167A		A3-HERO6168	
		Location Type:	Residence		Residence		Residence	Residence		Residence	
		Address:	6003A Gannet Avenue		6135B Heron Avenue		6164 Heron Avenue	6167A Heron Avenue		6168 Heron Avenue	
		Field Sample ID:	A3-TW-0017084-24092-N	A3-TW-0017084-24092-N-H	A3-TW-0016569-24092-N	A3-TW-0016569-24092-N-H	A3-TW-0016590-24092-N-WQI-R1	A3-TW-0016591-24092-N	A3-TW-0016591-24092-N-H	A3-TW-0016593-24092-3-N	
		Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-09	2024-07-23	2024-07-23	2024-07-23	
		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 A3

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:		A3-HERO6168			A3-HERO6169B		A3-IBIS6181		A3-IBIS6184B
		Location Type:		Residence			Residence		Residence		Residence
		Address:		6168 Heron Avenue			6169B Heron Avenue		6181 Ibis Avenue		6184B Ibis Avenue
		Field Sample ID:	A3-TW-0016593-24092-N	A3-TW-0016593-24092-N-H	A3-TW-0016593-24092-3-N-H	A3-TW-0016595-24092-N	A3-TW-0016595-24092-N-H	A3-TW-0012548-24092-N	A3-TW-0012548-24092-N-H	A3-TW-0016887-24092-3-N	
		Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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	520	220	--	540	160	520	390	--
Field Test (pH)	pH	--	--	7.28	7.37	--	7.07	7.53	7.17	7.35	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	--	0.250	0.260	0.240	0.260	--
Field Test (degrees Celcius)	Temperature	--	--	24.9	49.6	--	26.7	43.6	26.2	44.2	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	1.83	--	0.00	0.330	0.570	0.990	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57300	--	--	58300	--	56800	--	59100
	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	11.7	--	--	58.8	--	7.00	--	31.8
	Lead	15	MCL	0.170	--	--	0.320	--	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:
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ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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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 Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HERO6168			A3-HERO6169B		A3-IBIS6181		A3-IBIS6184B	
				Location ID:	Location Type:	Address:	Residence		Residence		Residence	Residence
				6168 Heron Avenue			6169B Heron Avenue		6181 Ibis Avenue		6184B Ibis Avenue	
				Field Sample ID:	A3-TW-0016593-24092-N	A3-TW-0016593-24092-N-H	A3-TW-0016593-24092-3-N-H	A3-TW-0016595-24092-N	A3-TW-0016595-24092-N-H	A3-TW-0012548-24092-N	A3-TW-0012548-24092-N-H	A3-TW-0016887-24092-3-N
				Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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 A3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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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 July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-IBIS6184B			Location ID: A3-IBIS6258B			Location ID: A3-IBIS6265																				
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type																		
				Residence 6184B Ibis Avenue			Residence 6258B Ibis Avenue			Residence 6265 Ibis Avenue																				
				A3-TW-0016887-24092-N	2024-07-23	N (Normal)	A3-TW-0016887-24092-N-H	2024-07-23	N (Normal)	A3-TW-0016887-24092-3-N-H	2024-07-23	FD (Field Duplicate)	A3-TW-0017173-24092-N	2024-07-24	N (Normal)	A3-TW-0017173-24092-3-N	2024-07-24	FD (Field Duplicate)	A3-TW-0017173-24092-N-H	2024-07-24	N (Normal)	A3-TW-0017173-24092-3-N-H	2024-07-24	FD (Field Duplicate)	A3-TW-0017176-24092-N	2024-07-23	N (Normal)			
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--
	E. coli	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	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	350	320	--	670	--	--	460	--	--	530	--	--	530	--	--	530	--	--	530	--	--	530	--	--	530	--	--
Field Test (pH)	pH	--	--	7.11	7.38	--	7.26	--	--	7.27	--	--	7.14	--	--	7.14	--	--	7.14	--	--	7.14	--	--	7.14	--	--	7.14	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	--	0.290	--	--	0.290	--	--	0.240	--	--	0.240	--	--	0.240	--	--	0.240	--	--	0.240	--	--	0.240	--	--
Field Test (degrees Celcius)	Temperature	--	--	27.0	51.1	--	26.4	--	--	47.9	--	--	26.3	--	--	26.3	--	--	26.3	--	--	26.3	--	--	26.3	--	--	26.3	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00390	0.390	--	0.130	--	--	0.430	--	--	0.410	--	--	0.410	--	--	0.410	--	--	0.410	--	--	0.410	--	--	0.410	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55200	--	--	58400	--	--	58600	--	--	59000	--	--	59000	--	--	59000	--	--	59000	--	--	59000	--	--	59000	--	--
	Total Organic Carbon	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
Metals (ppb)	Copper	1300	MCL	16.4	--	--	13.5	--	--	11.7	--	--	7.10	--	--	7.10	--	--	7.10	--	--	7.10	--	--	7.10	--	--	7.10	--	--
	Lead	15	MCL	0.140	--	--	ND	--	--	ND	--	--	0.160	--	--	0.160	--	--	0.160	--	--	0.160	--	--	0.160	--	--	0.160	--	--
	Mercury	2	MCL	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	2-Methylnaphthalene	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--
	Naphthalene	--	--	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	--	--
	1,3,5-Trimethylbenzene	--	--	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
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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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-IBIS6184B			Location ID: A3-IBIS6258B			Location ID: A3-IBIS6265																				
