

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
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MPN/mL = Most probable number per milliliter

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

		Location ID: A3-105S6620			A3-108S6738B			A3-ALBA5486		
		Residence			Residence			Residence		
		6620 105th Street			6738B 108th Street			5486 Albatross Avenue		
		Field Sample ID:	A3-TW-0017454-24092-N	A3-TW-0017454-24092-N-H	A3-TW-0017454-24092-N-1	A3-TW-0017454-24092-N-2	A3-TW-0017454-24092-N-R1	A3-TW-0016185-24092-N	A3-TW-0016185-24092-N-H	A3-TW-0012578-24092-N
		Sample Date:	2024-07-24	2024-07-24	2024-07-31	2024-07-31	2024-07-31	2024-09-11	2024-09-11	2024-08-14
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	Absent	--	Absent
	E. coli	--	--	Absent	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	4.00	--	--	68.0	300	25.0
Field Test (ppb)	Free Chlorine	4000	MCL	640	220	500	780	730	330	350
Field Test (pH)	pH	--	--	7.36	7.38	7.29	7.27	7.23	7.23	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.240	0.250	0.270	0.270
Field Test (degrees Celcius)	Temperature	--	--	30.3	46.1	27.3	26.9	27.4	33.7	38.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.530	0.460	0.390	0.430	0.290	1.01	0.910
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58500	--	--	--	--	56800	--
	Total Organic Carbon	--	--	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)	--	--	156	--	ND	ND	ND	ND	--
	Petroleum Hydrocarbons, Total	--	--	156	--	ND	ND	ND	ND	--
Metals (ppb)	Copper	1300	MCL	25.7	--	--	--	--	21.4	--
	Lead	15	MCL	0.370	--	--	--	--	0.190	--
	Mercury	2	MCL	ND	--	--	--	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	--	--	--	ND	--
	Acenaphthylene	--	--	--	--	--	--	--	ND	--
	Anthracene	--	--	--	--	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	ND	--

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		A3-105S6620 Residence 6620 105th Street					A3-108S6738B Residence 6738B 108th Street		A3-ALBA5486 Residence 5486 Albatross Avenue
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
		A3-TW-0017454-24092-N	A3-TW-0017454-24092-N-H	A3-TW-0017454-24092-N-1	A3-TW-0017454-24092-N-2	A3-TW-0017454-24092-N-R1	A3-TW-0016185-24092-N	A3-TW-0016185-24092-N-H	A3-TW-0012578-24092-N
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
		2024-07-24	2024-07-24	2024-07-31	2024-07-31	2024-07-31	2024-09-11	2024-09-11	2024-08-14
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	ND	--	ND
	Chrysene	--	--	--	--	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	ND	--	ND
	Fluorene	--	--	--	--	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	ND	--	ND
	Naphthalene	--	--	ND	--	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	ND	--	ND
	Pyrene	--	--	--	--	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	--	ND	--	ND
	Benzene	5	MCL	ND	--	--	ND	--	ND
	Cumene	--	--	--	--	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	ND	--	ND
	n-Propylbenzene	--	--	--	--	--	ND	--	ND
	o-Xylene	--	--	ND	--	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	ND	--	ND
	tert-Butylbenzene	--	--	--	--	--	ND	--	ND
Toluene	1000	MCL	ND	--	--	ND	--	ND	

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-105S6620 Residence 6620 105th Street					A3-108S6738B Residence 6738B 108th Street		A3-ALBA5486 Residence 5486 Albatross 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:															
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	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-1	2024-07-31	N (Normal)	A3-TW-0017454-24092-N-2	2024-07-31	N (Normal)	A3-TW-0017454-24092-N-R1	2024-07-31	N (Normal)	A3-TW-0016185-24092-N	2024-09-11	N (Normal)	A3-TW-0016185-24092-N-H	2024-09-11	N (Normal)	A3-TW-0012578-24092-N	2024-08-14	N (Normal)	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND
	Bromoform	--	--	ND	--	--	ND	--	--	0.310	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND
	Chloroform	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND
	Dibromochloromethane	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND
	Total Trihalomethanes	80	MCL	ND	--	--	ND	--	--	0.310	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-BITT5513		A3-BITT5526		A3-CORM5560		A3-CORM5581A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-ALBA5486 Residence 5486 Albatross Avenue	5513 Bittern Avenue		5526 Bittern Avenue		5560 Cormorant Avenue		5581A Cormorant Avenue
				A3-TW-0012578-24092-N-H	A3-TW-0016964-24092-N	A3-TW-0016964-24092-N-H	A3-TW-0016191-24092-N	A3-TW-0016191-24092-N-H	A3-TW-0012583-24092-N	A3-TW-0012583-24092-N-H	A3-TW-0016213-24092-N
				2024-08-14	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-09-11	2024-09-11	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	--	--	34.0	45.0	ND	5.00	ND	5.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	260	660	50.0	580	90.0	970	420	670
Field Test (pH)	pH	--	--	7.55	7.38	7.30	7.22	7.31	7.27	7.31	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.240	0.250	0.270	0.290	0.280	0.300	0.250
Field Test (degrees Celcius)	Temperature	--	--	39.5	27.4	55.6	26.2	46.2	30.8	42.7	25.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.590	0.770	0.570	0.0840	0.00	1.22	1.97	0.100
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57500	--	57900	--	56700	--	58200
	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	--	10.4	--	36.0	--	13.1
	Lead	15	MCL	--	0.200	--	ND	--	0.350	--	0.190
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	ND	--	ND	--	--
	Anthracene	--	--	--	--	--	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND

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		Location ID:	A3-ALBA5486	A3-BITT5513		A3-BITT5526		A3-CORM5560		A3-CORM5581A
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	5486 Albatross Avenue	5513 Bittern Avenue		5526 Bittern Avenue		5560 Cormorant Avenue		5581A Cormorant Avenue
		Field Sample ID:	A3-TW-0012578-24092-N-H	A3-TW-0016964-24092-N	A3-TW-0016964-24092-N-H	A3-TW-0016191-24092-N	A3-TW-0016191-24092-N-H	A3-TW-0012583-24092-N	A3-TW-0012583-24092-N-H	A3-TW-0016213-24092-N
		Sample Date:	2024-08-14	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-09-11	2024-09-11	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							
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	--	--	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	--	ND	--	ND	--
	Chrysene	--	--	--	--	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	--	ND	--	ND	--
	Fluorene	--	--	--	--	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	ND	--	ND	--
	Naphthalene	--	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	--	ND	--	ND	--
	Pyrene	--	--	--	--	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	--	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	ND	--	ND	--
	tert-Butylbenzene	--	--	--	--	--	ND	--	ND	--
Toluene	1000	MCL	--	ND	--	ND	--	ND	--	

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		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	5486 Albatross Avenue	5513 Bittern Avenue		5526 Bittern Avenue		5560 Cormorant Avenue		5581A Cormorant Avenue
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		Sample Date:	2024-08-14	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-09-11	2024-09-11	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)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	ND
	Bromoform	--	--	--	ND	--	0.350	--	ND	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	--	0.290	--	ND	ND
	Total Trihalomethanes	80	MCL	--	ND	--	0.640	--	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5609		A3-DOVE5625		A3-DOVE5642		A3-DOVE5685
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-CORM5581A Residence 5581A Cormorant Avenue	5609 Dovekie Avenue		5625 Dovekie Avenue		5642 Dovekie Avenue		5685 Dovekie Avenue
				A3-TW-0016213-24092-N-H	A3-TW-0016238-24092-N	A3-TW-0016238-24092-N-H	A3-TW-0016288-24092-N	A3-TW-0016288-24092-N-H	A3-TW-0016296-24092-N	A3-TW-0016296-24092-N-H	A3-TW-0016451-24092-N
				2024-07-24	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-15	2024-08-15	2024-08-15
				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	300	ND	87.0	ND	5.00	ND	38.0
Field Test (ppb)	Free Chlorine	4000	MCL	30.0	540	270	630	840	880	510	550
Field Test (pH)	pH	--	--	7.78	7.23	7.29	7.22	7.30	7.22	7.16	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.280	0.250	0.270	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	53.1	33.6	61.6	30.4	44.3	25.8	43.0	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	1.08	2.82	0.670	1.18	0.00	0.0350	0.250
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58300	--	57300	--	54900	--	54900
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	24.9	--	21.0	--	11.2	--	29.8
	Lead	15	MCL	--	0.250	--	0.130	--	0.490	--	0.360
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	ND	--	ND	--	ND	--	ND
	Anthracene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5609		A3-DOVE5625		A3-DOVE5642		A3-DOVE5685
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-CORM5581A Residence 5581A Cormorant Avenue	5609 Dovekie Avenue		5625 Dovekie Avenue		5642 Dovekie Avenue		5685 Dovekie Avenue
				A3-TW-0016213-24092-N-H	A3-TW-0016238-24092-N	A3-TW-0016238-24092-N-H	A3-TW-0016288-24092-N	A3-TW-0016288-24092-N-H	A3-TW-0016296-24092-N	A3-TW-0016296-24092-N-H	A3-TW-0016451-24092-N
				2024-07-24	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-15	2024-08-15	2024-08-15
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(g,h,i)perylene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	ND	--	ND	--	ND	--	ND
	Chrysene	--	--	--	ND	--	ND	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	--	ND	--	ND	--	ND	--	ND
	Fluorene	--	--	--	ND	--	ND	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	ND	--	ND	--	ND	--	ND
	Pyrene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Propylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5609		A3-DOVE5625		A3-DOVE5642		A3-DOVE5685
				Location Type:	Residence		Residence		Residence		Residence
				Address:	5609 Dovekie Avenue		5625 Dovekie Avenue		5642 Dovekie Avenue		5685 Dovekie Avenue
				Field Sample ID:	A3-TW-0016238-24092-N	A3-TW-0016238-24092-N	A3-TW-0016288-24092-N	A3-TW-0016288-24092-N	A3-TW-0016296-24092-N	A3-TW-0016296-24092-N	A3-TW-0016451-24092-N
				Sample Date:	2024-07-24	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-15	2024-08-15
				Sample Type:	N (Normal)						
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	0.310	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	0.310	--	ND	--	ND

Summary of Chemistry Results

Zone A3

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

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

		Location ID:	A3-DOVE5685	A3-EDGE5327	A3-EDGE5350		A3-EDGE5397		A3-EDGE5438		
		Location Type:	Residence	Residence	Residence		Residence		Residence		
		Address:	5685 Dovekie Avenue	5327 Edgewater Drive	5350 Edgewater Drive		5397 Edgewater Drive		5438 Edgewater Drive		
		Field Sample ID:	A3-TW-0016451-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0016323-24092-N	A3-TW-0016323-24092-N-H	A3-TW-0012518-24092-N	A3-TW-0012518-24092-N-H	A3-TW-0017311-24092-N	A3-TW-0017311-24092-N-H	
		Sample Date:	2024-08-15	2024-07-02	2024-09-11	2024-09-11	2024-07-24	2024-07-24	2024-08-14	2024-08-14	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	Absent	--	Absent	--	Present	--
	E. coli	--	--	--	Absent	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	276	ND	2.00	ND	ND	ND	300	300
Field Test (ppb)	Free Chlorine	4000	MCL	120	780	500	350	490	120	530	660
Field Test (pH)	pH	--	--	7.67	7.29	7.32	7.50	7.35	7.31	7.28	7.48
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.260	0.270	0.310	0.240	0.260	0.270	0.280
Field Test (degrees Celcius)	Temperature	--	--	48.6	26.6	27.8	50.0	28.8	47.2	29.8	39.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.290	0.820	1.16	0.00	0.00	0.480	0.600
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	57700	--	57500	--	62000	--
	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	--	--	23.5	--	15.9	--	12.1	--
	Lead	15	MCL	--	--	0.300	--	ND	--	0.250	--
	Mercury	2	MCL	--	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	--	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	ND	--	--	--	ND	--
	Anthracene	--	--	--	--	ND	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-DOVE5685	A3-EDGE5327	A3-EDGE5350		A3-EDGE5397		A3-EDGE5438		
		Location Type:	Residence	Residence	Residence		Residence		Residence		
		Address:	5685 Dovekie Avenue	5327 Edgewater Drive	5350 Edgewater Drive		5397 Edgewater Drive		5438 Edgewater Drive		
		Field Sample ID:	A3-TW-0016451-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0016323-24092-N	A3-TW-0016323-24092-N-H	A3-TW-0012518-24092-N	A3-TW-0012518-24092-N-H	A3-TW-0017311-24092-N	A3-TW-0017311-24092-N-H	
		Sample Date:	2024-08-15	2024-07-02	2024-09-11	2024-09-11	2024-07-24	2024-07-24	2024-08-14	2024-08-14	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	--	--	ND	--
	Chrysene	--	--	--	--	ND	--	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	--	--	ND	--
	Fluorene	--	--	--	--	ND	--	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	--	--	ND	--
	Naphthalene	--	--	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	--	ND	--	--	--	ND	--
	Pyrene	--	--	--	--	ND	--	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	--	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	ND	--	--	--	ND	--
	Ethylbenzene	700	MCL	--	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	ND	--	--	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--	--	--	ND	--
	o-Xylene	--	--	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	ND	--	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	ND	--	--	--	ND	--
Toluene	1000	MCL	--	--	ND	--	ND	--	ND	--	
Xylenes, Total	10000	MCL	--	--	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-DOVE5685	A3-EDGE5327	A3-EDGE5350		A3-EDGE5397		A3-EDGE5438	
				Location Type:	Residence	Residence	Residence		Residence		Residence	
				Address:	5685 Dovekie Avenue	5327 Edgewater Drive	5350 Edgewater Drive		5397 Edgewater Drive		5438 Edgewater Drive	
				Field Sample ID:	A3-TW-0016451-24092-N-H	A3-TW-0016313-24092-N-R1	A3-TW-0016323-24092-N	A3-TW-0016323-24092-N-H	A3-TW-0012518-24092-N	A3-TW-0012518-24092-N-H	A3-TW-0017311-24092-N	A3-TW-0017311-24092-N-H
				Sample Date:	2024-08-15	2024-07-02	2024-09-11	2024-09-11	2024-07-24	2024-07-24	2024-08-14	2024-08-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	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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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		Location ID:		A3-EEHA4852B		A3-EEHA4857A		A3-EEKA4756B		A3-EEKA4757A	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		4852B East Eha Way		4857A East Eha Way		4756B East Ekahi Way		4757A East Ekahi Way	
		Field Sample ID:		A3-TW-0016462-24092-N	A3-TW-0016462-24092-N-H	A3-TW-0017349-24092-N	A3-TW-0017349-24092-N-H	A3-TW-0017280-24092-N	A3-TW-0017280-24092-N-H	A3-TW-0017283-24092-N	A3-TW-0017283-24092-N-H
		Sample Date:		2024-07-23	2024-07-23	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-07-23	2024-07-23
		Sample Type:		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	4.00	6.00	5.00	6.00	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	410	760	460	420	560	490	520	990
Field Test (pH)	pH	--	--	7.22	7.07	7.25	7.33	7.26	7.39	7.30	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.270	0.290	0.250	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.0	49.9	27.4	40.9	25.8	36.0	25.1	31.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.480	0.230	0.820	0.150	0.0800	0.400	0.280	0.0550
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57100	--	54900	--	52700	--	57700	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	5.80	--	12.9	--	7.50	--	3.50	--
	Lead	15	MCL	ND	--	0.150	--	0.130	--	ND	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	ND	--	ND	--	--	--
	Anthracene	--	--	--	--	ND	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	0.0160	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID: A3-EEHA4852B		A3-EEHA4857A		A3-EEKA4756B		A3-EEKA4757A		
		Residence		Residence		Residence		Residence		
		4852B East Eha Way		4857A East Eha Way		4756B East Ekahi Way		4757A East Ekahi Way		
		A3-TW-0016462-24092-N	A3-TW-0016462-24092-N-H	A3-TW-0017349-24092-N	A3-TW-0017349-24092-N-H	A3-TW-0017280-24092-N	A3-TW-0017280-24092-N-H	A3-TW-0017283-24092-N	A3-TW-0017283-24092-N-H	
		2024-07-23	2024-07-23	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-07-23	2024-07-23	
		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							
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	--
	Chrysene	--	--	--	--	ND	--	ND	--	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	--	--
	Fluorene	--	--	--	--	ND	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	ND	--	ND	--	--
	Pyrene	--	--	--	--	ND	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	ND	--	ND	--	--
	n-Propylbenzene	--	--	--	--	ND	--	ND	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	ND	--	ND	--	--
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	--

