

Summary of Chemistry Results

Zone D2

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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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-10TH0207		D2-11TH0118		D2-11TH0120		D2-11TH0206			
		Residence		Residence		Residence		Residence			
		207 10th Street		118 11th Street		120 11th Street		206 11th Street			
		D2-TW-0008313-24092-N	D2-TW-0008313-24092-N-H	D2-TW-0008355-24092-N	D2-TW-0008355-24092-N-H	D2-TW-0008356-24092-N	D2-TW-0008356-24092-N-H	D2-TW-0008364-24092-N	D2-TW-0008364-24092-N-H		
		2024-09-24	2024-09-24	2024-07-09	2024-07-09	2024-08-13	2024-08-13	2024-09-25	2024-09-25		
		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	--	--	14.0	ND	8.00	ND	6.00	ND	10.0	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	270	460	250	140	610	400	570	500
Field Test (pH)	pH	--	--	7.38	7.34	7.28	7.31	7.45	7.46	7.25	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.250	0.260	0.250	0.270	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	22.8	39.6	24.1	44.3	25.1	51.0	27.0	37.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.140	0.00	0.190	0.270	0.360	0.480	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57300	--	55100	--	56900	--	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	21.1	--	30.1	--	39.9	--	93.6	--
	Lead	15	MCL	0.220	--	0.150	--	ND	--	0.250	--
	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	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	--	--	ND	--	ND	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-10TH0207		D2-11TH0118		D2-11TH0120		D2-11TH0206													
				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	--												
	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	--	0.480	--												

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		Location ID: D2-10TH0207		D2-11TH0118		D2-11TH0120		D2-11TH0206			
		Residence		Residence		Residence		Residence			
		Address: 207 10th Street		118 11th Street		120 11th Street		206 11th Street			
		Field Sample ID: D2-TW-0008313-24092-N	D2-TW-0008313-24092-N-H	D2-TW-0008355-24092-N	D2-TW-0008355-24092-N-H	D2-TW-0008356-24092-N	D2-TW-0008356-24092-N-H	D2-TW-0008364-24092-N	D2-TW-0008364-24092-N-H		
		Sample Date: 2024-09-24	2024-09-24	2024-07-09	2024-07-09	2024-08-13	2024-08-13	2024-09-25	2024-09-25		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--	1.20	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	1.10	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	2.78	--

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-11TH0206	D2-12TH0103					D2-12TH0109		D2-13TH0206
		Location Type:	Residence	Residence					Residence		Residence
		Address:	206 11th Street	103 12th Street					109 12th Street		206 13th Street
		Field Sample ID:	D2-TW-0008364-24092-N-R1	D2-TW-0007053-24092-N	D2-TW-0007053-24092-N-H	D2-TW-0007053-24092-3-N	D2-TW-0007053-24092-3-N-H	D2-TW-0008380-24092-N	D2-TW-0008380-24092-N-H	D2-TW-0008395-24092-N-WQI	
		Sample Date:	2024-10-28	2024-08-30	2024-08-30	2024-08-30	2024-08-30	2024-08-13	2024-08-13	2024-08-15	
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	--	8.00	ND	13.0	ND	62.0	ND	50.0
Field Test (ppb)	Free Chlorine	4000	MCL	1050	400	560	--	--	520	270	340
Field Test (pH)	pH	--	--	6.87	7.01	7.07	--	--	7.21	7.27	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	0.270	--	--	0.250	0.270	0.320
Field Test (degrees Celcius)	Temperature	--	--	23.2	26.3	40.3	--	--	26.2	48.4	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.830	0.450	--	--	0.350	0.00	2.43
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51700	--	52500	--	56300	--	56100
	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	--	2.90	--	9.80
	Lead	15	MCL	--	ND	--	ND	--	0.190	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	ND	ND	--	ND	--	ND	--	ND
	Anthracene	--	--	ND	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0150	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	ND	ND	--	ND	--	ND	--	ND