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type																		
				Residence 6184B Ibis Avenue			Residence 6258B Ibis Avenue			Residence 6265 Ibis Avenue																				
				A3-TW-0016887-24092-N	2024-07-23	N (Normal)	A3-TW-0016887-24092-N-H	2024-07-23	N (Normal)	A3-TW-0016887-24092-3-N-H	2024-07-23	FD (Field Duplicate)	A3-TW-0017173-24092-N	2024-07-24	N (Normal)	A3-TW-0017173-24092-3-N	2024-07-24	FD (Field Duplicate)	A3-TW-0017173-24092-N-H	2024-07-24	N (Normal)	A3-TW-0017173-24092-3-N-H	2024-07-24	FD (Field Duplicate)	A3-TW-0017176-24092-N	2024-07-23	N (Normal)			
Volatile Organic Compounds (ppb)	Benzene	5	MCL	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	--	--
	m,p-Xylene	--	--	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	--	--
	Toluene	1000	MCL	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	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	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	--	--
	Chloroform	--	--	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	--	--
	Total Trihalomethanes	80	MCL	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6282A		A3-IBIS6300B		A3-IBIS6302A		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6265 Residence 6265 Ibis Avenue	A3-IBIS6282A Residence 6282A Ibis Avenue	A3-IBIS6282A Residence 6282A Ibis Avenue	A3-IBIS6300B Residence 6300B Ibis Avenue	A3-IBIS6300B Residence 6300B Ibis Avenue	A3-IBIS6302A Residence 6302A Ibis Avenue	A3-IBIS6302A Residence 6302A Ibis Avenue	A3-IBIS6302A Residence 6302A Ibis Avenue
				A3-TW-0017176-24092-N-H	A3-TW-0017185-24092-N	A3-TW-0017185-24092-N-H	A3-TW-0017197-24092-N	A3-TW-0017197-24092-N-H	A3-TW-0017198-24092-N	A3-TW-0017198-24092-3-N	A3-TW-0017198-24092-3-N-H
				2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
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	10.0	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	410	490	370	440	350	430	--	--
Field Test (pH)	pH	--	--	7.16	7.33	7.38	7.12	7.22	7.53	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.280	0.250	0.260	0.230	--	--
Field Test (degrees Celcius)	Temperature	--	--	46.2	26.0	46.1	29.4	44.5	28.9	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.540	0.340	0.360	0.360	0.120	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55600	--	57500	--	60000	57200	--
	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	--	10.8	--	37.4	--	20.3	20.4	--
	Lead	15	MCL	--	ND	--	0.220	--	0.160	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	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	ND	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6282A		A3-IBIS6300B		A3-IBIS6302A		
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6265	A3-IBIS6282A		A3-IBIS6300B		A3-IBIS6302A		
				Residence	Residence		Residence		Residence		
				6265 Ibis Avenue	6282A Ibis Avenue		6300B Ibis Avenue		6302A Ibis Avenue		
				A3-TW-0017176-24092-N-H	A3-TW-0017185-24092-N	A3-TW-0017185-24092-N-H	A3-TW-0017197-24092-N	A3-TW-0017197-24092-N-H	A3-TW-0017198-24092-N	A3-TW-0017198-24092-3-N	A3-TW-0017198-24092-3-N-H
				2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
				--	ND	--	ND	--	ND	ND	--
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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6302A	A3-IBIS6302B		A3-IBIS6316A		A3-IBIS6328A		A3-IBIS6329B	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	6302A Ibis Avenue	6302B Ibis Avenue		6316A Ibis Avenue		6328A Ibis Avenue		6329B Ibis Avenue	
		Field Sample ID:	A3-TW-0017198-24092-N-H	A3-TW-0017199-24092-N	A3-TW-0017199-24092-N-H	A3-TW-0016147-24092-N	A3-TW-0016147-24092-N-H	A3-TW-0016155-24092-N	A3-TW-0016155-24092-N-H	A3-TW-0017235-24092-N	
		Sample Date:	2024-07-23	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	
		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	ND	ND	2.00	ND	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	200	510	210	650	490	690	220	320
Field Test (pH)	pH	--	--	7.53	7.37	7.26	7.23	7.30	7.34	7.34	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.270	0.250	0.270	0.260	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	49.3	30.9	45.4	26.6	46.3	25.3	39.3	28.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.000420	0.00	0.00	0.380	0.100	0.300	0.530
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58500	--	60700	--	57700	--	57500
	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	--	30.6	--	29.2	--	16.7	--	50.4
	Lead	15	MCL	--	0.280	--	0.230	--	0.170	--	0.300
	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:
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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6302B		A3-IBIS6316A		A3-IBIS6328A		A3-IBIS6329B												
				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-IBIS6302A Residence 6302A Ibis Avenue	A3-TW-0017199-24092-N	2024-07-23	N (Normal)	A3-IBIS6302B Residence 6302B Ibis Avenue	A3-TW-0017199-24092-N	2024-07-24	N (Normal)	A3-IBIS6316A Residence 6316A Ibis Avenue	A3-TW-0016147-24092-N	2024-07-24	N (Normal)	A3-IBIS6328A Residence 6328A Ibis Avenue	A3-TW-0016155-24092-N	2024-07-24	N (Normal)	A3-IBIS6329B Residence 6329B Ibis Avenue	A3-TW-0017235-24092-N	2024-07-24	N (Normal)
Volatiles Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	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