Summary of Chemistry Results

Zone A3

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

		Location ID: A3-EEHA4852B		A3-EEHA4857A		A3-EEKA4756B		A3-EEKA4757A			
		Residence		Residence		Residence		Residence			
		4852B East Eha Way		4857A East Eha Way		4756B East Ekahi Way		4757A East Ekahi Way			
		Field Sample ID:	A3-TW-0016462-24092-N	A3-TW-0016462-24092-N-H	A3-TW-0017349-24092-N	A3-TW-0017349-24092-N-H	A3-TW-0017280-24092-N	A3-TW-0017280-24092-N-H	A3-TW-0017283-24092-N	A3-TW-0017283-24092-N-H	
		Sample Date:	2024-07-23	2024-07-23	2024-08-15	2024-08-15	2024-08-15	2024-08-15	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								
Trihalomethanes (ppb)	Bromoform	--	--	0.340	--	0.440	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.260	--	0.360	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.600	--	0.800	--	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
-- = 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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-EEKO4819A		A3-EEKO4820C		A3-EELU4786B		A3-ELIM4873D													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	7.00	ND	29.0	130	1.00	85.0	76.0	41.0												
Field Test (ppb)	Free Chlorine	4000	MCL	330	240	540	360	530	50.0	580	430												
Field Test (pH)	pH	--	--	7.43	7.39	7.38	7.29	7.14	7.02	7.43	7.39												
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.300	0.240	0.260	0.250	0.270												
Field Test (degrees Celcius)	Temperature	--	--	26.7	46.2	26.2	45.1	25.6	41.6	24.8	44.5												
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.570	0.00	0.600	1.23	0.170	0.0160	0.930	0.890												
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58100	--	52800	--	59000	--	55000	--												
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--												
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--												
Metals (ppb)	Copper	1300	MCL	29.4	--	5.90	--	9.60	--	6.30	--												
	Lead	15	MCL	0.260	--	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	--												
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--												
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzo(a)pyrene	0.2	MCL	ND	--	0.0170	--	0.0140	--	0.0150	--												
	Benzo(b)fluoranthene	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-EEKO4819A		A3-EEKO4820C		A3-EELU4786B		A3-ELIM4873D		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	4819A East Ekolu Way		4820C East Ekolu Way		4786B East Elua Way		4873D Elima Way		
		Field Sample ID:	A3-TW-0017287-24092-N	A3-TW-0017287-24092-N-H	A3-TW-0017291-24092-N	A3-TW-0017291-24092-N-H	A3-TW-0016984-24092-N	A3-TW-0016984-24092-N-H	A3-TW-0012468-24092-N	A3-TW-0012468-24092-N-H	
		Sample Date:	2024-08-14	2024-08-14	2024-08-16	2024-08-16	2024-08-07	2024-08-07	2024-08-16	2024-08-16	
		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								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	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	--

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 - September 2024 from Residences in Zone A3

		Location ID: A3-EEKO4819A		A3-EEKO4820C		A3-EELU4786B		A3-ELIM4873D			
		Residence		Residence		Residence		Residence			
		Address: 4819A East Ekolu Way		4820C East Ekolu Way		4786B East Elua Way		4873D Elima Way			
		Field Sample ID: A3-TW-0017287-24092-N	A3-TW-0017287-24092-N-H	A3-TW-0017291-24092-N	A3-TW-0017291-24092-N-H	A3-TW-0016984-24092-N	A3-TW-0016984-24092-N-H	A3-TW-0012468-24092-N	A3-TW-0012468-24092-N-H		
		Sample Date: 2024-08-14	2024-08-14	2024-08-16	2024-08-16	2024-08-07	2024-08-07	2024-08-16	2024-08-16		
		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								
Trihalomethanes (ppb)	Bromoform	--	--	0.540	--	0.320	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.420	--	ND	--	ND	--	0.270	--
	Total Trihalomethanes	80	MCL	0.960	--	0.320	--	ND	--	0.270	--

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 - September 2024 from Residences in Zone A3

		Location ID:		A3-ELIM4875B		A3-ELIM4875C		A3-ELIM4876A		A3-ELIM4876B	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		4875B Elima Way		4875C Elima Way		4876A Elima Way		4876B Elima Way	
		Field Sample ID:		A3-TW-0017321-24092-N	A3-TW-0017321-24092-N-H	A3-TW-0017322-24092-N	A3-TW-0017322-24092-N-H	A3-TW-0017324-24092-N	A3-TW-0017324-24092-N-H	A3-TW-0017325-24092-N	A3-TW-0017325-24092-N-H
		Sample Date:		2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-08-15	2024-08-15
		Sample Type:		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	--	--	18.0	20.0	6.00	ND	9.00	25.0	13.0	5.00
Field Test (ppb)	Free Chlorine	4000	MCL	550	450	550	390	540	490	550	470
Field Test (pH)	pH	--	--	7.22	7.30	7.32	7.32	7.19	7.11	7.19	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.280	0.290	0.240	0.260	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.6	40.7	24.8	46.2	25.9	42.7	26.8	39.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.800	0.440	0.700	0.670	0.160	0.00	0.470	0.480
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54300	--	58400	--	53700	--	55900	--
	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	8.50	--	3.60	--	5.50	--	16.9	--
	Lead	15	MCL	ND	--	ND	--	ND	--	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	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-ELIM4875B		A3-ELIM4875C		A3-ELIM4876A		A3-ELIM4876B													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--												
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--												
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--												
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--												
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--												
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--												
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--												
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--												
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--												
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--												
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	tert-Butylbenzene	--	--	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	--												

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-ELIM4875B		A3-ELIM4875C		A3-ELIM4876A		A3-ELIM4876B	
				Residence	Residence	Residence	Residence	Residence	Residence		
				4875B Elima Way		4875C Elima Way		4876A Elima Way		4876B Elima Way	
				A3-TW-0017321-24092-N	A3-TW-0017321-24092-N-H	A3-TW-0017322-24092-N	A3-TW-0017322-24092-N-H	A3-TW-0017324-24092-N	A3-TW-0017324-24092-N-H	A3-TW-0017325-24092-N	A3-TW-0017325-24092-N-H
				2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-08-15	2024-08-15
				N (Normal)	N (Normal)						
Trihalomethanes (ppb)	Bromoform	--	--	0.390	--	0.370	--	0.300	--	0.440	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.350	--	0.310	--	0.270	--	0.370	--
	Total Trihalomethanes	80	MCL	0.740	--	0.680	--	0.570	--	0.810	--

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 - September 2024 from Residences in Zone A3

		Location ID:		A3-ELIM4879B		A3-EONO4935A		A3-ERNE5744		A3-ERNE5789	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		4879B Elima Way		4935A Eono Way		5744 Erne Avenue		5789 Erne Avenue	
		Field Sample ID:		A3-TW-0017335-24092-N	A3-TW-0017335-24092-N-H	A3-TW-0016873-24092-N	A3-TW-0016873-24092-N-H	A3-TW-0012546-24092-N	A3-TW-0012546-24092-N-H	A3-TW-0017024-24092-N	A3-TW-0017024-24092-N-H
		Sample Date:		2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-08-15	2024-08-15
		Sample Type:		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	--	--	6.00	20.0	15.0	5.00	5.00	ND	6.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	510	490	610	810	400	470	260
Field Test (pH)	pH	--	--	7.31	7.24	7.27	7.26	6.89	7.35	7.26	7.39
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.290	0.270	0.270	0.260	0.270	0.290	0.300
Field Test (degrees Celcius)	Temperature	--	--	23.4	37.6	25.6	39.3	25.9	44.3	32.4	42.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.420	0.00570	0.860	0.0970	0.00	0.0990	0.890	1.05
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	--	55400	--	53500	--	56500	--
	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	7.30	--	8.90	--	13.3	--	21.5	--
	Lead	15	MCL	ND	--	ND	--	0.130	--	0.240	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	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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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 - September 2024 from Residences in Zone A3

		Location ID: A3-ELIM4879B		A3-EONO4935A		A3-ERNE5744		A3-ERNE5789	
		Residence		Residence		Residence		Residence	
		4879B Elima Way		4935A Eono Way		5744 Erne Avenue		5789 Erne Avenue	
		A3-TW-0017335-24092-N	A3-TW-0017335-24092-N-H	A3-TW-0016873-24092-N	A3-TW-0016873-24092-N-H	A3-TW-0012546-24092-N	A3-TW-0012546-24092-N-H	A3-TW-0017024-24092-N	A3-TW-0017024-24092-N-H
		2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-08-15	2024-08-15
		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						
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	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 - September 2024 from Residences in Zone A3

		Location ID: A3-ELIM4879B		A3-EONO4935A		A3-ERNE5744		A3-ERNE5789			
		Residence		Residence		Residence		Residence			
		Address: 4879B Elima Way		4935A Eono Way		5744 Erne Avenue		5789 Erne Avenue			
		Field Sample ID: A3-TW-0017335-24092-N	A3-TW-0017335-24092-N-H	A3-TW-0016873-24092-N	A3-TW-0016873-24092-N-H	A3-TW-0012546-24092-N	A3-TW-0012546-24092-N-H	A3-TW-0017024-24092-N	A3-TW-0017024-24092-N-H		
		Sample Date: 2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-08-15	2024-08-15		
		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								
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	0.350	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.250	--	0.280	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.250	--	0.630	--	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 - September 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)						
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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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 - September 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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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		A3-GANN5914B				A3-GANN5952		A3-GANN5971A			
		Residence				Residence		Residence			
		5914B Gannet Avenue				5952 Gannet Avenue		5971A Gannet Avenue			
		A3-TW-0016539-24092-N	A3-TW-0016539-24092-N-H	A3-TW-0016539-24092-3-N	A3-TW-0016539-24092-3-N-H	A3-TW-0016561-24092-N	A3-TW-0016561-24092-N-H	A3-TW-0017070-24092-N	A3-TW-0017070-24092-N-H		
		2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-16	2024-08-16	2024-09-11	2024-09-11		
		N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	--	--	21.0	ND	20.0	ND	10.0	8.00	88.0	300
Field Test (ppb)	Free Chlorine	4000	MCL	520	500	--	--	630	370	510	600
Field Test (pH)	pH	--	--	7.16	7.20	--	--	7.30	7.31	7.14	7.07
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	--	--	0.250	0.260	0.270	0.280
Field Test (degrees Celcius)	Temperature	--	--	28.4	47.0	--	--	25.9	39.9	31.7	40.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.490	--	--	0.500	1.06	1.92	1.52
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55700	--	56700	--	54600	--	58000	--
	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	22.4	--	21.9	--	15.4	--	16.7	--
	Lead	15	MCL	0.130	--	0.140	--	0.160	--	0.200	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	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 - September 2024 from Residences in Zone A3

		A3-GANN5914B				A3-GANN5952		A3-GANN5971A	
		Residence				Residence		Residence	
		5914B Gannet Avenue				5952 Gannet Avenue		5971A Gannet Avenue	
		A3-TW-0016539-24092-N	A3-TW-0016539-24092-N-H	A3-TW-0016539-24092-3-N	A3-TW-0016539-24092-3-N-H	A3-TW-0016561-24092-N	A3-TW-0016561-24092-N-H	A3-TW-0017070-24092-N	A3-TW-0017070-24092-N-H
		2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-16	2024-08-16	2024-09-11	2024-09-11
		N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--
	Chrysene	--	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--
	Fluorene	--	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--
Toluene	1000	MCL	ND	--	ND	--	ND	--	
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	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 - September 2024 from Residences in Zone A3

		A3-GANN5914B Residence 5914B Gannet Avenue				A3-GANN5952 Residence 5952 Gannet Avenue		A3-GANN5971A Residence 5971A Gannet Avenue	
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
		A3-TW-0016539-24092-N	A3-TW-0016539-24092-N-H	A3-TW-0016539-24092-3-N	A3-TW-0016539-24092-3-N-H	A3-TW-0016561-24092-N	A3-TW-0016561-24092-N-H	A3-TW-0017070-24092-N	A3-TW-0017070-24092-N-H
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
		2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-16	2024-08-16	2024-09-11	2024-09-11
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
		N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Trihalomethanes (ppb)	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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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		Location ID:		A3-GANN6003A		A3-HERO6087A		A3-HERO6099		A3-HERO6129A	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		6003A Gannet Avenue		6087A Heron Avenue		6099 Heron Avenue		6129A Heron Avenue	
		Field Sample ID:		A3-TW-0017084-24092-N	A3-TW-0017084-24092-N-H	A3-TW-0016250-24092-N	A3-TW-0016250-24092-N-H	A3-TW-0017138-24092-N-H-WQI	A3-TW-0017138-24092-N-WQI	A3-TW-0017150-24092-N	A3-TW-0017150-24092-N-H
		Sample Date:		2024-07-23	2024-07-23	2024-08-14	2024-08-14	2024-07-03	2024-07-03	2024-08-15	2024-08-15
		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	--	--	4.00	ND	300	300	4.00	ND	150	14.0
Field Test (ppb)	Free Chlorine	4000	MCL	530	180	420	440	310	480	490	660
Field Test (pH)	pH	--	--	7.26	7.31	7.13	7.27	7.11	7.01	7.04	7.06
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.260	0.290	0.270	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.9	49.0	28.5	40.3	39.1	27.3	27.0	43.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	2.51	0.630	0.800	0.400	0.340	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57200	--	60400	--	--	52400	56300	--
	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	--	48.1	--	--	21.1	28.2	--
	Lead	15	MCL	0.160	--	0.280	--	--	0.370	1.60	--
	Mercury	2	MCL	ND	--	ND	--	--	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	--	ND	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	--	ND	ND	--
	Acenaphthylene	--	--	--	--	ND	--	--	--	ND	--
	Anthracene	--	--	--	--	ND	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	--	ND	ND	--
	Benzo(b)fluoranthene	--	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-GANN6003A		A3-HERO6087A		A3-HERO6099		A3-HERO6129A	
		Location Type:	Residence		Residence		Residence		Residence	
		Address:	6003A Gannet Avenue		6087A Heron Avenue		6099 Heron Avenue		6129A Heron Avenue	
		Field Sample ID:	A3-TW-0017084-24092-N	A3-TW-0017084-24092-N-H	A3-TW-0016250-24092-N	A3-TW-0016250-24092-N-H	A3-TW-0017138-24092-N-H-WQI	A3-TW-0017138-24092-N-WQI	A3-TW-0017150-24092-N	A3-TW-0017150-24092-N-H
		Sample Date:	2024-07-23	2024-07-23	2024-08-14	2024-08-14	2024-07-03	2024-07-03	2024-08-15	2024-08-15
		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							
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	--	ND	--
	Chrysene	--	--	--	--	ND	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	--	ND	--
	Fluorene	--	--	--	--	ND	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	ND	--
	Phenanthrene	--	--	--	--	ND	--	--	ND	--
	Pyrene	--	--	--	--	ND	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	ND	--
	Cumene	--	--	--	--	ND	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	--
	n-Butylbenzene	--	--	--	--	ND	--	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	ND	--
	sec-Butylbenzene	--	--	--	--	ND	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	ND	--	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	--
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	0.260	--	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 - September 2024 from Residences in Zone A3