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		Location ID:	D2-11TH0206	D2-12TH0103				D2-12TH0109		D2-13TH0206	
		Location Type:	Residence	Residence				Residence		Residence	
		Address:	206 11th Street	103 12th Street				109 12th Street		206 13th Street	
		Field Sample ID:	D2-TW-0008364-24092-N-R1	D2-TW-0007053-24092-N	D2-TW-0007053-24092-N-H	D2-TW-0007053-24092-3-N	D2-TW-0007053-24092-3-N-H	D2-TW-0008380-24092-N	D2-TW-0008380-24092-N-H	D2-TW-0008395-24092-N-WQI	
		Sample Date:	2024-10-28	2024-08-30	2024-08-30	2024-08-30	2024-08-30	2024-08-13	2024-08-13	2024-08-15	
		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	ND	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	ND	ND	--	ND	--	ND	--	ND
	Chrysene	--	--	ND	ND	--	ND	--	ND	--	ND
	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
	Phenanthrene	--	--	ND	ND	--	ND	--	ND	--	ND
	Pyrene	--	--	ND	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-12TH0103				D2-12TH0109		D2-13TH0206	
				D2-11TH0206	Residence				Residence		Residence	
				Address:	103 12th Street				109 12th Street		206 13th Street	
				Field Sample ID:	D2-TW-0008364-24092-N-R1	D2-TW-0007053-24092-N	D2-TW-0007053-24092-N-H	D2-TW-0007053-24092-3-N	D2-TW-0007053-24092-3-N-H	D2-TW-0008380-24092-N	D2-TW-0008380-24092-N-H	D2-TW-0008395-24092-N-WQI
				Sample Date:	2024-10-28	2024-08-30	2024-08-30	2024-08-30	2024-08-30	2024-08-13	2024-08-13	2024-08-15
				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	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	

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		Location ID:		D2-13TH0206					D2-13TH0212C		
		Location Type:		Residence					Residence		
		Address:		206 13th Street					212C 13th Street		
		Field Sample ID:		D2-TW-0008395-24092-N-1-H-WQI	D2-TW-0008395-24092-N-1-WQI	D2-TW-0008395-24092-N-2-H-WQI	D2-TW-0008395-24092-N-2-WQI	D2-TW-0008395-24092-N-H-WQI	D2-TW-0007526-24092-N	D2-TW-0007526-24092-N-H	D2-TW-0007526-24092-N-R1
		Sample Date:		2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-13	2024-08-13	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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	--	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	15.0	14.0	18.0	3.00	5.00	1.00	22.0	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	770	460	240	420	220	580	30.0	460
Field Test (pH)	pH	--	--	7.57	7.27	7.59	7.31	7.44	7.22	8.61	7.11
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.280	0.290	0.280	0.300	0.250	0.280	0.250
Field Test (degrees Celcius)	Temperature	--	--	39.4	27.8	39.9	27.6	35.6	26.2	39.1	26.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.820	0.700	0.240	0.430	3.49	1.03	0.160	0.410
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55500	--	--	--	57100	--	--
	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	--	21.6	--	--	--	18.8	--	--
	Lead	15	MCL	--	0.420	--	--	--	0.220	--	--
	Mercury	2	MCL	--	ND	--	--	--	ND	--	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	--	--	ND	--	--
	2-Methylnaphthalene	--	--	--	ND	--	--	--	ND	--	--
	Acenaphthylene	--	--	--	ND	--	--	--	ND	--	--
	Anthracene	--	--	--	ND	--	--	--	ND	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	--	--	ND	--	--
	Benzo(b)fluoranthene	--	--	--	ND	--	--	--	ND	--	--