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6373		A3-IROQ5032B		A3-IROQ5042B		A3-IROQ5044
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6329B Residence 6329B Ibis Avenue	A3-IBIS6373 Residence 6373 Ibis Avenue		A3-IROQ5032B Residence 5032B Iroquois Avenue		A3-IROQ5042B Residence 5042B Iroquois Avenue		A3-IROQ5044 Residence 5044 Iroquois Avenue
				A3-TW-0017235-24092-N-H	A3-TW-0016612-24092-N	A3-TW-0016612-24092-N-H	A3-TW-0017055-24092-N	A3-TW-0017055-24092-N-H	A3-TW-0017065-24092-N	A3-TW-0017065-24092-N-H	A3-TW-0017066-24092-N
				2024-07-24	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-23
				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	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	150	250	60.0	560	410	660	820	510
Field Test (pH)	pH	--	--	7.39	7.41	7.28	7.46	7.31	7.32	7.31	7.56
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260	0.250	0.270	0.250	0.270	0.230
Field Test (degrees Celcius)	Temperature	--	--	50.4	30.9	39.7	26.3	45.5	31.5	51.4	25.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.84	0.00	0.00	0.960	2.02	0.600	0.930	0.300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58000	--	55400	--	57400	--	57400
	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	--	13.7	--	12.0	--	8.30	--	7.00
	Lead	15	MCL	--	ND	--	ND	--	0.150	--	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

Summary of Chemistry Results

Zone A3

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

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6373		A3-IROQ5032B		A3-IROQ5042B		A3-IROQ5044
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6329B Residence 6329B Ibis Avenue	A3-IBIS6373 Residence 6373 Ibis Avenue		A3-IROQ5032B Residence 5032B Iroquois Avenue		A3-IROQ5042B Residence 5042B Iroquois Avenue		A3-IROQ5044 Residence 5044 Iroquois Avenue
				A3-TW-0017235-24092-N-H 2024-07-24 N (Normal)	A3-TW-0016612-24092-N 2024-07-23 N (Normal)	A3-TW-0016612-24092-N-H 2024-07-23 N (Normal)	A3-TW-0017055-24092-N 2024-07-24 N (Normal)	A3-TW-0017055-24092-N-H 2024-07-24 N (Normal)	A3-TW-0017065-24092-N 2024-07-24 N (Normal)	A3-TW-0017065-24092-N-H 2024-07-24 N (Normal)	A3-TW-0017066-24092-N 2024-07-23 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	--	--	--	0.520	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.340	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	0.860	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5060B			A3-IROQ5150				A3-IROQ5162
				Location Type:	Residence		Residence		Residence		Residence	
				Address:	5060B Iroquois Avenue			5150 Iroquois Avenue				5162 Iroquois Avenue
				Field Sample ID:	A3-TW-0017066-24092-N-H	A3-TW-0017208-24092-N	A3-TW-0017208-24092-N-H	A3-TW-0016279-24092-N	A3-TW-0016279-24092-3-N	A3-TW-0016279-24092-N-H	A3-TW-0016279-24092-3-N-H	A3-TW-0012572-24092-N
				Sample Date:	2024-07-23	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	--	--	8.00	ND	ND	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	480	580	160	500	--	430	--	740	
Field Test (pH)	pH	--	--	7.33	7.35	7.48	7.51	--	7.40	--	7.35	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.260	0.250	--	0.260	--	0.250	
Field Test (degrees Celcius)	Temperature	--	--	41.7	29.0	50.8	25.8	--	40.1	--	26.0	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.320	0.00	0.590	--	0.900	--	0.210	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57300	--	58800	56900	--	--	57400	
	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	--	14.7	--	10.4	10.4	--	--	15.9	
	Lead	15	MCL	--	0.240	--	0.140	0.140	--	--	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5060B		A3-IROQ5150				A3-IROQ5162
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IROQ5044 Residence 5044 Iroquois Avenue	A3-IROQ5060B Residence 5060B Iroquois Avenue		A3-IROQ5150 Residence 5150 Iroquois Avenue				A3-IROQ5162 Residence 5162 Iroquois Avenue
				A3-TW-0017066-24092-N-H	A3-TW-0017208-24092-N	A3-TW-0017208-24092-N-H	A3-TW-0016279-24092-N	A3-TW-0016279-24092-3-N	A3-TW-0016279-24092-N-H	A3-TW-0016279-24092-3-N-H	A3-TW-0012572-24092-N
				2024-07-23	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	--	--	--	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