		Location ID: A3-GANN6003A		A3-HERO6087A		A3-HERO6099		A3-HERO6129A			
		Residence		Residence		Residence		Residence			
		Address: 6003A Gannet Avenue		6087A Heron Avenue		6099 Heron Avenue		6129A Heron Avenue			
		Field Sample ID: A3-TW-0017084-24092-N	A3-TW-0017084-24092-N-H	A3-TW-0016250-24092-N	A3-TW-0016250-24092-N-H	A3-TW-0017138-24092-N-H-WQI	A3-TW-0017138-24092-N-WQI	A3-TW-0017150-24092-N	A3-TW-0017150-24092-N-H		
		Sample Date: 2024-07-23	2024-07-23	2024-08-14	2024-08-14	2024-07-03	2024-07-03	2024-08-15	2024-08-15		
		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								
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	1.30	--	--	ND	0.440	--
	Chloroform	--	--	ND	--	ND	--	--	ND	ND	--
	Dibromochloromethane	--	--	ND	--	0.890	--	--	ND	0.360	--
	Total Trihalomethanes	80	MCL	ND	--	2.45	--	--	ND	0.800	--

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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HERO6135B		A3-HERO6164	A3-HERO6167A		A3-HERO6168		
				Residence		Residence	Residence		Residence		
				6135B Heron Avenue		6164 Heron Avenue	6167A Heron Avenue		6168 Heron Avenue		
				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-N	A3-TW-0016593-24092-N-H	A3-TW-0016593-24092-3-N
				2024-07-23	2024-07-23	2024-07-09	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)	N (Normal)	FD (Field Duplicate)
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	--	--	6.00	ND	30.0	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	210	480	430	340	520	220	--
Field Test (pH)	pH	--	--	7.21	7.44	7.28	7.29	7.34	7.28	7.37	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.250	0.260	0.280	0.240	0.260	--
Field Test (degrees Celcius)	Temperature	--	--	27.1	42.1	24.4	28.6	43.4	24.9	49.6	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.720	0.940	0.00	0.460	0.460	0.350	1.83	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57800	--	--	57600	--	57300	--	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	26.1	--	--	17.1	--	11.7	--	12.1
	Lead	15	MCL	0.180	--	--	0.200	--	0.170	--	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	0.0160	--	--	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HERO6135B		A3-HERO6164	A3-HERO6167A		A3-HERO6168		
				Location ID:	Location Type:	Residence	Residence	Residence	Residence	Residence	Residence
				Address:		Address:		Address:		Address:	
				Field Sample ID:		Field Sample ID:		Field Sample ID:		Field Sample ID:	
				Sample Date:		Sample Date:		Sample Date:		Sample Date:	
				Sample Type:		Sample Type:		Sample Type:		Sample Type:	
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	--
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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HERO6169B		A3-IBIS6181		A3-IBIS6184B		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-HERO6168	A3-HERO6169B	A3-HERO6169B	A3-IBIS6181	A3-IBIS6181	A3-IBIS6184B	A3-IBIS6184B	A3-IBIS6184B
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				6168 Heron Avenue	6169B Heron Avenue	6169B Heron Avenue	6181 Ibis Avenue	6181 Ibis Avenue	6184B Ibis Avenue	6184B Ibis Avenue	6184B Ibis Avenue
				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-N	A3-TW-0016887-24092-N-H	A3-TW-0016887-24092-3-N
				2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	--	540	160	520	390	350	320	--
Field Test (pH)	pH	--	--	--	7.07	7.53	7.17	7.35	7.11	7.38	--
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.250	0.260	0.240	0.260	0.250	0.270	--
Field Test (degrees Celcius)	Temperature	--	--	--	26.7	43.6	26.2	44.2	27.0	51.1	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.00	0.330	0.570	0.990	0.00390	0.390	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58300	--	56800	--	55200	--	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	--	58.8	--	7.00	--	16.4	--	31.8
	Lead	15	MCL	--	0.320	--	ND	--	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
	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 - September 2024 from Residences in Zone A3

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

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6210A		A3-IBIS6224B		A3-IBIS6258A		A3-IBIS6258B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6184B Residence 6184B Ibis Avenue A3-TW-0016887-24092-3-N-H 2024-07-23 FD (Field Duplicate)	A3-IBIS6210A Residence 6210A Ibis Avenue A3-TW-0017114-24092-N 2024-09-12 N (Normal)	A3-IBIS6210A Residence 6210A Ibis Avenue A3-TW-0017114-24092-N-H 2024-09-12 N (Normal)	A3-IBIS6224B Residence 6224B Ibis Avenue A3-TW-0017122-24092-N 2024-09-11 N (Normal)	A3-IBIS6224B Residence 6224B Ibis Avenue A3-TW-0017122-24092-N-H 2024-09-11 N (Normal)	A3-IBIS6258A Residence 6258A Ibis Avenue A3-TW-0017172-24092-N 2024-08-15 N (Normal)	A3-IBIS6258A Residence 6258A Ibis Avenue A3-TW-0017172-24092-N-H 2024-08-15 N (Normal)	A3-IBIS6258B Residence 6258B Ibis Avenue A3-TW-0017173-24092-N 2024-07-24 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	4.00	ND	6.00	ND	7.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	--	410	320	820	200	540	430	670
Field Test (pH)	pH	--	--	--	7.29	7.33	7.19	7.37	7.25	7.32	7.26
Field Test (ms/cm)	Specific Conductivity	--	--	--	0.260	0.280	0.260	0.280	0.250	0.270	0.290
Field Test (degrees Celcius)	Temperature	--	--	--	27.0	48.6	25.3	43.9	25.9	49.9	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	--	0.200	0.910	0.340	1.04	1.49	0.360	0.130
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56800	--	57800	--	54500	--	58400
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	15.3	--	15.7	--	10.1	--	13.5
	Lead	15	MCL	--	0.290	--	0.190	--	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
	Acenaphthylene	--	--	--	ND	--	ND	--	ND	--	--
	Anthracene	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	ND	--	ND	--	ND	--	--

Summary of Chemistry Results

Zone A3

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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MPN/mL = Most probable number per milliliter

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6210A		A3-IBIS6224B		A3-IBIS6258A		A3-IBIS6258B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6184B Residence 6184B Ibis Avenue	A3-TW-0017114-24092-N	A3-TW-0017114-24092-N-H	A3-TW-0017122-24092-N	A3-TW-0017122-24092-N-H	A3-TW-0017172-24092-N	A3-TW-0017172-24092-N-H	A3-TW-0017173-24092-N
					2024-07-23	2024-09-12	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-07-24
					FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	ND	--	ND	--	ND	--	--
	Benzo(k)fluoranthene	--	--	--	ND	--	ND	--	ND	--	--
	Chrysene	--	--	--	ND	--	ND	--	ND	--	--
	Dibenz(a,h)anthracene	--	--	--	ND	--	ND	--	ND	--	--
	Fluorene	--	--	--	ND	--	ND	--	ND	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	ND	--	ND	--	--
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	ND	--	ND	--	ND	--	--
	Pyrene	--	--	--	ND	--	ND	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	ND	--	ND	--	ND	--	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	ND	--	ND	--	ND	--	--
	n-Propylbenzene	--	--	--	ND	--	ND	--	ND	--	--
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	ND	--	ND	--	ND	--	--
	tert-Butylbenzene	--	--	--	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

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6210A		A3-IBIS6224B		A3-IBIS6258A		A3-IBIS6258B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IBIS6184B Residence 6184B Ibis Avenue	6210A Ibis Avenue		6224B Ibis Avenue		6258A Ibis Avenue		6258B Ibis Avenue
				A3-TW-0016887-24092-3-N-H	A3-TW-0017114-24092-N	A3-TW-0017114-24092-N-H	A3-TW-0017122-24092-N	A3-TW-0017122-24092-N-H	A3-TW-0017172-24092-N	A3-TW-0017172-24092-N-H	A3-TW-0017173-24092-N
				2024-07-23	2024-09-12	2024-09-12	2024-09-11	2024-09-11	2024-08-15	2024-08-15	2024-07-24
				FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	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 - September 2024 from Residences in Zone A3

		Location ID:		A3-IBIS6258B			A3-IBIS6265		A3-IBIS6282A		A3-IBIS6300B
		Location Type:		Residence			Residence		Residence		Residence
		Address:		6258B Ibis Avenue			6265 Ibis Avenue		6282A Ibis Avenue		6300B Ibis Avenue
		Field Sample ID:	A3-TW-0017173-24092-N-H	A3-TW-0017173-24092-3-N	A3-TW-0017173-24092-3-N-H	A3-TW-0017176-24092-N	A3-TW-0017176-24092-N-H	A3-TW-0017185-24092-N	A3-TW-0017185-24092-N-H	A3-TW-0017197-24092-N	
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	
		Sample Type:	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	10.0	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	460	--	--	530	410	490	370	440
Field Test (pH)	pH	--	--	7.27	--	--	7.14	7.16	7.33	7.38	7.12
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	--	--	0.240	0.260	0.250	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	47.9	--	--	26.3	46.2	26.0	46.1	29.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.430	--	--	0.410	0.250	0.540	0.340	0.360
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58600	--	59000	--	55600	--	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	--	11.7	--	7.10	--	10.8	--	37.4
	Lead	15	MCL	--	ND	--	0.160	--	ND	--	0.220
	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-IBIS6258B Residence 6258B Ibis Avenue			A3-IBIS6265 Residence 6265 Ibis Avenue		A3-IBIS6282A Residence 6282A Ibis Avenue		A3-IBIS6300B Residence 6300B Ibis 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	Sample Date	Sample Type										
Volatile Organic Compounds (ppb)	Benzene	5	MCL	A3-TW-0017173-24092-N-H	2024-07-24	N (Normal)	A3-TW-0017173-24092-3-N	2024-07-24	FD (Field Duplicate)	A3-TW-0017173-24092-3-N-H	2024-07-24	FD (Field Duplicate)	ND	--	ND	--	ND	--	ND	--	ND				
	Ethylbenzene	700	MCL																						
	m,p-Xylene	--	--	--																					
	o-Xylene	--	--	--																					
	Toluene	1000	MCL	--																					
	Xylenes, Total	10000	MCL	--																					
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--																					
	Bromoform	--	--	--																					
	Chloroform	--	--	--																					
	Dibromochloromethane	--	--	--																					
	Total Trihalomethanes	80	MCL	--																					

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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6302A					A3-IBIS6302B		A3-IBIS6308B
				Location Type:	Residence					Residence		Residence
				Address:	6302A Ibis Avenue					6302B Ibis Avenue		6308B Ibis Avenue
				Field Sample ID:	A3-TW-0017197-24092-N-H	A3-TW-0017198-24092-N	A3-TW-0017198-24092-N-H	A3-TW-0017198-24092-3-N	A3-TW-0017198-24092-3-N-H	A3-TW-0017199-24092-N	A3-TW-0017199-24092-N-H	A3-TW-0016144-24092-N
				Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-09-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	16.0	
Field Test (ppb)	Free Chlorine	4000	MCL	350	430	200	--	--	510	210	490	
Field Test (pH)	pH	--	--	7.22	7.53	7.53	--	--	7.37	7.26	7.16	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.230	0.270	--	--	0.240	0.270	0.260	
Field Test (degrees Celcius)	Temperature	--	--	44.5	28.9	49.3	--	--	30.9	45.4	29.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.120	0.230	--	--	0.000420	0.00	1.28	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	60000	--	57200	--	58500	--	56000	
	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	--	20.3	--	20.4	--	30.6	--	39.2	
	Lead	15	MCL	--	0.160	--	0.160	--	0.280	--	0.330	
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND	
	Anthracene	--	--	--	--	--	--	--	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND	
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6300B		A3-IBIS6302A			A3-IBIS6302B		A3-IBIS6308B
		Location Type:	Residence		Residence			Residence		Residence
		Address:	6300B Ibis Avenue		6302A Ibis Avenue			6302B Ibis Avenue		6308B Ibis Avenue
		Field Sample ID:	A3-TW-0017197-24092-N-H	A3-TW-0017198-24092-N	A3-TW-0017198-24092-N-H	A3-TW-0017198-24092-3-N	A3-TW-0017198-24092-3-N-H	A3-TW-0017199-24092-N	A3-TW-0017199-24092-N-H	A3-TW-0016144-24092-N
		Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-09-11
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	ND
	Chrysene	--	--	--	--	--	--	--	--	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	ND
	Fluorene	--	--	--	--	--	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	ND
	Cumene	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	ND
Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	ND

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IBIS6302A					A3-IBIS6302B		A3-IBIS6308B
				Location Type:	Residence					Residence		Residence
				Address:	6302A Ibis Avenue					6302B Ibis Avenue		6308B Ibis Avenue
				Field Sample ID:	A3-TW-0017197-24092-N-H	A3-TW-0017198-24092-N	A3-TW-0017198-24092-N-H	A3-TW-0017198-24092-3-N	A3-TW-0017198-24092-3-N-H	A3-TW-0017199-24092-N	A3-TW-0017199-24092-N-H	A3-TW-0016144-24092-N
				Sample Date:	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24	2024-07-24	2024-09-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	0.310	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	0.270	
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	0.580	

Summary of Chemistry Results

Zone A3

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

Notes:
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EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

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

		Location ID: A3-IBIS6308B		A3-IBIS6316A		A3-IBIS6322A		A3-IBIS6328A		A3-IBIS6329B	
		Residence		Residence		Residence		Residence		Residence	
		6308B Ibis Avenue		6316A Ibis Avenue		6322A Ibis Avenue		6328A Ibis Avenue		6329B Ibis Avenue	
		A3-TW-0016144-24092-N-H	A3-TW-0016147-24092-N	A3-TW-0016147-24092-N-H	A3-TW-0016151-24092-N	A3-TW-0016151-24092-N-H	A3-TW-0016155-24092-N	A3-TW-0016155-24092-N-H	A3-TW-0017235-24092-N		
		2024-09-11	2024-07-24	2024-07-24	2024-08-15	2024-08-15	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)		
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	--	--	61.0	2.00	ND	9.00	ND	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	180	650	490	570	60.0	690	220	320
Field Test (pH)	pH	--	--	7.43	7.23	7.30	7.16	7.74	7.34	7.34	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	0.270	0.250	0.280	0.260	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	42.4	26.6	46.3	25.3	46.8	25.3	39.3	28.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.51	0.00	0.380	0.0620	3.78	0.100	0.300	0.530
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	60700	--	56000	--	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	--	29.2	--	14.7	--	16.7	--	50.4
	Lead	15	MCL	--	0.230	--	0.190	--	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
	Acenaphthylene	--	--	--	--	--	ND	--	--	--	--
	Anthracene	--	--	--	--	--	ND	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	--	--	--