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		Location ID: D2-13TH0206			D2-13TH0206			D2-13TH0212C		
		Location Type: Residence			Residence			Residence		
		Address: 206 13th Street			206 13th Street			212C 13th Street		
		Field Sample ID:	D2-TW-0008395-24092-N-1-H-WQI	D2-TW-0008395-24092-N-1-WQI	D2-TW-0008395-24092-N-2-H-WQI	D2-TW-0008395-24092-N-2-WQI	D2-TW-0008395-24092-N-H-WQI	D2-TW-0007526-24092-N	D2-TW-0007526-24092-N-H	D2-TW-0007526-24092-N-R1
		Sample Date:	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-15	2024-08-13	2024-08-13	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	--	--
	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	--	--
	tert-Butylbenzene	--	--	--	ND	--	--	ND	--	--
	Toluene	1000	MCL	--	ND	--	--	ND	--	--
Xylenes, Total	10000	MCL	--	ND	--	--	ND	--	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--	ND	--	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D2-13TH0206					Location ID: D2-13TH0212C		
				Address: 206 13th Street					Address: 212C 13th Street		
				Field Sample ID: D2-TW-0008395-24092-N-1-H-WQI	Field Sample ID: D2-TW-0008395-24092-N-1-WQI	Field Sample ID: D2-TW-0008395-24092-N-2-H-WQI	Field Sample ID: D2-TW-0008395-24092-N-2-WQI	Field Sample ID: D2-TW-0008395-24092-N-H-WQI	Field Sample ID: D2-TW-0007526-24092-N	Field Sample ID: D2-TW-0007526-24092-N-H	Field Sample ID: D2-TW-0007526-24092-N-R1
				Sample Date: 2024-08-15	Sample Date: 2024-08-15	Sample Date: 2024-08-15	Sample Date: 2024-08-15	Sample Date: 2024-08-15	Sample Date: 2024-08-13	Sample Date: 2024-08-13	Sample Date: 2024-08-16
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	--	--	ND	--	--
	Chloroform	--	--	--	ND	--	--	--	ND	--	--
	Dibromochloromethane	--	--	--	ND	--	--	--	ND	--	--
	Total Trihalomethanes	80	MCL	--	ND	--	--	--	ND	--	--

Summary of Chemistry Results
Zone D2
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 D2

		Location ID:		D2-15TH0203E		D2-15TH0206		D2-16TH0214		D2-18TH0144	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		203E 15th Street		206 15th Street		214 16th Street		144 18th Street	
		Field Sample ID:		D2-TW-0007488-24092-N	D2-TW-0007488-24092-N-H	D2-TW-0007105-24092-N	D2-TW-0007105-24092-N-H	D2-TW-0007823-24092-N-H-WQI	D2-TW-0007823-24092-N-WQI	D2-TW-0007125-24092-N	D2-TW-0007125-24092-N-H
		Sample Date:		2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-09	2024-08-09	2024-09-25	2024-09-25
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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	2.00	5.00	4.00	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	440	330	510	320	140	690	630	70.0
Field Test (pH)	pH	--	--	7.19	7.35	7.39	7.48	7.26	7.10	7.34	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.230	0.270	0.260	0.240	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.3	39.2	27.8	42.4	43.1	24.1	26.9	41.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.49	0.00	0.460	0.510	0.00	0.00	0.150	0.0640
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51000	--	53800	--	--	56800	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	14.1	--	10.5	--	--	3.50	81.9	--
	Lead	15	MCL	ND	--	ND	--	--	ND	ND	--
	Mercury	2	MCL	ND	--	ND	--	--	ND	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	--	ND	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	--	ND	ND	--
	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 D2