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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5170		A3-IROQ5299B		A3-KELA4968B		A3-KELA4968D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IROQ5162 Residence 5162 Iroquois Avenue	A3-IROQ5170 Residence 5170 Iroquois Avenue		A3-IROQ5299B Residence 5299B Iroquois Avenue		A3-KELA4968B Residence 4968B Kela Place		A3-KELA4968D Residence 4968D Kela Place
				A3-TW-0012572-24092-N-H	A3-TW-0016285-24092-N	A3-TW-0016285-24092-N-H	A3-TW-0016488-24092-N	A3-TW-0016488-24092-N-H	A3-TW-0016895-24092-N	A3-TW-0016895-24092-N-H	A3-TW-0016897-24092-N
				2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24
				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	--	--	19.0	ND	ND	19.0	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	410	670	160	590	500	570	180	750
Field Test (pH)	pH	--	--	7.31	7.22	7.16	7.26	7.36	8.12	7.23	7.24
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.280	0.260	0.270	0.220	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	45.8	29.6	49.8	30.2	58.0	31.7	41.6	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.42	0.150	0.220	0.920	2.29	0.340	0.0550	0.300
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57400	--	57600	--	59200	--	56200
	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	--	13.7	--	7.20	--	13.8	--	10.3
	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

Summary of Chemistry Results

Zone A3

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

Notes:
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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 Residences in Zone A3

		Location ID:	A3-IROQ5162	A3-IROQ5170		A3-IROQ5299B		A3-KELA4968B		A3-KELA4968D	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5162 Iroquois Avenue	5170 Iroquois Avenue		5299B Iroquois Avenue		4968B Kela Place		4968D Kela Place	
		Field Sample ID:	A3-TW-0012572-24092-N-H	A3-TW-0016285-24092-N	A3-TW-0016285-24092-N-H	A3-TW-0016488-24092-N	A3-TW-0016488-24092-N-H	A3-TW-0016895-24092-N	A3-TW-0016895-24092-N-H	A3-TW-0016897-24092-N	
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	
		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
	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	--	0.310
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	0.310

Summary of Chemistry Results

Zone A3

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

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Parts per Million (ppm)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:	A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
		Field Sample ID:	A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
		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	4.00	ND	4.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	410	840	540	970	330	490	390
Field Test (pH)	pH	--	--	7.20	7.20	7.19	7.09	7.18	7.48	7.44
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.240	0.280	0.260	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	39.9	25.5	53.4	24.9	39.2	25.6	40.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.220	0.460	0.00	0.0880	0.00	0.540	0.740
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57200	--	55900	--	57200	--
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	145	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	245	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	390	--
Metals (ppb)	Copper	1300	MCL	--	8.00	--	4.10	--	8.00	--
	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	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Residence	Residence	Residence		Residence		Residence
				Address:	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
				Field Sample ID:	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
				Sample Date:	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				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	--	--
	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	--	0.270	--	--
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	0.570	--	--
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-Methylanthracene	--	--	--	--	--	--	--	ND	--	--
	2-Methylnaphthalene	--	--	--	--	--	--	--	ND	--	--
	2-Methylphenanthrene	--	--	--	--	--	--	--	ND	--	--
	2-Methylpyrene	--	--	--	--	--	--	--	ND	--	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Residence	Residence		Residence		Residence		Residence
				4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
				A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
				2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	--	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D																											
				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:																				
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C1-Fluorene	--	--	A3-KELA4968D	Residence	4968D Kela Place	A3-TW-0016897-24092-N-H	2024-07-24	N (Normal)	A3-MARI6024	Residence	6024 Marina Drive	A3-TW-0016853-24092-N	2024-07-24	N (Normal)	A3-MOKU4911A	Residence	4911A Mokupea Place	A3-TW-0016643-24092-N	2024-07-23	N (Normal)	A3-MOKU4917C	Residence	4917C Mokupea Place	A3-TW-0016716-24092-N	2024-07-23	N (Normal)	A3-MOKU4917D	Residence	4917D Mokupea Place	A3-TW-0016717-24092-N-H-WQI	2024-07-01	N (Normal)					
	C1-Naphthalene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--						
	C1-Naphthobenzothiophenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
	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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D Residence 4968D Kela Place	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
					2024-07-24	N (Normal)	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C4-Chrysene	--	--	--	--	--	--	--	ND	--	--
	C4-Decalins	--	--	--	--	--	--	--	ND	--	--
	C4-Dibenzothiophenes	--	--	--	--	--	--	--	ND	--	--
	C4-Fluoranthenes/Pyrenes	--	--	--	--	--	--	--	ND	--	--
	C4-Naphthalene	--	--	--	--	--	--	--	ND	--	--
	C4-Naphthobenzothiophenes	--	--	--	--	--	--	--	ND	--	--
	C4-Phenanthrene/Anthracene	--	--	--	--	--	--	--	ND	--	--
	Carbazole	--	--	--	--	--	--	--	ND	--	--
	Chrysene+Triphenylene Total	--	--	--	--	--	--	--	ND	--	--
	cis+trans-Decahydronaphthalene Total	--	--	--	--	--	--	--	ND	--	--
	Dibenz(a,c)+(a,h)anthracene Total	--	--	--	--	--	--	--	ND	--	--
	Dibenzofuran	--	--	--	--	--	--	--	ND	--	--
	Dibenzothiophene	--	--	--	--	--	--	--	ND	--	--
	Fluoranthene	--	--	--	--	--	--	--	ND	--	--
	Fluorene	--	--	--	--	--	--	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	ND	--	--
	Methylpyrene	--	--	--	--	--	--	--	ND	--	--
	Naphthalene	--	--	--	--	--	--	--	ND	--	--
	Perylene	--	--	--	--	--	--	--	ND	--	--
	Phenanthrene	--	--	--	--	--	--	--	ND	--	--
	Pyrene	--	--	--	--	--	--	--	ND	--	--
PIANO Volatile Organic Compounds (ppb)	1,1,4-Trimethylcyclohexane	--	--	--	--	--	--	--	ND	--	--
	1,1-Dimethyl cyclopentane	--	--	--	--	--	--	--	ND	--	--