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
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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6308B	A3-IBIS6316A		A3-IBIS6322A		A3-IBIS6328A		A3-IBIS6329B	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	6308B Ibis Avenue	6316A Ibis Avenue		6322A Ibis Avenue		6328A Ibis Avenue		6329B Ibis Avenue	
		Field Sample ID:	A3-TW-0016144-24092-N-H	A3-TW-0016147-24092-N	A3-TW-0016147-24092-N-H	A3-TW-0016151-24092-N	A3-TW-0016151-24092-N-H	A3-TW-0016155-24092-N	A3-TW-0016155-24092-N-H	A3-TW-0017235-24092-N	
		Sample Date:	2024-09-11	2024-07-24	2024-07-24	2024-08-15	2024-08-15	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								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	ND	--	--	--	
	Benzo(k)fluoranthene	--	--	--	--	--	ND	--	--	--	
	Chrysene	--	--	--	--	--	ND	--	--	--	
	Dibenz(a,h)anthracene	--	--	--	--	--	ND	--	--	--	
	Fluorene	--	--	--	--	--	ND	--	--	--	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	ND	--	--	--	
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	ND	--	--	--	--
	Pyrene	--	--	--	--	--	ND	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	--	ND	--	--	--	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	ND	--	--	--	--
	n-Propylbenzene	--	--	--	--	--	ND	--	--	--	--
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	ND	--	--	--	--
	tert-Butylbenzene	--	--	--	--	--	ND	--	--	--	--
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6308B	A3-IBIS6316A		A3-IBIS6322A		A3-IBIS6328A		A3-IBIS6329B	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	6308B Ibis Avenue	6316A Ibis Avenue		6322A Ibis Avenue		6328A Ibis Avenue		6329B Ibis Avenue	
		Field Sample ID:	A3-TW-0016144-24092-N-H	A3-TW-0016147-24092-N	A3-TW-0016147-24092-N-H	A3-TW-0016151-24092-N	A3-TW-0016151-24092-N-H	A3-TW-0016155-24092-N	A3-TW-0016155-24092-N-H	A3-TW-0017235-24092-N	
		Sample Date:	2024-09-11	2024-07-24	2024-07-24	2024-08-15	2024-08-15	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								
Trihalomethanes (ppb)	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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Parts per Million (ppm)
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6329B	A3-IBIS6331B		A3-IBIS6352A		A3-IBIS6362B		A3-IBIS6373	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	6329B Ibis Avenue	6331B Ibis Avenue		6352A Ibis Avenue		6362B Ibis Avenue		6373 Ibis Avenue	
		Field Sample ID:	A3-TW-0017235-24092-N-H	A3-TW-0017239-24092-N-H-WQI	A3-TW-0017239-24092-N-WQI	A3-TW-0016701-24092-N	A3-TW-0016701-24092-N-H	A3-TW-0016606-24092-N	A3-TW-0016606-24092-N-H	A3-TW-0016612-24092-N	
		Sample Date:	2024-07-24	2024-09-27	2024-09-27	2024-09-11	2024-09-11	2024-08-14	2024-08-14	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	15.0	21.0	2.00	ND	6.00	1.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	150	530	500	540	320	640	110	250
Field Test (pH)	pH	--	--	7.39	7.30	7.24	7.28	7.36	7.24	7.41	7.41
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.250	0.260	0.270	0.240	0.350	0.250
Field Test (degrees Celcius)	Temperature	--	--	50.4	41.6	26.3	25.8	50.5	28.2	49.1	30.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.84	0.260	0.00	1.27	0.730	0.530	0.510	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	55100	57300	--	61200	--	58000
	Total Organic Carbon	--	--	--	--	ND	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	--	ND	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	--	18.0	17.6	--	26.3	--	13.7
	Lead	15	MCL	--	--	0.140	0.240	--	0.210	--	ND
	Mercury	2	MCL	--	--	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	ND	ND	--	ND	--	--
	Anthracene	--	--	--	--	ND	ND	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6329B	A3-IBIS6331B		A3-IBIS6352A		A3-IBIS6362B		A3-IBIS6373
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	6329B Ibis Avenue	6331B Ibis Avenue		6352A Ibis Avenue		6362B Ibis Avenue		6373 Ibis Avenue
		Field Sample ID:	A3-TW-0017235-24092-N-H	A3-TW-0017239-24092-N-H-WQI	A3-TW-0017239-24092-N-WQI	A3-TW-0016701-24092-N	A3-TW-0016701-24092-N-H	A3-TW-0016606-24092-N	A3-TW-0016606-24092-N-H	A3-TW-0016612-24092-N
		Sample Date:	2024-07-24	2024-09-27	2024-09-27	2024-09-11	2024-09-11	2024-08-14	2024-08-14	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							
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	ND	--	ND	--
	Chrysene	--	--	--	--	ND	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	ND	--	ND	--
	Fluorene	--	--	--	--	ND	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	ND	--	ND	--
	Naphthalene	--	--	--	--	ND	ND	--	ND	ND
	Phenanthrene	--	--	--	--	ND	ND	--	ND	--
	Pyrene	--	--	--	--	ND	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	--	--	ND	ND	--	ND	ND
	Benzene	5	MCL	--	--	ND	ND	--	ND	ND
	Cumene	--	--	--	--	ND	ND	--	ND	--
	Ethylbenzene	700	MCL	--	--	ND	ND	--	ND	ND
	m,p-Xylene	--	--	--	--	ND	ND	--	ND	ND
	n-Butylbenzene	--	--	--	--	ND	ND	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	ND	--	ND	--
	o-Xylene	--	--	--	--	ND	ND	--	ND	ND
	sec-Butylbenzene	--	--	--	--	ND	ND	--	ND	--
	tert-Butylbenzene	--	--	--	--	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

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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6329B	A3-IBIS6331B		A3-IBIS6352A		A3-IBIS6362B		A3-IBIS6373
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	6329B Ibis Avenue	6331B Ibis Avenue		6352A Ibis Avenue		6362B Ibis Avenue		6373 Ibis Avenue
		Field Sample ID:	A3-TW-0017235-24092-N-H	A3-TW-0017239-24092-N-H-WQI	A3-TW-0017239-24092-N-WQI	A3-TW-0016701-24092-N	A3-TW-0016701-24092-N-H	A3-TW-0016606-24092-N	A3-TW-0016606-24092-N-H	A3-TW-0016612-24092-N
		Sample Date:	2024-07-24	2024-09-27	2024-09-27	2024-09-11	2024-09-11	2024-08-14	2024-08-14	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							
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	ND	--	ND	--	0.520
	Chloroform	--	--	--	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	ND	--	ND	--	0.340
	Total Trihalomethanes	80	MCL	--	ND	ND	--	ND	--	0.860

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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5032B		A3-IROQ5042B		A3-IROQ5044		A3-IROQ5060B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				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-IROQ5060B Residence 5060B Iroquois Avenue
				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	A3-TW-0017066-24092-N-H	A3-TW-0017208-24092-N
				2024-07-23	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	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	--	--	ND	ND	ND	ND	ND	ND	8.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	60.0	560	410	660	820	510	480	580
Field Test (pH)	pH	--	--	7.28	7.46	7.31	7.32	7.31	7.56	7.33	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.250	0.270	0.230	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	39.7	26.3	45.5	31.5	51.4	25.6	41.7	29.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.960	2.02	0.600	0.930	0.300	0.250	0.320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55400	--	57400	--	57400	--	57300
	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	--	12.0	--	8.30	--	7.00	--	14.7
	Lead	15	MCL	--	ND	--	0.150	--	0.150	--	0.240
	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 Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		Location ID:	A3-IBIS6373		A3-IROQ5032B		A3-IROQ5042B		A3-IROQ5044		A3-IROQ5060B
		Location Type:	Residence		Residence		Residence		Residence		Residence
		Address:	6373 Ibis Avenue		5032B Iroquois Avenue		5042B Iroquois Avenue		5044 Iroquois Avenue		5060B Iroquois Avenue
		Field Sample ID:	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	A3-TW-0017066-24092-N-H	A3-TW-0017208-24092-N	
		Sample Date:	2024-07-23	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-23	2024-07-23	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	--	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5125		A3-IROQ5150				A3-IROQ5162
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IROQ5060B Residence 5060B Iroquois Avenue	5125 Iroquois Avenue	5125 Iroquois Avenue	5150 Iroquois Avenue				5162 Iroquois Avenue
				A3-TW-0017208-24092-N-H	A3-TW-0012570-24092-N	A3-TW-0012570-24092-N-H	A3-TW-0016279-24092-N	A3-TW-0016279-24092-N-H	A3-TW-0016279-24092-3-N	A3-TW-0016279-24092-3-N-H	A3-TW-0012572-24092-N
				2024-07-24	2024-08-14	2024-08-14	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-07-24
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	--	--	ND	6.00	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	160	480	160	500	430	--	--	740
Field Test (pH)	pH	--	--	7.48	7.24	7.54	7.51	7.40	--	--	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.290	0.250	0.260	--	--	0.250
Field Test (degrees Celcius)	Temperature	--	--	50.8	30.4	48.7	25.8	40.1	--	--	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.770	0.0700	0.590	0.900	--	--	0.210
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	58600	--	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	--	58.3	--	10.4	--	10.4	--	15.9
	Lead	15	MCL	--	0.650	--	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
	Acenaphthylene	--	--	--	ND	--	--	--	--	--	--
	Anthracene	--	--	--	ND	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	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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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5060B	A3-IROQ5125		A3-IROQ5150				A3-IROQ5162	
		Location Type:	Residence	Residence		Residence				Residence	
		Address:	5060B Iroquois Avenue	5125 Iroquois Avenue		5150 Iroquois Avenue				5162 Iroquois Avenue	
		Field Sample ID:	A3-TW-0017208-24092-N-H	A3-TW-0012570-24092-N	A3-TW-0012570-24092-N-H	A3-TW-0016279-24092-N	A3-TW-0016279-24092-N-H	A3-TW-0016279-24092-3-N	A3-TW-0016279-24092-3-N-H	A3-TW-0012572-24092-N	
		Sample Date:	2024-07-24	2024-08-14	2024-08-14	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)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	--	--	--	--	--	
	Benzo(g,h,i)perylene	--	--	--	ND	--	--	--	--	--	
	Benzo(k)fluoranthene	--	--	--	ND	--	--	--	--	--	
	Chrysene	--	--	--	ND	--	--	--	--	--	
	Dibenz(a,h)anthracene	--	--	--	ND	--	--	--	--	--	
	Fluorene	--	--	--	ND	--	--	--	--	--	
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	--	--	--	--	
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	ND	--	--	--	--	--	--
	Pyrene	--	--	--	ND	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	ND	--	--	--	--	--	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	ND	--	--	--	--	--	--
	n-Propylbenzene	--	--	--	ND	--	--	--	--	--	--
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	ND	--	--	--	--	--	--
	tert-Butylbenzene	--	--	--	ND	--	--	--	--	--	--
Toluene	1000	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5125		A3-IROQ5150				A3-IROQ5162	
				Location Type:	Residence		Residence				Residence	
				Address:	5125 Iroquois Avenue		5150 Iroquois Avenue				5162 Iroquois Avenue	
				Field Sample ID:	A3-TW-0012570-24092-N	A3-TW-0012570-24092-N-H	A3-TW-0016279-24092-N	A3-TW-0016279-24092-N-H	A3-TW-0016279-24092-3-N	A3-TW-0016279-24092-3-N-H	A3-TW-0012572-24092-N	
				Sample Date:	2024-07-24	2024-08-14	2024-08-14	2024-07-23	2024-07-23	2024-07-23	2024-07-23	
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5170		A3-IROQ5234		A3-IROQ5239		A3-IROQ5299A
				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-IROQ5234 Residence 5234 Iroquois Avenue		A3-IROQ5239 Residence 5239 Iroquois Avenue		A3-IROQ5299A Residence 5299A Iroquois Avenue
				A3-TW-0012572-24092-N-H	A3-TW-0016285-24092-N	A3-TW-0016285-24092-N-H	A3-TW-0012576-24092-N	A3-TW-0012576-24092-N-H	A3-TW-0016272-24092-N	A3-TW-0016272-24092-N-H	A3-TW-0016487-24092-N
				2024-07-24	2024-07-24	2024-07-24	2024-08-15	2024-08-15	2024-08-14	2024-08-14	2024-08-15
				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	5.00	43.0	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	410	670	160	520	380	470	240	550
Field Test (pH)	pH	--	--	7.31	7.22	7.16	7.39	7.46	7.30	7.48	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.280	0.250	0.270	0.250	0.280	0.260
Field Test (degrees Celcius)	Temperature	--	--	45.8	29.6	49.8	25.2	45.4	27.2	47.4	28.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.42	0.150	0.220	0.690	1.89	0.120	0.440	0.860
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57400	--	53200	--	59400	--	55300
	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	--	7.40	--	46.6	--	10.8
	Lead	15	MCL	--	0.200	--	ND	--	0.480	--	0.130
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	ND	--	ND	--	ND
	Anthracene	--	--	--	--	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5162	A3-IROQ5170		A3-IROQ5234		A3-IROQ5239		A3-IROQ5299A	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5162 Iroquois Avenue	5170 Iroquois Avenue		5234 Iroquois Avenue		5239 Iroquois Avenue		5299A Iroquois Avenue	
		Field Sample ID:	A3-TW-0012572-24092-N-H	A3-TW-0016285-24092-N	A3-TW-0016285-24092-N-H	A3-TW-0012576-24092-N	A3-TW-0012576-24092-N-H	A3-TW-0016272-24092-N	A3-TW-0016272-24092-N-H	A3-TW-0016487-24092-N	
		Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-08-15	2024-08-15	2024-08-14	2024-08-14	2024-08-15	
		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								
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	ND	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	ND	--	ND	--	ND
	Chrysene	--	--	--	--	--	ND	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	ND	--	ND	--	ND
	Fluorene	--	--	--	--	--	ND	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	ND	--	ND	--	ND
	Pyrene	--	--	--	--	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	ND	--	ND	--	ND
	n-Propylbenzene	--	--	--	--	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	ND	--	ND	--	ND
	tert-Butylbenzene	--	--	--	--	--	ND	--	ND	--	ND
Toluene	1000	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5170		A3-IROQ5234		A3-IROQ5239		A3-IROQ5299A	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	5170 Iroquois Avenue		5234 Iroquois Avenue		5239 Iroquois Avenue		5299A Iroquois Avenue	
				Field Sample ID:	A3-TW-0012572-24092-N-H	A3-TW-0016285-24092-N	A3-TW-0016285-24092-N-H	A3-TW-0012576-24092-N	A3-TW-0012576-24092-N-H	A3-TW-0016272-24092-N	A3-TW-0016272-24092-N-H	A3-TW-0016487-24092-N
				Sample Date:	2024-07-24	2024-07-24	2024-07-24	2024-08-15	2024-08-15	2024-08-14	2024-08-14	2024-08-15
				Sample Type:	N (Normal)	N (Normal)						
Volatile Organic Compounds (ppb)	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
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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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5299B		A3-KELA4968B		A3-KELA4968D		A3-KELA4976B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IROQ5299A Residence 5299A Iroquois Avenue	A3-IROQ5299B Residence 5299B Iroquois Avenue		A3-KELA4968B Residence 4968B Kela Place		A3-KELA4968D Residence 4968D Kela Place		A3-KELA4976B Residence 4976B Kela Place
				A3-TW-0016487-24092-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	A3-TW-0016897-24092-N-H	A3-TW-0016849-24092-N
				2024-08-15	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-08-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	19.0	ND	ND	ND	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	300	590	500	570	180	750	410	570
Field Test (pH)	pH	--	--	7.30	7.26	7.36	8.12	7.23	7.24	7.20	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.270	0.220	0.250	0.250	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	44.0	30.2	58.0	31.7	41.6	26.0	39.9	26.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.490	0.920	2.29	0.340	0.0550	0.300	0.220	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57600	--	59200	--	56200	--	58800
	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	--	7.20	--	13.8	--	10.3	--	7.50
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND
	Anthracene	--	--	--	--	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	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 - September 2024 from Residences in Zone A3