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 D2

		Location ID: D2-15TH0203E		D2-15TH0206		D2-16TH0214		D2-18TH0144		
		Residence		Residence		Residence		Residence		
		203E 15th Street		206 15th Street		214 16th Street		144 18th Street		
		Field Sample ID:	D2-TW-0007488-24092-N	D2-TW-0007488-24092-N-H	D2-TW-0007105-24092-N	D2-TW-0007105-24092-N-H	D2-TW-0007823-24092-N-H-WQI	D2-TW-0007823-24092-N-WQI	D2-TW-0007125-24092-N	D2-TW-0007125-24092-N-H
		Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-09	2024-08-09	2024-09-25	2024-09-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-15TH0203E		D2-15TH0206		D2-16TH0214		D2-18TH0144	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				D2-TW-0007488-24092-N	D2-TW-0007488-24092-N-H	D2-TW-0007105-24092-N	D2-TW-0007105-24092-N-H	D2-TW-0007823-24092-N-H-WQI	D2-TW-0007823-24092-N-WQI	D2-TW-0007125-24092-N	D2-TW-0007125-24092-N-H
				2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-09	2024-08-09	2024-09-25	2024-09-25
				N (Normal)	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 D2

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 D2

		Location ID: D2-19TH0022		D2-19TH0109		D2-19TH0110		D2-19TH0111			
		Residence		Residence		Residence		Residence			
		22 19th Street		109 19th Street		110 19th Street		111 19th Street			
		D2-TW-0007249-24092-N	D2-TW-0007249-24092-N-H	D2-TW-0008293-24092-N	D2-TW-0008293-24092-N-H	D2-TW-0008294-24092-N	D2-TW-0008294-24092-N-H	D2-TW-0008295-24092-N	D2-TW-0008295-24092-N-H		
		2024-08-19	2024-08-19	2024-07-09	2024-07-09	2024-08-19	2024-08-19	2024-08-27	2024-08-27		
		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	--	--	12.0	ND	10.0	ND	12.0	5.00	1.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	230	480	370	670	370	180	540	180
Field Test (pH)	pH	--	--	7.06	7.01	7.07	7.22	7.28	7.12	7.26	6.96
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.260	0.270	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	29.1	44.4	26.4	43.2	26.3	40.5	25.0	47.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.740	0.00	0.190	0.240	0.00	0.00	0.160	0.630
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56400	--	53500	--	54100	--	52800	--
	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	45.7	--	31.1	--	70.5	--	33.1	--
	Lead	15	MCL	ND	--	ND	--	0.160	--	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-19TH0022		D2-19TH0109		D2-19TH0110		D2-19TH0111			
		Residence		Residence		Residence		Residence			
		22 19th Street		109 19th Street		110 19th Street		111 19th Street			
		Field Sample ID: D2-TW-0007249-24092-N	D2-TW-0007249-24092-N-H	D2-TW-0008293-24092-N	D2-TW-0008293-24092-N-H	D2-TW-0008294-24092-N	D2-TW-0008294-24092-N-H	D2-TW-0008295-24092-N	D2-TW-0008295-24092-N-H		
		Sample Date: 2024-08-19	2024-08-19	2024-07-09	2024-07-09	2024-08-19	2024-08-19	2024-08-27	2024-08-27		
		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	--