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Residence	Residence		Residence		Residence		Residence
				4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
				A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
				2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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 A3

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 A3

		Location ID:	A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place	
		Field Sample ID:	A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI	
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01	
		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)	2,2,3-Trimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,2,4-Trimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,2-Dimethyl hexane	--	--	--	--	--	--	--	ND	--	--
	2,2-Dimethylbutane	--	--	--	--	--	--	--	ND	--	--
	2,2-Dimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,3,3-Trimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,3,4-Trimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,3-Dihydro-1H-indene	--	--	--	--	--	--	--	ND	--	--
	2,3-Dimethyl hexane	--	--	--	--	--	--	--	ND	--	--
	2,3-Dimethylbutane	--	--	--	--	--	--	--	ND	--	--
	2,3-Dimethylethylheptane	--	--	--	--	--	--	--	ND	--	--
	2,3-Dimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,4-Dimethylhexane	--	--	--	--	--	--	--	ND	--	--
	2,4-Dimethylpentane	--	--	--	--	--	--	--	ND	--	--
	2,5-Dimethylheptane	--	--	--	--	--	--	--	ND	--	--
	2,5-Dimethylhexane	--	--	--	--	--	--	--	ND	--	--
	2-Ethyl-1,3-dimethylbenzene	--	--	--	--	--	--	--	ND	--	--
	2-ethyl-1,4-Dimethylbenzene	--	--	--	--	--	--	--	ND	--	--
	2-Ethylthiophene	--	--	--	--	--	--	--	ND	--	--
	2-Ethyltoluene	--	--	--	--	--	--	--	ND	--	--
2-Methyl butane	--	--	--	--	--	--	--	ND	--	--	
2-Methyl hexane	--	--	--	--	--	--	--	ND	--	--	
2-Methyl-1,3-butadiene (Isoprene)	--	--	--	--	--	--	--	ND	--	--	

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D Residence 4968D Kela Place	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
					2024-07-24	N (Normal)	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
							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 A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Residence	Residence		Residence		Residence		Residence
				4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
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				2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	--	--

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					2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
					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	--	--	--	--	--	--	--	ND	--	--
	n-Nonane	--	--	--	--	--	--	--	ND	--	--
	n-Octane	--	--	--	--	--	--	--	ND	--	--
	n-Pentane	--	--	--	--	--	--	--	ND	--	--

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				4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
				A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
				2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	4.31	--	--
	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 A3

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

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
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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 A3

		Location ID:	A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
		Field Sample ID:	A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
		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 A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4968D	A3-MARI6024		A3-MOKU4911A		A3-MOKU4917C		A3-MOKU4917D
				Residence	Residence		Residence		Residence		Residence
				4968D Kela Place	6024 Marina Drive		4911A Mokupea Place		4917C Mokupea Place		4917D Mokupea Place
				A3-TW-0016897-24092-N-H	A3-TW-0016853-24092-N	A3-TW-0016853-24092-N-H	A3-TW-0016643-24092-N	A3-TW-0016643-24092-N-H	A3-TW-0016716-24092-N	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI
				2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-01
				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 A3