		Location ID:	A3-IROQ5299A	A3-IROQ5299B		A3-KELA4968B		A3-KELA4968D		A3-KELA4976B	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	5299A Iroquois Avenue	5299B Iroquois Avenue		4968B Kela Place		4968D Kela Place		4976B Kela Place	
		Field Sample ID:	A3-TW-0016487-24092-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	A3-TW-0016897-24092-N-H	A3-TW-0016849-24092-N	
		Sample Date:	2024-08-15	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-08-14	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	ND	
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	ND	
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	ND	
	Chrysene	--	--	--	--	--	--	--	--	ND	
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	ND	
	Fluorene	--	--	--	--	--	--	--	--	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	ND	
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
Toluene	1000	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-IROQ5299B		A3-KELA4968B		A3-KELA4968D		A3-KELA4976B
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-IROQ5299A Residence 5299A Iroquois Avenue	A3-IROQ5299B Residence 5299B Iroquois Avenue		A3-KELA4968B Residence 4968B Kela Place		A3-KELA4968D Residence 4968D Kela Place		A3-KELA4976B Residence 4976B Kela Place
				A3-TW-0016487-24092-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	A3-TW-0016897-24092-N-H	A3-TW-0016849-24092-N
				2024-08-15	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-08-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	0.310	--	0.320
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	0.310	--	0.320

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

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

		Location ID: A3-KELA4976B		A3-MARI6024		A3-MOKU4911A		A3-MOKU4916D		A3-MOKU4917C	
		Residence		Residence		Residence		Residence		Residence	
		4976B Kela Place		6024 Marina Drive		4911A Mokupea Place		4916D Mokupea Place		4917C Mokupea Place	
		A3-TW-0016849-24092-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-0016712-24092-N	A3-TW-0016712-24092-N-H	A3-TW-0016716-24092-N	
		2024-08-14		2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-08-15	2024-08-15	2024-07-23	
		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	--	--	1.00	ND	ND	4.00	ND	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	320	840	540	970	330	530	290	490
Field Test (pH)	pH	--	--	7.29	7.20	7.19	7.09	7.18	7.23	7.10	7.48
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.240	0.280	0.260	0.260	0.240	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	45.9	25.5	53.4	24.9	39.2	25.8	48.8	25.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.680	0.460	0.00	0.0880	0.00	0.540	0.550	0.540
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57200	--	55900	--	54700	--	57200
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	145
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	245
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	390
Metals (ppb)	Copper	1300	MCL	--	8.00	--	4.10	--	8.70	--	8.00
	Lead	15	MCL	--	ND	--	ND	--	0.180	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	--	--	ND	--	--
	Anthracene	--	--	--	--	--	--	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	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 - September 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-MOKU4916D		A3-MOKU4917C
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-KELA4976B Residence 4976B 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-0016712-24092-N	A3-TW-0016712-24092-N-H	A3-TW-0016716-24092-N
					2024-08-14	2024-07-24	2024-07-23	2024-07-23	2024-08-15	2024-08-15	2024-07-23
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	0.420	--	0.300
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	0.360	--	0.270
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	0.780	--	0.570

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 - September 2024 from Residences in Zone A3

		Location ID: A3-MOKU4917C		A3-MOKU4917D			A3-MOKU4918C		A3-MOKU4919A		A3-MOKU4919C
		Residence		Residence			Residence		Residence		Residence
		Address: 4917C Mokupea Place		4917D Mokupea Place			4918C Mokupea Place		4919A Mokupea Place		4919C Mokupea Place
		Field Sample ID: A3-TW-0016716-24092-N-H		A3-TW-0016717-24092-N-H-WQI	A3-TW-0016717-24092-N-WQI	A3-TW-0016720-24092-N	A3-TW-0016720-24092-N-H	A3-TW-0012509-24092-N	A3-TW-0012509-24092-N-H	A3-TW-0016723-24092-N	
		Sample Date: 2024-07-23		2024-07-01	2024-07-01	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-08-14	
		Sample Type: N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	Absent	--	Absent	--	Absent
	E. coli	--	--	--	--	Absent	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	151	276	7.00
Field Test (ppb)	Free Chlorine	4000	MCL	390	410	530	710	730	620	910	620
Field Test (pH)	pH	--	--	7.44	7.31	7.24	7.23	7.07	7.26	7.43	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.270	0.240	0.260	0.250	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	40.0	39.6	24.5	25.1	43.3	26.3	28.8	26.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.740	0.360	0.280	0.310	0.00	0.0000340	0.0610	0.310
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	52900	56700	--	57400	--	60400
	Total Organic Carbon	--	--	--	--	ND	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	ND	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	--	ND	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	--	3.00	3.70	--	6.20	--	5.90
	Lead	15	MCL	--	--	ND	ND	--	ND	--	ND
	Mercury	2	MCL	--	--	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	--	--	ND	--	ND
	Anthracene	--	--	--	--	--	--	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	ND	--	ND

Summary of Chemistry Results

Zone A3

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4917D		A3-MOKU4918C		A3-MOKU4919A		A3-MOKU4919C		
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence			
				Address:	4917D Mokupea Place		4918C Mokupea Place		4919A Mokupea Place		4919C Mokupea Place		
				Field Sample ID:	A3-TW-0016717-24092-N-H	A3-TW-0016717-24092-N-H-WQI	A3-TW-0016717-24092-N-WQI	A3-TW-0016720-24092-N	A3-TW-0016720-24092-N-H	A3-TW-0012509-24092-N	A3-TW-0012509-24092-N-H	A3-TW-0016723-24092-N	
				Sample Date:	2024-07-23	2024-07-01	2024-07-01	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-08-14	
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	ND	--	ND	
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	ND	--	ND	
	Chrysene	--	--	--	--	--	--	--	--	ND	--	ND	
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	ND	--	ND	
	Fluorene	--	--	--	--	--	--	--	--	ND	--	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	ND	--	ND	
	Naphthalene	--	--	--	--	--	ND	ND	--	--	ND	ND	
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	ND	--	--	ND	--	ND	
	1,3,5-Trimethylbenzene	--	--	--	--	ND	ND	--	--	ND	--	ND	
	Benzene	5	MCL	--	--	ND	ND	--	--	ND	--	ND	
	Cumene	--	--	--	--	--	--	--	--	ND	--	ND	
	Ethylbenzene	700	MCL	--	--	ND	ND	--	--	ND	--	ND	
	m,p-Xylene	--	--	--	--	ND	ND	--	--	ND	--	ND	
	n-Butylbenzene	--	--	--	--	--	--	--	--	ND	--	ND	
	n-Propylbenzene	--	--	--	--	--	--	--	--	ND	--	ND	
	o-Xylene	--	--	--	--	ND	ND	--	--	ND	--	ND	
	sec-Butylbenzene	--	--	--	--	--	--	--	--	ND	--	ND	
	tert-Butylbenzene	--	--	--	--	--	--	--	--	ND	--	ND	
Toluene	1000	MCL	--	--	ND	ND	--	--	ND	--	ND		
Xylenes, Total	10000	MCL	--	--	ND	ND	--	--	ND	--	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	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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MPN/mL = Most probable number per milliliter

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4917D		A3-MOKU4918C		A3-MOKU4919A		A3-MOKU4919C	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	4917D Mokupea Place		4918C Mokupea Place		4919A Mokupea Place		4919C Mokupea Place	
				Field Sample ID:	A3-TW-0016716-24092-N-H	A3-TW-0016717-24092-N-H-WQI	A3-TW-0016717-24092-N-WQI	A3-TW-0016720-24092-N	A3-TW-0016720-24092-N-H	A3-TW-0012509-24092-N	A3-TW-0012509-24092-N-H	A3-TW-0016723-24092-N
				Sample Date:	2024-07-23	2024-07-01	2024-07-01	2024-07-24	2024-07-24	2024-08-14	2024-08-14	2024-08-14
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	--	0.510	0.480	--	ND	--	0.300	
	Chloroform	--	--	--	--	ND	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	--	0.350	0.350	--	0.250	--	0.290	
	Total Trihalomethanes	80	MCL	--	--	0.860	0.830	--	0.250	--	0.590	

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
MPN/mL = Most probable number per milliliter

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4920D					A3-WEHA4836C		A3-WEHA4838B
				Location Type:	Residence					Residence		Residence
				Address:	4920D Mokupea Place					4836C West Eha Way		4838B West Eha Way
				Field Sample ID:	A3-TW-0016723-24092-N-H	A3-TW-0016728-24092-N	A3-TW-0016728-24092-N-H	A3-TW-0016728-24092-3-N	A3-TW-0016728-24092-3-N-H	A3-TW-0016737-24092-N	A3-TW-0016737-24092-N-H	A3-TW-0016742-24092-N-WQI
				Sample Date:	2024-08-14	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-09-27
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	5.00	ND	ND	ND	ND	ND	2.00	251	
Field Test (ppb)	Free Chlorine	4000	MCL	740	720	760	--	--	740	90.0	560	
Field Test (pH)	pH	--	--	7.33	6.88	6.99	--	--	7.41	7.41	7.38	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.250	--	--	0.250	0.250	0.250	
Field Test (degrees Celcius)	Temperature	--	--	37.3	25.9	46.7	--	--	25.1	32.0	25.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.600	0.0350	0.220	--	--	0.180	0.180	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	60000	--	57500	--	58500	--	53600	
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND	
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND	
Metals (ppb)	Copper	1300	MCL	--	4.90	--	4.90	--	6.40	--	6.20	
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND	
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND	
	Anthracene	--	--	--	--	--	--	--	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND	
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	ND	

Summary of Chemistry Results

Zone A3

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

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

		Location ID:	A3-MOKU4919C	A3-MOKU4920D			A3-WEHA4836C		A3-WEHA4838B		
		Location Type:	Residence	Residence			Residence		Residence		
		Address:	4919C Mokupea Place	4920D Mokupea Place			4836C West Eha Way		4838B West Eha Way		
		Field Sample ID:	A3-TW-0016723-24092-N-H	A3-TW-0016728-24092-N	A3-TW-0016728-24092-N-H	A3-TW-0016728-24092-3-N	A3-TW-0016728-24092-3-N-H	A3-TW-0016737-24092-N	A3-TW-0016737-24092-N-H	A3-TW-0016742-24092-N-WQI	
		Sample Date:	2024-08-14	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-07-24	2024-09-27	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	ND	
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	ND	
	Chrysene	--	--	--	--	--	--	--	--	ND	
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	ND	
	Fluorene	--	--	--	--	--	--	--	--	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	ND	
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	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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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-MOKU4920D					A3-WEHA4836C		A3-WEHA4838B														
				Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:										
				A3-MOKU4919C Residence 4919C Mokupea Place	A3-TW-0016723-24092-N-H	2024-08-14	N (Normal)	A3-TW-0016728-24092-N	2024-07-24	N (Normal)	A3-TW-0016728-24092-3-N	2024-07-24	FD (Field Duplicate)	A3-TW-0016728-24092-3-N-H	2024-07-24	FD (Field Duplicate)	A3-TW-0016737-24092-N	2024-07-24	N (Normal)	A3-TW-0016737-24092-N-H	2024-07-24	N (Normal)	A3-TW-0016742-24092-N-WQI	2024-09-27	N (Normal)	
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	--	ND	--	--	0.320	--	--	ND	--	--	0.440	--	--	ND	--	--	0.400	--	--	0.840
	Chloroform	--	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	--	0.300	--	--	ND	--	--	0.400	--	--	ND	--	--	0.400	--	--	0.400
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	--	0.620	--	--	ND	--	--	0.840	--	--	ND	--	--	0.840	--	--	0.840

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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEHA4838B		A3-WEHA4839C		A3-WEHA4839D		A3-WEHI4951A	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				Residence 4838B West Eha Way		Residence 4839C West Eha Way		Residence 4839D West Eha Way		Residence 4951A West Ehiku Way	
				A3-TW-0016742-24092-N-H-WQI	A3-TW-0016742-24092-N-H-WQI-R1	A3-TW-0016745-24092-N	A3-TW-0016745-24092-N-H	A3-TW-0016746-24092-N	A3-TW-0016746-24092-N-H	A3-TW-0016747-24092-N	A3-TW-0016747-24092-N-H
				2024-09-27	2024-10-29	2024-09-11	2024-09-11	2024-07-23	2024-07-23	2024-08-14	2024-08-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	--	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	300	300	3.00	ND	4.00	ND	11.0	226
Field Test (ppb)	Free Chlorine	4000	MCL	160	1720	550	360	470	510	570	1010
Field Test (pH)	pH	--	--	7.34	7.31	7.39	7.25	7.18	7.05	7.35	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.280	0.300	0.250	0.250	0.270	0.280
Field Test (degrees Celcuis)	Temperature	--	--	29.6	33.4	27.6	54.6	26.7	37.0	23.2	38.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.19	0.00	1.07	1.71	0.620	0.0410	0.210	0.0120
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	57700	--	59500	--	61200	--
	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	--	--	2.60	--	5.10	--	6.70	--
	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	--
	Acenaphthylene	--	--	--	--	ND	--	--	--	ND	--
	Anthracene	--	--	--	--	ND	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	--	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 - September 2024 from Residences in Zone A3

		Location ID: A3-WEHA4838B		A3-WEHA4839C		A3-WEHA4839D		A3-WEHI4951A		
		Residence		Residence		Residence		Residence		
		4838B West Eha Way		4839C West Eha Way		4839D West Eha Way		4951A West Ehiku Way		
		Field Sample ID:	A3-TW-0016742-24092-N-H-WQI	A3-TW-0016742-24092-N-H-WQI-R1	A3-TW-0016745-24092-N	A3-TW-0016745-24092-N-H	A3-TW-0016746-24092-N	A3-TW-0016746-24092-N-H	A3-TW-0016747-24092-N	A3-TW-0016747-24092-N-H
		Sample Date:	2024-09-27	2024-10-29	2024-09-11	2024-09-11	2024-07-23	2024-07-23	2024-08-14	2024-08-14
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	ND	--	--	ND	--
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	--	ND	--
	Chrysene	--	--	--	--	ND	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	--	ND	--
	Fluorene	--	--	--	--	ND	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	--	ND	--
	Naphthalene	--	--	--	--	ND	--	ND	ND	--
	Phenanthrene	--	--	--	--	ND	--	--	ND	--
	Pyrene	--	--	--	--	ND	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	--	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	--	--	ND	--	ND	ND	--
	Benzene	5	MCL	--	--	ND	--	ND	ND	--
	Cumene	--	--	--	--	ND	--	--	ND	--
	Ethylbenzene	700	MCL	--	--	ND	--	ND	ND	--
	m,p-Xylene	--	--	--	--	ND	--	ND	ND	--
	n-Butylbenzene	--	--	--	--	ND	--	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--	--	ND	--
	o-Xylene	--	--	--	--	ND	--	ND	ND	--
	sec-Butylbenzene	--	--	--	--	ND	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	ND	--	--	ND	--
Toluene	1000	MCL	--	--	ND	--	ND	ND	--	