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

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Residences in Zone A3

		Location ID:		A3-MOKU4917D		A3-MOKU4918C		A3-MOKU4920D				A3-WEHA4836C
		Location Type:		Residence		Residence		Residence				Residence
		Address:		4917D Mokupea Place		4918C Mokupea Place		4920D Mokupea Place				4836C West Eha Way
		Field Sample ID:		A3-TW-0016717-24092-N-WQI		A3-TW-0016720-24092-N	A3-TW-0016720-24092-N-H	A3-TW-0016728-24092-N	A3-TW-0016728-24092-3-N	A3-TW-0016728-24092-N-H	A3-TW-0016728-24092-3-N-H	A3-TW-0016737-24092-N
		Sample Date:		2024-07-01		2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24
		Sample Type:		N (Normal)		N (Normal)	N (Normal)	N (Normal)	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	Absent	--	Absent	Absent	--	--	Absent	
	E. coli	--	--	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	530	710	730	720	--	760	--	740	
Field Test (pH)	pH	--	--	7.24	7.23	7.07	6.88	--	6.99	--	7.41	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.260	0.250	--	0.250	--	0.250	
Field Test (degrees Celcius)	Temperature	--	--	24.5	25.1	43.3	25.9	--	46.7	--	25.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.280	0.310	0.00	0.0350	--	0.220	--	0.180	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52900	56700	--	60000	57500	--	--	58500	
	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	3.00	3.70	--	4.90	4.90	--	--	6.40	
	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	
	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

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4918C			A3-MOKU4920D			A3-WEHA4836C	
				Location Type:	Residence		Residence			Residence		
				Address:	4918C Mokupea Place		4920D Mokupea Place			4836C West Eha Way		
				Field Sample ID:	A3-TW-0016717-24092-N-WQI	A3-TW-0016720-24092-N	A3-TW-0016720-24092-N-H	A3-TW-0016728-24092-N	A3-TW-0016728-24092-3-N	A3-TW-0016728-24092-N-H	A3-TW-0016728-24092-3-N-H	A3-TW-0016737-24092-N
				Sample Date:	2024-07-01	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	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	--	--	0.510	0.480	--	ND	ND	--	--	0.320	
	Chloroform	--	--	ND	ND	--	ND	ND	--	--	ND	
	Dibromochloromethane	--	--	0.350	0.350	--	ND	ND	--	--	0.300	
	Total Trihalomethanes	80	MCL	0.860	0.830	--	ND	ND	--	--	0.620	

Summary of Chemistry Results

Zone A3

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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEHA4839D		A3-WEKA4741B		A3-WEKA4743D		A3-WEKO4806D
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEHA4836C Residence 4836C West Eha Way	A3-WEHA4839D Residence 4839D West Eha Way		A3-WEKA4741B Residence 4741B West Ekahi Way		A3-WEKA4743D Residence 4743D West Ekahi Way		A3-WEKO4806D Residence 4806D West Ekolu Way
				A3-TW-0016737-24092-N-H	A3-TW-0016746-24092-N	A3-TW-0016746-24092-N-H	A3-TW-0016774-24092-N	A3-TW-0016774-24092-N-H	A3-TW-0016784-24092-N	A3-TW-0016784-24092-N-H	A3-TW-0016808-24092-N-R1
				2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-07-11
				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	--	--	2.00	4.00	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	90.0	470	510	480	510	660	340	390
Field Test (pH)	pH	--	--	7.41	7.18	7.05	7.17	6.92	7.31	7.30	7.13
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.250	0.240	0.260	0.250	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	32.0	26.7	37.0	25.3	42.0	25.3	39.8	25.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.620	0.0410	0.400	0.350	0.00	0.480	0.0490
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	59500	--	55200	--	58400	--	--
	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	--	5.10	--	5.10	--	6.50	--	--
	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	--	--

Summary of Chemistry Results

Zone A3

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 A3

		Location ID:	A3-WEHA4836C		A3-WEHA4839D		A3-WEKA4741B		A3-WEKA4743D		A3-WEKO4806D
		Location Type:	Residence		Residence		Residence		Residence		Residence
		Address:	4836C West Eha Way		4839D West Eha Way		4741B West Ekahi Way		4743D West Ekahi Way		4806D West Ekolu Way
		Field Sample ID:	A3-TW-0016737-24092-N-H	A3-TW-0016746-24092-N	A3-TW-0016746-24092-N-H	A3-TW-0016774-24092-N	A3-TW-0016774-24092-N-H	A3-TW-0016784-24092-N	A3-TW-0016784-24092-N-H	A3-TW-0016808-24092-N-R1	
		Sample Date:	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-07-11	
		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	--	ND	--	ND	--	--
	Bromoform	--	--	--	0.330	--	0.370	--	ND	--	--
	Chloroform	--	--	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	--	0.270	--	0.300	--	0.250	--	--
	Total Trihalomethanes	80	MCL	--	0.600	--	0.670	--	0.250	--	--

Summary of Chemistry Results

Zone A3

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

Notes:
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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 July 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEKO4807D		A3-WELU4770A		A3-WELU4773A	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: A3-WEKO4807D Location Type: Residence Address: 4807D West Ekolu Way		Location ID: A3-WELU4770A Location Type: Residence Address: 4770A West Elua Way		Location ID: A3-WELU4773A Location Type: Residence Address: 4773A West Elua Way	
				A3-TW-0016812-24092-N	2024-07-24	A3-TW-0016813-24092-N	2024-07-23	A3-TW-0016825-24092-N	2024-07-23
				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	--	--	8.00	2.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	670	330	170	110	500	360
Field Test (pH)	pH	--	--	7.36	7.39	7.22	7.22	7.42	7.42
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.240	0.260	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	25.9	39.5	27.8	48.8	26.8	51.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.760	0.550	0.00	0.00	0.440	2.73
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	--	55500	--	59700	--
	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	9.20	--	7.00	--	12.3	--
	Lead	15	MCL	0.140	--	ND	--	0.640	--
	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