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEHA4838B		A3-WEHA4839C		A3-WEHA4839D		A3-WEHI4951A									
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date								
				Location ID: A3-WEHA4838B Location Type: Residence Address: 4838B West Eha Way		Location ID: A3-WEHA4839C Location Type: Residence Address: 4839C West Eha Way		Location ID: A3-WEHA4839D Location Type: Residence Address: 4839D West Eha Way		Location ID: A3-WEHI4951A Location Type: Residence Address: 4951A West Ehiku Way									
				A3-TW-0016742-24092-N-H-WQI	2024-09-27	A3-TW-0016742-24092-N-H-WQI-R1	2024-10-29	A3-TW-0016745-24092-N	2024-09-11	A3-TW-0016745-24092-N-H	2024-09-11	A3-TW-0016746-24092-N	2024-07-23	A3-TW-0016746-24092-N-H	2024-07-23	A3-TW-0016747-24092-N	2024-08-14	A3-TW-0016747-24092-N-H	2024-08-14
				N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	--	--	0.430	--	0.330	--	0.330	--	0.330	--	0.330	--	0.330	--	0.330	--
	Chloroform	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	--	0.340	--	0.270	--	0.270	--	0.270	--	0.270	--	0.270	--	0.270	--
	Total Trihalomethanes		80	MCL	--	--	0.770	--	0.600	--	0.600	--	0.600	--	0.600	--	0.600	--	0.600

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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEHI4951B		A3-WEHI4955D		A3-WEKA4741B		A3-WEKA4743D													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				A3-WEHI4951B Residence 4951B West Ehiku Way		A3-WEHI4955D Residence 4955D West Ehiku Way		A3-WEKA4741B Residence 4741B West Ekahi Way		A3-WEKA4743D Residence 4743D West Ekahi Way													
				A3-TW-0016748-24092-N	A3-TW-0016748-24092-N-H	A3-TW-0016764-24092-N	A3-TW-0016764-24092-N-H	A3-TW-0016774-24092-N	A3-TW-0016774-24092-N-H	A3-TW-0016784-24092-N	A3-TW-0016784-24092-N-H												
				2024-08-14	2024-08-14	2024-08-15	2024-08-15	2024-07-23	2024-07-23	2024-07-24	2024-07-24												
				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	13.0	11.0	3.00	ND	ND	ND	ND												
Field Test (ppb)	Free Chlorine	4000	MCL	570	470	500	290	480	510	660	340												
Field Test (pH)	pH	--	--	7.29	7.43	7.39	7.43	7.17	6.92	7.31	7.30												
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.240	0.260	0.250	0.260												
Field Test (degrees Celcius)	Temperature	--	--	26.4	47.6	26.8	48.2	25.3	42.0	25.3	39.8												
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.810	0.600	0.360	1.38	0.400	0.350	0.00	0.480												
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58200	--	54800	--	55200	--	58400	--												
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--												
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--												
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--												
Metals (ppb)	Copper	1300	MCL	4.10	--	5.60	--	5.10	--	6.50	--												
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--												
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--												
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	Acenaphthylene	--	--	ND	--	ND	--	--	--	--	--												
	Anthracene	--	--	ND	--	ND	--	--	--	--	--												
	Benzo(a)pyrene	0.2	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEHI4951B		A3-WEHI4955D		A3-WEKA4741B		A3-WEKA4743D	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				A3-TW-0016748-24092-N	A3-TW-0016748-24092-N-H	A3-TW-0016764-24092-N	A3-TW-0016764-24092-N-H	A3-TW-0016774-24092-N	A3-TW-0016774-24092-N-H	A3-TW-0016784-24092-N	A3-TW-0016784-24092-N-H
				2024-08-14	2024-08-14	2024-08-15	2024-08-15	2024-07-23	2024-07-23	2024-07-24	2024-07-24
				N (Normal)	N (Normal)						
				4951B West Ehiku Way		4955D West Ehiku Way		4741B West Ekahi Way		4743D West Ekahi Way	
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	--	--	--	--
	Chrysene	--	--	ND	--	ND	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	--	--	--	--
	Fluorene	--	--	ND	--	ND	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	--	--	--	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	ND	--	ND	--	--	--	--	--
	Pyrene	--	--	ND	--	ND	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	ND	--	ND	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	ND	--	ND	--	--	--	--	--
	n-Propylbenzene	--	--	ND	--	ND	--	--	--	--	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	ND	--	ND	--	--	--	--	--
	tert-Butylbenzene	--	--	ND	--	ND	--	--	--	--	--
	Toluene	1000	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-WEHI4951B		A3-WEHI4955D		A3-WEKA4741B		A3-WEKA4743D									
				Field Sample ID	Sample Date														
				Location ID: A3-WEHI4951B Location Type: Residence Address: 4951B West Ehiku Way		Location ID: A3-WEHI4955D Location Type: Residence Address: 4955D West Ehiku Way		Location ID: A3-WEKA4741B Location Type: Residence Address: 4741B West Ekahi Way		Location ID: A3-WEKA4743D Location Type: Residence Address: 4743D West Ekahi Way									
				A3-TW-0016748-24092-N	2024-08-14	A3-TW-0016748-24092-N-H	2024-08-14	A3-TW-0016764-24092-N	2024-08-15	A3-TW-0016764-24092-N-H	2024-08-15	A3-TW-0016774-24092-N	2024-07-23	A3-TW-0016774-24092-N-H	2024-07-23	A3-TW-0016784-24092-N	2024-07-24	A3-TW-0016784-24092-N-H	2024-07-24
				N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)		N (Normal)	
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	0.310	--	ND	--	0.370	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	0.260	--	ND	--	0.300	--	0.250	--	0.250	--	0.250	--	0.250	--	0.250	--
	Total Trihalomethanes	80	MCL	0.570	--	ND	--	0.670	--	0.250	--	0.250	--	0.250	--	0.250	--	0.250	--

Summary of Chemistry Results
Zone A3
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKO4807D		A3-WELU4770A		A3-WELU4773A		A3-WELU4774A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEKO4806D Residence 4806D West Ekolu Way	A3-WEKO4807D Residence 4807D West Ekolu Way		A3-WELU4770A Residence 4770A West Elua Way		A3-WELU4773A Residence 4773A West Elua Way		A3-WELU4774A Residence 4774A West Elua Way
				A3-TW-0016808-24092-N-R1	A3-TW-0016812-24092-N	A3-TW-0016812-24092-N-H	A3-TW-0016813-24092-N	A3-TW-0016813-24092-N-H	A3-TW-0016825-24092-N	A3-TW-0016825-24092-N-H	A3-TW-0016829-24092-N
				2024-07-11	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-08-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Present	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	Absent	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	8.00	2.00	ND	ND	ND	ND	18.0
Field Test (ppb)	Free Chlorine	4000	MCL	390	670	330	170	110	500	360	590
Field Test (pH)	pH	--	--	7.13	7.36	7.39	7.22	7.22	7.42	7.42	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.270	0.240	0.260	0.250	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.5	25.9	39.5	27.8	48.8	26.8	51.6	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0490	0.760	0.550	0.00	0.00	0.440	2.73	0.440
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56700	--	55500	--	59700	--	56500
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	9.20	--	7.00	--	12.3	--	11.5
	Lead	15	MCL	--	0.140	--	ND	--	0.640	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND
	Anthracene	--	--	--	--	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WEKO4807D		A3-WELU4770A		A3-WELU4773A		A3-WELU4774A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEKO4806D Residence 4806D West Ekolu Way	A3-WEKO4807D Residence 4807D West Ekolu Way		A3-WELU4770A Residence 4770A West Elua Way		A3-WELU4773A Residence 4773A West Elua Way		A3-WELU4774A Residence 4774A West Elua Way
				A3-TW-0016808-24092-N-R1 2024-07-11 N (Normal)	A3-TW-0016812-24092-N 2024-07-24 N (Normal)	A3-TW-0016812-24092-N-H 2024-07-24 N (Normal)	A3-TW-0016813-24092-N 2024-07-23 N (Normal)	A3-TW-0016813-24092-N-H 2024-07-23 N (Normal)	A3-TW-0016825-24092-N 2024-07-23 N (Normal)	A3-TW-0016825-24092-N-H 2024-07-23 N (Normal)	A3-TW-0016829-24092-N 2024-08-14 N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	ND
	Chrysene	--	--	--	--	--	--	--	--	--	ND
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	ND
	Fluorene	--	--	--	--	--	--	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				A3-WEKO4806D Residence 4806D West Ekolu Way	4807D West Ekolu Way		4770A West Elua Way		4773A West Elua Way		4774A West Elua Way
				A3-TW-0016808-24092-N-R1	A3-TW-0016812-24092-N	A3-TW-0016812-24092-N-H	A3-TW-0016813-24092-N	A3-TW-0016813-24092-N-H	A3-TW-0016825-24092-N	A3-TW-0016825-24092-N-H	A3-TW-0016829-24092-N
				2024-07-11	2024-07-24	2024-07-24	2024-07-23	2024-07-23	2024-07-23	2024-07-23	2024-08-14
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	0.360	--	0.370	--	0.340	--	0.340
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.320	--	0.300	--	0.270	--	0.250
	Total Trihalomethanes	80	MCL	--	0.680	--	0.670	--	0.610	--	0.590

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: A3-WELU4774A		Location ID: A3-WELU4775A	
				Location Type: Residence	Address: 4774A West Elua Way	Location Type: Residence	Address: 4775A West Elua Way
				Field Sample ID: A3-TW-0016829-24092-N-H	Sample Date: 2024-08-14	Sample Type: N (Normal)	
				Field Sample ID: A3-TW-0016833-24092-N-H-WQI	Sample Date: 2024-08-08	Sample Type: N (Normal)	Field Sample ID: A3-TW-0016833-24092-N-WQI
							Sample Date: 2024-08-08
							Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	--	Absent
	E. coli	--	--	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	116	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	810	400	670	
Field Test (pH)	pH	--	--	7.27	7.11	7.21	
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	0.250	
Field Test (degrees Celcius)	Temperature	--	--	42.9	45.3	27.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0460	0.690	0.660	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	57200	
	Total Organic Carbon	--	--	--	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	ND	
	Petroleum Hydrocarbons, Total	--	--	--	--	ND	
Metals (ppb)	Copper	1300	MCL	--	--	3.90	
	Lead	15	MCL	--	--	ND	
	Mercury	2	MCL	--	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	
	2-Methylnaphthalene	--	--	--	--	ND	
	Acenaphthylene	--	--	--	--	ND	
	Anthracene	--	--	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	--	ND	
	Benzo(b)fluoranthene	--	--	--	--	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 - September 2024 from Residences in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-WELU4775A	
				A3-WELU4774A	Residence	Residence
				Residence	Residence	
				Address: 4774A West Elua Way	4775A West Elua Way	
				Field Sample ID: A3-TW-0016829-24092-N-H	A3-TW-0016833-24092-N-H-WQI	A3-TW-0016833-24092-N-WQI
				Sample Date: 2024-08-14	2024-08-08	2024-08-08
				Sample Type: N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	--	ND
	Chloroform	--	--	--	--	ND
	Dibromochloromethane	--	--	--	--	0.280
	Total Trihalomethanes	80	MCL	--	--	0.280

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
-- = 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 - September 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24183-N-1	A3-TW-0012582-24183-N-1-H	A3-TW-0012582-24183-N-2	A3-TW-0012582-24183-N-3	A3-TW-0012582-24183-N-4	A3-TW-0012582-24183-N-5	A3-TW-0012582-24214-N-1	A3-TW-0012582-24214-N-5
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-07	2024-08-07
				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	Absent
	E. coli	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	370	50.0	960	350	120	960	550	530	
Field Test (pH)	pH	--	--	7.37	7.53	7.21	7.25	7.17	7.21	7.11	7.59	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.240	0.240	0.250	0.240	0.260	
Field Test (degrees Celcius)	Temperature	--	--	27.4	45.3	26.6	25.7	24.9	26.6	25.6	27.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.0790	0.260	0.310	0.940	0.260	0.500	0.970	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50300	--	48500	53400	52700	52100	58200	58100	
	Total Organic Carbon	--	--	ND	--	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	ND	ND	ND	ND	ND	
Metals (ppb)	Copper	1300	MCL	10.4	--	12.2	14.1	53.3	41.3	6.80	32.4	
	Lead	15	MCL	0.150	--	ND	0.130	0.190	0.180	ND	0.210	
	Mercury	2	MCL	ND	--	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	Acenaphthylene	--	--	--	--	--	--	--	--	ND	ND	
	Anthracene	--	--	--	--	--	--	--	--	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 - September 2024 from Schools in Zone A3

				A3-CORM5553									
				School									
				Iroquois Point Elementary, 5553 Cormorant Ave									
				Field Sample ID:	A3-TW-0012582-24183-N-1	A3-TW-0012582-24183-N-1-H	A3-TW-0012582-24183-N-2	A3-TW-0012582-24183-N-3	A3-TW-0012582-24183-N-4	A3-TW-0012582-24183-N-5	A3-TW-0012582-24214-N-1	A3-TW-0012582-24214-N-5	
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-07	2024-08-07	
				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										
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	ND	ND	
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	--	ND	ND	
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	ND	ND	
	Chrysene	--	--	--	--	--	--	--	--	--	ND	ND	
	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	--	ND	ND	
	Fluorene	--	--	--	--	--	--	--	--	--	ND	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	--	ND	ND	
	Naphthalene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	ND	ND	ND
	Pyrene	--	--	--	--	--	--	--	--	--	ND	ND	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	
	Cumene	--	--	--	--	--	--	--	--	--	ND	ND	
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	ND	ND	
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	ND	ND	
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND	
	sec-Butylbenzene	--	--	--	--	--	--	--	--	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 - September 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24183-N-1	A3-TW-0012582-24183-N-1-H	A3-TW-0012582-24183-N-2	A3-TW-0012582-24183-N-3	A3-TW-0012582-24183-N-4	A3-TW-0012582-24183-N-5	A3-TW-0012582-24214-N-1	A3-TW-0012582-24214-N-5
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-07	2024-08-07
				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)	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	ND	ND
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.500	--	ND	ND	ND	ND	0.320	0.400	0.310
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.320	--	ND	ND	ND	ND	ND	0.250	ND
	Total Trihalomethanes	80	MCL	0.820	--	ND	ND	ND	ND	0.320	0.650	0.310

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24214-N-1-H	A3-TW-0012582-24214-N-2	A3-TW-0012582-24214-N-3	A3-TW-0012582-24214-N-4	A3-TW-0012582-24245-N-1	A3-TW-0012582-24245-N-1-H	A3-TW-0012582-24245-N-2	A3-TW-0012582-24245-N-5
				Sample Date:	2024-08-07	2024-08-07	2024-08-07	2024-08-07	2024-09-12	2024-09-12	2024-09-12	2024-09-12
				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	4.00	ND	4.00	4.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	170	10.0	490	510	40.0	60.0	530	550	550
Field Test (pH)	pH	--	--	7.34	6.99	6.98	7.37	7.27	7.30	7.38	7.07	7.07
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.250	0.260	0.260	0.280	0.260	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	48.3	28.5	26.8	29.2	25.4	49.0	25.2	26.8	26.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.55	0.930	0.360	0.910	0.570	0.890	0.460	0.830	0.830
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57500	58100	58700	59300	--	58200	57900	57900
	Total Organic Carbon	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
Metals (ppb)	Copper	1300	MCL	--	27.9	11.5	81.6	13.5	--	15.7	23.8	23.8
	Lead	15	MCL	--	ND	ND	0.230	0.230	--	ND	0.200	0.200
	Mercury	2	MCL	--	ND	ND	ND	ND	--	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	2-Methylnaphthalene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Acenaphthylene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Anthracene	--	--	--	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 - September 2024 from Schools in Zone A3