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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 A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEKO4807D		A3-WELU4770A		A3-WELU4773A	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: A3-WEKO4807D Location Type: Residence Address: 4807D West Ekolu Way		Location ID: A3-WELU4770A Location Type: Residence Address: 4770A West Elua Way		Location ID: A3-WELU4773A Location Type: Residence Address: 4773A West Elua Way	
				A3-TW-0016812-24092-N	2024-07-24	A3-TW-0016813-24092-N	2024-07-23	A3-TW-0016825-24092-N	2024-07-23
				A3-TW-0016812-24092-N-H	2024-07-24	A3-TW-0016813-24092-N-H	2024-07-23	A3-TW-0016825-24092-N-H	2024-07-23
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
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	--	ND	--	ND	--
	Bromoform	--	--	0.360	--	0.370	--	0.340	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.320	--	0.300	--	0.270	--
	Total Trihalomethanes	80	MCL	0.680	--	0.670	--	0.610	--

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

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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 Schools in Zone A3

		Location ID:		A3-CORM5553						A3-IROQ5111	
		Location Type:		School						School	
		Address:		Iroquois Point Elementary, 5553 Cormorant Ave						Iroquois Point Pre-School, 5111 Iroquois Ave	
		Field Sample ID:		A3-TW-0012582-24183-N-3	A3-TW-0012582-24183-N-1	A3-TW-0012582-24183-N-4	A3-TW-0012582-24183-N-1-H	A3-TW-0012582-24183-N-2	A3-TW-0012582-24183-N-5	A3-TW-0012569-24183-N-1	A3-TW-0012569-24183-N-1-H
		Sample Date:		2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
		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	21.0
Field Test (ppb)	Free Chlorine	4000	MCL	350	370	120	50.0	960	960	460	140
Field Test (pH)	pH	--	--	7.25	7.37	7.17	7.53	7.21	7.21	7.33	8.95
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.240	0.280	0.250	0.250	0.260	0.290
Field Test (degrees Celcius)	Temperature	--	--	25.7	27.4	24.9	45.3	26.6	26.6	29.2	36.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.310	0.180	0.940	0.0790	0.260	0.260	0.330	0.0950
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	50300	52700	--	48500	52100	52200	--
	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	14.1	10.4	53.3	--	12.2	41.3	62.8	--
	Lead	15	MCL	0.130	0.150	0.190	--	ND	0.180	0.220	--
	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	0.0180	--
	Naphthalene	--	--	ND	ND	ND	--	ND	ND	ND	--

Summary of Chemistry Results

Zone A3

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 Schools in Zone A3

				A3-CORM5553						A3-IROQ5111	
				School						School	
				Iroquois Point Elementary, 5553 Cormorant Ave						Iroquois Point Pre-School, 5111 Iroquois Ave	
				A3-TW-0012582-24183-N-3	A3-TW-0012582-24183-N-1	A3-TW-0012582-24183-N-4	A3-TW-0012582-24183-N-1-H	A3-TW-0012582-24183-N-2	A3-TW-0012582-24183-N-5	A3-TW-0012569-24183-N-1	A3-TW-0012569-24183-N-1-H
				2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
				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	--
	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	0.500	ND	--	ND	0.320	ND	--
	Chloroform	--	--	ND	ND	ND	--	ND	ND	ND	--
	Dibromochloromethane	--	--	ND	0.320	ND	--	ND	ND	ND	--
	Total Trihalomethanes	80	MCL	ND	0.820	ND	--	ND	0.320	ND	--

Summary of Chemistry Results

Zone A3

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 Schools in Zone A3

		Location ID: A3-IROQ5111								
		Location Type: School								
		Address: Iroquois Point Pre-School, 5111 Iroquois Ave								
		Field Sample ID:		A3-TW-0012569-24183-N-3	A3-TW-0012569-24183-N-3-H	A3-TW-0012569-24183-N-4	A3-TW-0012569-24183-N-4-H	A3-TW-0012569-24183-N-5	A3-TW-0012569-24183-N-2	A3-TW-0012569-24183-N-2-H
		Sample Date:		2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
		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							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	299	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	50.0	120	30.0	70.0	400	380	120
Field Test (pH)	pH	--	--	7.09	8.95	7.28	9.00	7.43	7.49	8.58
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.300	0.210	0.290	0.250	0.260	0.290
Field Test (degrees Celcius)	Temperature	--	--	29.1	41.4	29.0	40.9	28.0	28.6	37.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.370	0.400	0.800	0.450	0.110	0.130
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51000	--	51900	--	52000	50600	--
	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	82.6	--	67.3	--	26.5	45.7	--
	Lead	15	MCL	0.380	--	0.250	--	0.330	0.270	--
	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	--