				A3-CORM5553								
				School								
				Iroquois Point Elementary, 5553 Cormorant Ave								
				Field Sample ID:	A3-TW-0012582-24214-N-1-H	A3-TW-0012582-24214-N-2	A3-TW-0012582-24214-N-3	A3-TW-0012582-24214-N-4	A3-TW-0012582-24245-N-1	A3-TW-0012582-24245-N-1-H	A3-TW-0012582-24245-N-2	A3-TW-0012582-24245-N-5
				Sample Date:	2024-08-07	2024-08-07	2024-08-07	2024-08-07	2024-09-12	2024-09-12	2024-09-12	2024-09-12
				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									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	--	0.0140	ND	ND	ND	--	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Chrysene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Fluorene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Naphthalene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Pyrene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Benzene	5	MCL	--	ND	ND	ND	ND	--	ND	ND	ND
	Cumene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	--	ND	ND	ND	ND	--	ND	ND	ND
	m,p-Xylene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	n-Propylbenzene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	--	ND	ND	ND	ND	--	ND	ND	ND
sec-Butylbenzene	--	--	--	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 - September 2024 from Schools in Zone A3

		Location ID: A3-CORM5553									
		Location Type: School									
		Address: Iroquois Point Elementary, 5553 Cormorant Ave									
		Field Sample ID:		A3-TW-0012582-24214-N-1-H	A3-TW-0012582-24214-N-2	A3-TW-0012582-24214-N-3	A3-TW-0012582-24214-N-4	A3-TW-0012582-24245-N-1	A3-TW-0012582-24245-N-1-H	A3-TW-0012582-24245-N-2	A3-TW-0012582-24245-N-5
		Sample Date:		2024-08-07	2024-08-07	2024-08-07	2024-08-07	2024-09-12	2024-09-12	2024-09-12	2024-09-12
		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)	tert-Butylbenzene	--	--	--	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	--	--	--	0.390	0.420	0.300	0.450	--	0.470	0.380
	Chloroform	--	--	--	ND	ND	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	--	0.320	0.290	ND	0.290	--	0.350	0.260
	Total Trihalomethanes	80	MCL	--	0.710	0.710	0.300	0.740	--	0.820	0.640

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 - September 2024 from Schools in Zone A3

		Location ID: A3-CORM5553			Location ID: A3-IROQ5111						
		Location Type: School			Location Type: School						
		Address: Iroquois Point Elementary, 5553 Cormorant Ave			Address: Iroquois Point Pre-School, 5111 Iroquois Ave						
		Field Sample ID:	A3-TW-0012582-24245-N-3	A3-TW-0012582-24245-N-4	A3-TW-0012582-24245-3-N-4	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	
		Sample Date:	2024-09-12	2024-09-12	2024-09-12	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-CORM5553			A3-IROQ5111				
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	--	--	42.0	6.00	3.00	ND	299	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	400	510	--	50.0	120	30.0	70.0	400
Field Test (pH)	pH	--	--	7.32	7.13	--	7.09	8.95	7.28	9.00	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	--	0.250	0.300	0.210	0.290	0.250
Field Test (degrees Celcius)	Temperature	--	--	24.4	27.8	--	29.1	41.4	29.0	40.9	28.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00620	0.390	--	0.370	0.370	0.400	0.800	0.450
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56900	58700	58200	51000	--	51900	--	52000
	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	32.7	76.9	72.6	82.6	--	67.3	--	26.5
	Lead	15	MCL	0.160	0.300	0.190	0.380	--	0.250	--	0.330
	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
	Acenaphthylene	--	--	ND	ND	ND	--	--	--	--	--
	Anthracene	--	--	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 - September 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						
		Field Sample ID:	A3-TW-0012582-24245-N-3	A3-TW-0012582-24245-N-4	A3-TW-0012582-24245-3-N-4	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	
		Sample Date:	2024-09-12	2024-09-12	2024-09-12	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02	
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	ND	ND	ND	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	ND	ND	ND	--	--	--	--	--
	Benzo(k)fluoranthene	--	--	ND	ND	ND	--	--	--	--	--
	Chrysene	--	--	ND	ND	ND	--	--	--	--	--
	Dibenz(a,h)anthracene	--	--	ND	ND	ND	--	--	--	--	--
	Fluorene	--	--	ND	ND	ND	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	ND	ND	--	--	--	--	--
	Naphthalene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	ND	ND	--	--	--	--	--
	Pyrene	--	--	ND	ND	ND	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	--	ND	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	--	ND	--	ND
	Cumene	--	--	ND	ND	ND	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	ND	ND	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND
	n-Butylbenzene	--	--	ND	ND	ND	--	--	--	--	--
	n-Propylbenzene	--	--	ND	ND	ND	--	--	--	--	--
	o-Xylene	--	--	ND	ND	ND	ND	--	ND	--	ND
sec-Butylbenzene	--	--	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 - September 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					
		Field Sample ID:	A3-TW-0012582-24245-N-3	A3-TW-0012582-24245-N-4	A3-TW-0012582-24245-3-N-4	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
		Sample Date:	2024-09-12	2024-09-12	2024-09-12	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-07-02
		Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	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)	tert-Butylbenzene	--	--	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	--	--	0.420	0.350	0.370	ND	--	ND	--
	Chloroform	--	--	ND	ND	ND	ND	--	ND	--
	Dibromochloromethane	--	--	0.280	0.260	0.260	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.700	0.610	0.630	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 - September 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24183-N-1	A3-TW-0012569-24183-N-1-H	A3-TW-0012569-24183-N-2	A3-TW-0012569-24183-N-2-H	A3-TW-0012569-24214-N-1	A3-TW-0012569-24214-N-1-H	A3-TW-0012569-24214-N-4	A3-TW-0012569-24214-N-4-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-15	2024-08-15	2024-08-15	2024-08-15
				Sample Type:	N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	21.0	ND	ND	15.0	32.0	3.00	37.0	
Field Test (ppb)	Free Chlorine	4000	MCL	460	140	380	120	510	100	510	220	
Field Test (pH)	pH	--	--	7.33	8.95	7.49	8.58	7.22	7.81	7.22	7.83	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.290	0.260	0.290	0.260	0.280	0.260	0.270	
Field Test (degrees Celcius)	Temperature	--	--	29.2	36.3	28.6	37.3	29.3	40.8	29.3	41.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.330	0.0950	0.110	0.130	1.26	0.00	1.26	1.69	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52200	--	50600	--	54000	--	55200	--	
	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	62.8	--	45.7	--	44.3	--	41.4	--	
	Lead	15	MCL	0.220	--	0.270	--	0.220	--	0.180	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Acenaphthylene	--	--	--	--	--	--	ND	--	ND	--	
	Anthracene	--	--	--	--	--	--	ND	--	ND	--	

Summary of Chemistry Results
Zone A3
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24183-N-1	A3-TW-0012569-24183-N-1-H	A3-TW-0012569-24183-N-2	A3-TW-0012569-24183-N-2-H	A3-TW-0012569-24214-N-1	A3-TW-0012569-24214-N-1-H	A3-TW-0012569-24214-N-4	A3-TW-0012569-24214-N-4-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-15	2024-08-15	2024-08-15	2024-08-15
				Sample Type:	N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	0.0180	--	ND	--	ND	--	ND	--	
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	ND	--	
	Benzo(g,h,i)perylene	--	--	--	--	--	--	ND	--	ND	--	
	Benzo(k)fluoranthene	--	--	--	--	--	--	ND	--	ND	--	
	Chrysene	--	--	--	--	--	--	ND	--	ND	--	
	Dibenz(a,h)anthracene	--	--	--	--	--	--	ND	--	ND	--	
	Fluorene	--	--	--	--	--	--	ND	--	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	ND	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	
	Phenanthrene	--	--	--	--	--	--	ND	--	ND	--	
Pyrene	--	--	--	--	--	--	ND	--	ND	--		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	
	Cumene	--	--	--	--	--	--	ND	--	ND	--	
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	n-Butylbenzene	--	--	--	--	--	--	ND	--	ND	--	
	n-Propylbenzene	--	--	--	--	--	--	ND	--	ND	--	
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	ND	--	

Summary of Chemistry Results

Zone A3

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

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				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24183-N-1	A3-TW-0012569-24183-N-1-H	A3-TW-0012569-24183-N-2	A3-TW-0012569-24183-N-2-H	A3-TW-0012569-24214-N-1	A3-TW-0012569-24214-N-1-H	A3-TW-0012569-24214-N-4	A3-TW-0012569-24214-N-4-H
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-07-02	2024-08-15	2024-08-15	2024-08-15	2024-08-15
				Sample Type:	N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	tert-Butylbenzene	--	--	--	--	--	--	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	--

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24214-N-2	A3-TW-0012569-24214-N-2-H	A3-TW-0012569-24214-N-3	A3-TW-0012569-24214-N-3-H	A3-TW-0012569-24214-N-5	A3-TW-0012569-24245-N-1	A3-TW-0012569-24245-N-3	A3-TW-0012569-24245-N-5
				Sample Date:	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-09-11
				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									
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	--	--	8.00	182	18.0	300	4.00	5.00	17.0	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	550	90.0	630	170	530	430	490	480	
Field Test (pH)	pH	--	--	7.25	7.81	7.46	7.82	7.41	7.20	7.21	7.31	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.280	0.250	0.260	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	28.0	41.6	27.4	41.6	28.3	28.9	30.0	29.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	0.0500	1.17	1.44	1.45	1.67	1.51	1.30	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	--	56500	--	53700	55900	55800	56800	
	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	30.1	--	31.4	--	31.8	67.5	58.8	33.2	
	Lead	15	MCL	0.200	--	0.180	--	0.360	0.340	0.380	0.630	
	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	
	Acenaphthylene	--	--	ND	--	ND	--	ND	ND	ND	ND	
	Anthracene	--	--	ND	--	ND	--	ND	ND	ND	ND	

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24214-N-2	A3-TW-0012569-24214-N-2-H	A3-TW-0012569-24214-N-3	A3-TW-0012569-24214-N-3-H	A3-TW-0012569-24214-N-5	A3-TW-0012569-24245-N-1	A3-TW-0012569-24245-N-3	A3-TW-0012569-24245-N-5
				Sample Date:	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-09-11
				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									
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Chrysene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Fluorene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Pyrene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Cumene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	n-Propylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
sec-Butylbenzene	--	--	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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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 - September 2024 from Schools in Zone A3

				A3-IROQ5111								
				School								
				Iroquois Point Pre-School, 5111 Iroquois Ave								
				Field Sample ID:	A3-TW-0012569-24214-N-2	A3-TW-0012569-24214-N-2-H	A3-TW-0012569-24214-N-3	A3-TW-0012569-24214-N-3-H	A3-TW-0012569-24214-N-5	A3-TW-0012569-24245-N-1	A3-TW-0012569-24245-N-3	A3-TW-0012569-24245-N-5
				Sample Date:	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-09-11	2024-09-11	2024-09-11
				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)	tert-Butylbenzene	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	--	ND	--	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	ND	ND	ND	ND

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

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Parts per Million (ppm)
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§ - Exceeds Screening Level
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 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-0012569-24245-N-1-H	A3-TW-0012569-24245-N-2	A3-TW-0012569-24245-N-2-H	A3-TW-0012569-24245-N-3-H	A3-TW-0012569-24245-N-4	A3-TW-0012569-24245-N-4-H
		Sample Date:		2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11
		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	--
	E. coli	--	--	--	Absent	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	125	1.00	300	300	3.00	300
Field Test (ppb)	Free Chlorine	4000	MCL	310	480	90.0	150	490	170
Field Test (pH)	pH	--	--	7.70	7.27	7.65	7.81	7.24	7.82
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.260	0.300	0.280	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	38.8	29.1	41.1	39.9	29.8	38.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.540	2.76	0.380	0.420	0.0170
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57000	--	--	55900	--
	Total Organic Carbon	--	--	--	ND	--	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	--	ND	--
Metals (ppb)	Copper	1300	MCL	--	55.2	--	--	54.4	--
	Lead	15	MCL	--	0.440	--	--	0.240	--
	Mercury	2	MCL	--	ND	--	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	--	ND	--
	2-Methylnaphthalene	--	--	--	ND	--	--	ND	--
	Acenaphthylene	--	--	--	ND	--	--	ND	--
	Anthracene	--	--	--	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 - September 2024 from Schools in Zone A3

				A3-IROQ5111						
				School						
				Iroquois Point Pre-School, 5111 Iroquois Ave						
				Field Sample ID:	A3-TW-0012569-24245-N-1-H	A3-TW-0012569-24245-N-2	A3-TW-0012569-24245-N-2-H	A3-TW-0012569-24245-N-3-H	A3-TW-0012569-24245-N-4	A3-TW-0012569-24245-N-4-H
				Sample Date:	2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11
				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							
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	--	ND	--	--	ND	--	
	Benzo(b)fluoranthene	--	--	--	ND	--	--	ND	--	
	Benzo(g,h,i)perylene	--	--	--	ND	--	--	ND	--	
	Benzo(k)fluoranthene	--	--	--	ND	--	--	ND	--	
	Chrysene	--	--	--	ND	--	--	ND	--	
	Dibenz(a,h)anthracene	--	--	--	ND	--	--	ND	--	
	Fluorene	--	--	--	ND	--	--	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	--	ND	--	
	Naphthalene	--	--	--	ND	--	--	ND	--	
	Phenanthrene	--	--	--	ND	--	--	ND	--	
	Pyrene	--	--	--	ND	--	--	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	--	ND	--	
	1,3,5-Trimethylbenzene	--	--	--	ND	--	--	ND	--	
	Benzene	5	MCL	--	ND	--	--	ND	--	
	Cumene	--	--	--	ND	--	--	ND	--	
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	
	m,p-Xylene	--	--	--	ND	--	--	ND	--	
	n-Butylbenzene	--	--	--	ND	--	--	ND	--	
	n-Propylbenzene	--	--	--	ND	--	--	ND	--	
	o-Xylene	--	--	--	ND	--	--	ND	--	
sec-Butylbenzene	--	--	--	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 - September 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-0012569-24245-N-1-H	A3-TW-0012569-24245-N-2	A3-TW-0012569-24245-N-2-H	A3-TW-0012569-24245-N-3-H	A3-TW-0012569-24245-N-4	A3-TW-0012569-24245-N-4-H
		Sample Date:		2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11	2024-09-11
		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)	tert-Butylbenzene	--	--	--	ND	--	--	ND	--
	Toluene	1000	MCL	--	ND	--	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--	ND	--
	Bromoform	--	--	--	ND	--	--	ND	--
	Chloroform	--	--	--	ND	--	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--