Summary of Chemistry Results

Zone A3

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Drinking Water Samples Collected in July 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-0012569-24183-N-3	A3-TW-0012569-24183-N-3-H	A3-TW-0012569-24183-N-4	A3-TW-0012569-24183-N-4-H	A3-TW-0012569-24183-N-5	A3-TW-0012569-24183-N-2	A3-TW-0012569-24183-N-2-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	--
	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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A3

		Location ID:	A3-HYD0343	A3-HYD0378	A3-HYD0556	A3-HYD0560	A3-HYD0665	A3-HYD1084	A3-HYD1426	A3-HYD1743
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH 11	SA-JFH 75	SA-JFH 38	SA-JFH 39	SA-JFH 70	FH 12	FH ID: SA-LFH 2	A3-SA-JFH-44
		Field Sample ID:	A3-DL-0018372-24092 -N	A3-DL-0018371-24092 -N	A3-DL-0018374-24092 -N-WQI	A3-DL-0018375-24092 -N-WQI	A3-DL-0018370-24092 -N	A3-DL-0018373-24092 -N	A3-DL-0000504-24183 -N	A3-DL-0017762-24183 -N
		Sample Date:	2024-07-11	2024-07-02	2024-07-09	2024-07-09	2024-07-02	2024-07-11	2024-07-29	2024-07-29
		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	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	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	370	400	420	470	420	300	630
Field Test (pH)	pH	--	--	7.14	--	7.25	7.26	--	7.15	7.13
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	--	0.250	0.250	--	0.250	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.9	--	25.6	24.6	--	25.1	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.280	--	0.390	0.170	--	0.0170	1.27
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	--	--	58900	56500
	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
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	--	--	--	ND	ND
	2-Methylnaphthalene	--	--	--	--	--	--	--	ND	ND
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	--	ND	ND
	Naphthalene	--	--	--	--	--	--	--	ND	ND
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

Summary of Chemistry Results

Zone A3

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

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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 A3

		Location ID:	A3-HYD0343	A3-HYD0378	A3-HYD0556	A3-HYD0560	A3-HYD0665	A3-HYD1084	A3-HYD1426	A3-HYD1743
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH 11	SA-JFH 75	SA-JFH 38	SA-JFH 39	SA-JFH 70	FH 12	FH ID: SA-LFH 2	A3-SA-JFH-44
		Field Sample ID:	A3-DL-0018372-24092 -N	A3-DL-0018371-24092 -N	A3-DL-0018374-24092 -N-WQI	A3-DL-0018375-24092 -N-WQI	A3-DL-0018370-24092 -N	A3-DL-0018373-24092 -N	A3-DL-0000504-24183 -N	A3-DL-0017762-24183 -N
		Sample Date:	2024-07-11	2024-07-02	2024-07-09	2024-07-09	2024-07-02	2024-07-11	2024-07-29	2024-07-29
		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)	o-Xylene	--	--	--	--	--	--	--	ND	ND
	Toluene	1000	MCL	--	--	--	--	--	ND	ND
	Xylenes, Total	10000	MCL	--	--	--	--	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	--	--	ND	ND
	Bromoform	--	--	--	--	--	--	--	0.630	ND
	Chloroform	--	--	--	--	--	--	--	ND	ND
	Dibromochloromethane	--	--	--	--	--	--	--	0.530	0.250
	Total Trihalomethanes	80	MCL	--	--	--	--	--	1.16	0.250

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
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A3

		Location ID:	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809	A3-HYD908	A3-HYD920
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28	SA-JFH-72	SA-JFH-7
		Field Sample ID:	A3-DL-0017763-24183 -N	A3-DL-0017764-24183 -N	A3-DL-0017765-24183 -N	A3-DL-0017766-24183 -N	A3-DL-0017767-24183 -N	A3-DL-0017768-24183 -N
		Sample Date:	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29
		Sample Type:	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	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	460	610	660	630	680
Field Test (pH)	pH	--	--	7.27	6.96	7.00	7.06	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.240	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	31.9	28.0	25.5	25.3	25.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.53	1.69	0.770	0.310	1.37
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58700	59800	58000	59400	60800
	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
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	0.0190
	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
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A3

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

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Drinking Water Samples Collected in July 2024 from Hydrants in Zone A3

		Location ID:	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809	A3-HYD908	A3-HYD920
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28	SA-JFH-72	SA-JFH-7
		Field Sample ID:	A3-DL-0017763-24183 -N	A3-DL-0017764-24183 -N	A3-DL-0017765-24183 -N	A3-DL-0017766-24183 -N	A3-DL-0017767-24183 -N	A3-DL-0017768-24183 -N
		Sample Date:	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29
		Sample Type:	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)	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	--	--	1.20	ND	ND	ND	ND
	Bromoform	--	--	4.00	ND	ND	ND	ND
	Chloroform	--	--	0.370	ND	ND	ND	ND
	Dibromochloromethane	--	--	3.40	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	8.97	ND	ND	ND	ND