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

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

		Location ID:	A3-HYD0343	A3-HYD0378	A3-HYD0556	A3-HYD0560	A3-HYD0665	A3-HYD1084	A3-HYD1426	
		Location Type:	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	
		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-0000504-24214 -N
		Sample Date:	2024-07-11	2024-07-02	2024-07-09	2024-07-09	2024-07-02	2024-07-11	2024-07-29	2024-08-07
		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	13.0
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
	Total Organic Carbon	--	--	--	--	--	--	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	--	--	--	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	--	--	--	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	--	--	--	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	--	--	--	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	--	--	--	--	ND
	2-Methylnaphthalene	--	--	--	--	--	--	--	--	ND
	Acenaphthylene	--	--	--	--	--	--	--	--	ND
	Anthracene	--	--	--	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	--	--	--	--	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	ND
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	ND
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	ND
Chrysene	--	--	--	--	--	--	--	--	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 - September 2024 from Hydrants in Zone A3

		Location ID:	A3-HYD0343	A3-HYD0378	A3-HYD0556	A3-HYD0560	A3-HYD0665	A3-HYD1084	A3-HYD1426	
		Location Type:	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	
		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-0000504-24214 -N
		Sample Date:	2024-07-11	2024-07-02	2024-07-09	2024-07-09	2024-07-02	2024-07-11	2024-07-29	2024-08-07
		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							
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	--	--	--	--	--	ND
	Fluorene	--	--	--	--	--	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	--	--	--	--	ND
	Naphthalene	--	--	--	--	--	--	--	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	ND	ND
	Benzene	5	MCL	--	--	--	--	--	ND	ND
	Cumene	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	--	--	--	--	ND	ND
	m,p-Xylene	--	--	--	--	--	--	--	ND	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	--	--	--	--	ND	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	ND
	Toluene	1000	MCL	--	--	--	--	--	ND	ND
	Xylenes, Total	10000	MCL	--	--	--	--	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	--	--	--	ND	ND
	Bromoform	--	--	--	--	--	--	--	0.630	0.440
	Chloroform	--	--	--	--	--	--	--	ND	ND
	Dibromochloromethane	--	--	--	--	--	--	--	0.530	0.330

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HYD0343	A3-HYD0378	A3-HYD0556	A3-HYD0560	A3-HYD0665	A3-HYD1084	A3-HYD1426	
				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	
				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-0000504-24214 -N
				Sample Date:	2024-07-11	2024-07-02	2024-07-09	2024-07-09	2024-07-02	2024-07-11	2024-07-29	2024-08-07
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Total Trihalomethanes	80	MCL	--	--	--	--	--	--	--	1.16	0.770

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 - September 2024 from Hydrants in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HYD1743			A3-HYD2499				
				A3-HYD1426	Hydrant			Hydrant				
				Location Type:	A3-SA-JFH-44			FH752				
				Address:	A3-SA-JFH-44			FH752				
				Field Sample ID:	A3-DL-0000504-24245	A3-DL-0017762-24183	A3-DL-0017762-24214	A3-DL-0017762-24214	A3-DL-0017762-24245	A3-DL-0017763-24183	A3-DL-0017763-24214	A3-DL-0017763-24245
				Sample Date:	-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Type:	2024-09-11	2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-07	2024-09-11
					N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	3.00	ND	76.0	6.00	74.0	ND	3.00	5.00	
Field Test (ppb)	Free Chlorine	4000	MCL	500	690	520	--	490	460	250	500	
Field Test (pH)	pH	--	--	7.24	6.93	7.41	--	7.14	7.27	7.32	7.24	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.240	0.230	--	0.260	0.250	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	27.1	26.4	24.8	--	24.9	31.9	31.0	29.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.86	1.25	0.800	--	0.370	1.53	1.22	1.21	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55500	56500	58900	56700	56400	58700	57300	55300	
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Acenaphthylene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Anthracene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(b)fluoranthene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Benzo(g,h,i)perylene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Benzo(k)fluoranthene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Chrysene	--	--	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 - September 2024 from Hydrants in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HYD1743			A3-HYD2499				
				A3-HYD1426	Hydrant			Hydrant				
				Hydrant	A3-SA-JFH-44			FH752				
				Address:	A3-SA-JFH-44			FH752				
				Field Sample ID:	A3-DL-0000504-24245	A3-DL-0017762-24183	A3-DL-0017762-24214	A3-DL-0017762-24214	A3-DL-0017762-24245	A3-DL-0017763-24183	A3-DL-0017763-24214	A3-DL-0017763-24245
				Sample Date:	-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Type:	2024-09-11	2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-07	2024-09-11
					N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Fluorene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Phenanthrene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Pyrene	--	--	ND	--	ND	ND	ND	--	ND	ND	
	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)		--	--	ND	--	--	--	ND	--	--	ND	
1,3,5-Trimethylbenzene		--	--	ND	ND	ND	ND	ND	ND	ND	ND	
2-(2-Methoxy ethoxy)ethanol		--	--	ND	--	--	--	ND	--	--	ND	
Benzene		5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Cumene		--	--	ND	--	ND	ND	ND	--	ND	ND	
Ethylbenzene		700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
m,p-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND	
n-Butylbenzene		--	--	ND	--	ND	ND	ND	--	ND	ND	
n-Propylbenzene		--	--	ND	--	ND	ND	ND	--	ND	ND	
o-Xylene		--	--	ND	ND	ND	ND	ND	ND	ND	ND	
sec-Butylbenzene		--	--	ND	--	ND	ND	ND	--	ND	ND	
tert-Butylbenzene		--	--	ND	--	ND	ND	ND	--	ND	ND	
Toluene		1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total		10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	1.20	0.870	ND	
	Bromoform	--	--	0.390	ND	ND	ND	ND	4.00	4.30	0.720	

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 - September 2024 from Hydrants in Zone A3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	A3-HYD1743			A3-HYD2499				
				A3-HYD1426	Hydrant			Hydrant				
				Address:	A3-SA-JFH-44			FH752				
				Field Sample ID:	A3-DL-0000504-24245	A3-DL-0017762-24183	A3-DL-0017762-24214	A3-DL-0017762-24214	A3-DL-0017762-24245	A3-DL-0017763-24183	A3-DL-0017763-24214	A3-DL-0017763-24245
				Sample Date:	2024-09-11	2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-07	2024-09-11
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	0.370	ND	ND	
	Dibromochloromethane	--	--	0.290	0.250	ND	ND	ND	3.40	2.60	0.490	
	Total Trihalomethanes	80	MCL	0.680	0.250	ND	ND	ND	8.97	7.77	1.21	

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 - September 2024 from Hydrants in Zone A3

		A3-HYD663				A3-HYD664					
		Hydrant				Hydrant					
		SA-JFH-52				SA-JFH-4					
		A3-DL-0017764-24183	A3-DL-0017764-24214	A3-DL-0017764-24214	A3-DL-0017764-24245	A3-DL-0017765-24183	A3-DL-0017765-24214	A3-DL-0017765-24214	A3-DL-0017765-24245		
		-N	-N	-3-N	-N	-N	-N	-3-N	-N		
		2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-14	2024-08-14	2024-09-11		
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent		
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	2.00	1.00	4.00	ND	4.00	6.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	610	450	--	160	660	460	--	440
Field Test (pH)	pH	--	--	6.96	7.12	--	7.26	7.00	7.19	--	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	--	0.260	0.240	0.250	--	0.260
Field Test (degrees Celcius)	Temperature	--	--	28.0	25.6	--	26.1	25.5	25.2	--	24.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.69	0.900	--	0.540	0.770	0.500	--	1.16
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59800	58600	60100	55900	58000	63500	56600	56700
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Anthracene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0210	ND	ND	ND	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	ND
Chrysene	--	--	--	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 - September 2024 from Hydrants in Zone A3

		A3-HYD663				A3-HYD664					
		Hydrant				Hydrant					
		SA-JFH-52				SA-JFH-4					
		A3-DL-0017764-24183	A3-DL-0017764-24214	A3-DL-0017764-24214	A3-DL-0017764-24245	A3-DL-0017765-24183	A3-DL-0017765-24214	A3-DL-0017765-24214	A3-DL-0017765-24245		
		-N	-N	-3-N	-N	-N	-N	-3-N	-N		
		2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-14	2024-08-14	2024-09-11		
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Fluorene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Pyrene	--	--	--	ND	ND	ND	--	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	--	ND	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	--	ND	--	--	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	ND
	n-Propylbenzene	--	--	--	ND	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	ND
	tert-Butylbenzene	--	--	--	ND	ND	ND	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HYD663				A3-HYD664			
				Field Sample ID	Sample Date	Sample Type	Result	Field Sample ID	Sample Date	Sample Type	Result
				Location ID: A3-HYD663				Location ID: A3-HYD664			
				Location Type: Hydrant				Location Type: Hydrant			
				Address: SA-JFH-52				Address: SA-JFH-4			
				A3-DL-0017764-24183 -N	A3-DL-0017764-24214 -N	A3-DL-0017764-24214 -3-N	A3-DL-0017764-24245 -N	A3-DL-0017765-24183 -N	A3-DL-0017765-24214 -N	A3-DL-0017765-24214 -3-N	A3-DL-0017765-24245 -N
				2024-07-29	2024-08-07	2024-08-07	2024-09-11	2024-07-29	2024-08-14	2024-08-14	2024-09-11
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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

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

		Location ID:		A3-HYD809			A3-HYD908			A3-HYD920	
		Location Type:		Hydrant			Hydrant			Hydrant	
		Address:		SA-JFH-28			SA-JFH-72			SA-JFH-7	
		Field Sample ID:	A3-DL-0017766-24183	A3-DL-0017766-24214	A3-DL-0017766-24245	A3-DL-0017767-24183	A3-DL-0017767-24214	A3-DL-0017767-24245	A3-DL-0017768-24183	A3-DL-0017768-24214	
		Sample Date:	-N	-N	-N	-N	-N	-N	-N	-N	
		Sample Type:	2024-07-29	2024-08-14	2024-09-11	2024-07-29	2024-08-14	2024-09-11	2024-07-29	2024-08-14	
			N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent							
	E. coli	--	--	Absent							
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	18.0	3.00	4.00	9.00	3.00	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	630	450	460	680	530	340	560	
Field Test (pH)	pH	--	--	7.06	7.19	7.31	7.22	7.12	7.02	7.10	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.260	0.250	0.250	0.260	0.250	
Field Test (degrees Celcius)	Temperature	--	--	25.3	27.2	27.2	25.9	23.6	27.9	27.4	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.310	0.680	1.27	1.37	0.470	3.64	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59400	58500	58900	60800	58900	55700	57700	
	Total Organic Carbon	--	--	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND							
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND							
	Petroleum Hydrocarbons (as Oil)	--	--	ND							
	Petroleum Hydrocarbons, Total	--	--	ND							
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND							
	2-Methylnaphthalene	--	--	ND							
	Acenaphthylene	--	--	--	ND	ND	--	ND	ND	--	
	Anthracene	--	--	--	ND	ND	--	ND	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	0.0120	ND	0.0190	ND	ND	ND	
	Benzo(b)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	
	Benzo(g,h,i)perylene	--	--	--	ND	ND	--	ND	ND	--	
	Benzo(k)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	
Chrysene	--	--	--	ND	ND	--	ND	ND	--		

Summary of Chemistry Results
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone A3

		Location ID: A3-HYD809			Location ID: A3-HYD908			Location ID: A3-HYD920			
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant			
		Address: SA-JFH-28			Address: SA-JFH-72			Address: SA-JFH-7			
		Field Sample ID: A3-DL-0017766-24183	Field Sample ID: A3-DL-0017766-24214	Field Sample ID: A3-DL-0017766-24245	Field Sample ID: A3-DL-0017767-24183	Field Sample ID: A3-DL-0017767-24214	Field Sample ID: A3-DL-0017767-24245	Field Sample ID: A3-DL-0017768-24183	Field Sample ID: A3-DL-0017768-24214		
		-N									
		Sample Date: 2024-07-29	Sample Date: 2024-08-14	Sample Date: 2024-09-11	Sample Date: 2024-07-29	Sample Date: 2024-08-14	Sample Date: 2024-09-11	Sample Date: 2024-07-29	Sample Date: 2024-08-14		
		Sample Type: N (Normal)									
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND	--	ND	ND	--	ND
	Fluorene	--	--	--	ND	ND	--	ND	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	--	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	--	ND	ND	--	ND
	Pyrene	--	--	--	ND	ND	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--	--
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cumene	--	--	--	ND	ND	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	n-Propylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND							
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	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:
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	A3-HYD809			A3-HYD908			A3-HYD920	
				Location ID:	Location Type:	Address:	Location ID:	Location Type:	Address:	Location ID:	Location Type:
				A3-DL-0017766-24183	A3-DL-0017766-24214	A3-DL-0017766-24245	A3-DL-0017767-24183	A3-DL-0017767-24214	A3-DL-0017767-24245	A3-DL-0017768-24183	A3-DL-0017768-24214
				-N							
				2024-07-29	2024-08-14	2024-09-11	2024-07-29	2024-08-14	2024-09-11	2024-07-29	2024-08-14
				N (Normal)							
Trihalomethanes (ppb)	Chloroform	--	--	ND							
	Dibromochloromethane	--	--	ND							
	Total Trihalomethanes	80	MCL	ND							

Summary of Chemistry Results

Zone A3

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

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Result
				Location ID: A3-HYD920 Location Type: Hydrant Address: SA-JFH-7 Field Sample ID: A3-DL-0017768-24245 -N Sample Date: 2024-09-11 Sample Type: N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent
	E. coli	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	500
Field Test (pH)	pH	--	--	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.270
Field Test (degrees Celcius)	Temperature	--	--	33.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.93
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56000
	Total Organic Carbon	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND
	2-Methylnaphthalene	--	--	ND
	Acenaphthylene	--	--	ND
	Anthracene	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Benzo(b)fluoranthene	--	--	ND
	Benzo(g,h,i)perylene	--	--	ND
	Benzo(k)fluoranthene	--	--	ND
	Chrysene	--	--	ND

Summary of Chemistry Results

Zone A3

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

		Location ID:	A3-HYD920
		Location Type:	Hydrant
		Address:	SA-JFH-7
		Field Sample ID:	A3-DL-0017768-24245 -N
		Sample Date:	2024-09-11
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--
	Fluorene	--	--
	Indeno(1,2,3-c,d)pyrene	--	--
	Naphthalene	--	--
	Phenanthrene	--	--
	Pyrene	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--
	1,2-Dibromoethane (EDB)	--	--
	1,3,5-Trimethylbenzene	--	--
	2-(2-Methoxy ethoxy)ethanol	--	--
	Benzene	5	MCL
	Cumene	--	--
	Ethylbenzene	700	MCL
	m,p-Xylene	--	--
	n-Butylbenzene	--	--
	n-Propylbenzene	--	--
	o-Xylene	--	--
	sec-Butylbenzene	--	--
	tert-Butylbenzene	--	--
	Toluene	1000	MCL
Xylenes, Total	10000	MCL	
Trihalomethanes (ppb)	Bromodichloromethane	--	--
	Bromoform	--	--

Summary of Chemistry Results

Zone A3

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

		Location ID:	A3-HYD920
		Location Type:	Hydrant
		Address:	SA-JFH-7
		Field Sample ID:	A3-DL-0017768-24245 -N
		Sample Date:	2024-09-11
		Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level
Trihalomethanes (ppb)	Chloroform	--	--
	Dibromochloromethane	--	--
	Total Trihalomethanes	80	MCL
			ND