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		Location ID: D2-19TH0022		D2-19TH0109		D2-19TH0110		D2-19TH0111	
		Residence		Residence		Residence		Residence	
		Address: 22 19th Street		109 19th Street		110 19th Street		111 19th Street	
		Field Sample ID: D2-TW-0007249-24092-N	D2-TW-0007249-24092-N-H	D2-TW-0008293-24092-N	D2-TW-0008293-24092-N-H	D2-TW-0008294-24092-N	D2-TW-0008294-24092-N-H	D2-TW-0008295-24092-N	D2-TW-0008295-24092-N-H
		Sample Date: 2024-08-19	2024-08-19	2024-07-09	2024-07-09	2024-08-19	2024-08-19	2024-08-27	2024-08-27
		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	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-19TH0114		D2-19TH0123		D2-19TH0133		D2-19TH0154			
		Residence		Residence		Residence		Residence			
		114 19th Street		123 19th Street		133 19th Street		154 19th Street			
		D2-TW-0008297-24092-N	D2-TW-0008297-24092-N-H	D2-TW-0008303-24092-N	D2-TW-0008303-24092-N-H	D2-TW-0007108-24092-N	D2-TW-0007108-24092-N-H	D2-TW-0007122-24092-N	D2-TW-0007122-24092-N-H		
		2024-07-09	2024-07-09	2024-09-24	2024-09-24	2024-07-10	2024-07-10	2024-08-21	2024-08-21		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--		
	E. coli	--	--	Absent	--	Absent	--	Absent	--		
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	40.0	2.00	15.0	ND	ND	5.00	12.0	
Field Test (ppb)	Free Chlorine	4000	MCL	220	530	500	10.0	150	80.0	470	460
Field Test (pH)	pH	--	--	7.08	6.99	7.22	7.18	7.05	6.92	7.21	7.44
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.270	0.260	0.280	0.250	0.270	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	27.4	46.1	26.5	51.9	26.2	51.5	27.1	39.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.860	0.270	0.110	0.120	0.390	0.150	1.20	0.580
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53400	--	57700	--	56400	--	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	59.4	--	64.8	--	34.2	--	65.5	--
	Lead	15	MCL	ND	--	0.180	--	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	0.0150	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	ND	--	--	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-19TH0114		D2-19TH0123		D2-19TH0133		D2-19TH0154			
		Residence		Residence		Residence		Residence			
		114 19th Street		123 19th Street		133 19th Street		154 19th Street			
		D2-TW-0008297-24092-N	D2-TW-0008297-24092-N-H	D2-TW-0008303-24092-N	D2-TW-0008303-24092-N-H	D2-TW-0007108-24092-N	D2-TW-0007108-24092-N-H	D2-TW-0007122-24092-N	D2-TW-0007122-24092-N-H		
		2024-07-09	2024-07-09	2024-09-24	2024-09-24	2024-07-10	2024-07-10	2024-08-21	2024-08-21		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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 D2

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 D2

		Location ID: D2-19TH0114		D2-19TH0123		D2-19TH0133		D2-19TH0154	
		Residence		Residence		Residence		Residence	
		Address: 114 19th Street		Address: 123 19th Street		Address: 133 19th Street		Address: 154 19th Street	
		Field Sample ID: D2-TW-0008297-24092-N	Field Sample ID: D2-TW-0008297-24092-N-H	Field Sample ID: D2-TW-0008303-24092-N	Field Sample ID: D2-TW-0008303-24092-N-H	Field Sample ID: D2-TW-0007108-24092-N	Field Sample ID: D2-TW-0007108-24092-N-H	Field Sample ID: D2-TW-0007122-24092-N	Field Sample ID: D2-TW-0007122-24092-N-H
		Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-09-24	Sample Date: 2024-09-24	Sample Date: 2024-07-10	Sample Date: 2024-07-10	Sample Date: 2024-08-21	Sample Date: 2024-08-21
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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 D2
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 D2

		Location ID: D2-19TH0174		D2-19TH0188		D2-19TH0192		D2-19TH0204			
		Residence		Residence		Residence		Residence			
		174 19th Street		188 19th Street		192 19th Street		204 19th Street			
		D2-TW-0007444-24092-N	D2-TW-0007444-24092-N-H	D2-TW-0007451-24092-N	D2-TW-0007451-24092-N-H	D2-TW-0007307-24092-N	D2-TW-0007307-24092-N-H	D2-TW-0007835-24092-N	D2-TW-0007835-24092-N-H		
		2024-07-31	2024-07-31	2024-07-30	2024-07-30	2024-08-21	2024-08-21	2024-08-30	2024-08-30		
		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	12.0	30.0	1.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	680	580	350	110	580	240	450	120
Field Test (pH)	pH	--	--	7.60	7.35	7.39	8.63	7.27	7.31	7.29	7.42
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.290	0.240	0.280	0.590	0.260	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.3	43.7	25.0	37.9	24.4	44.4	26.8	38.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00420	0.0910	0.140	0.710	0.610	0.470	0.400	0.190
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55200	--	56200	--	55900	--	52400	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	24.6	--	63.4	--	44.7	--	50.9	--
	Lead	15	MCL	ND	--	ND	--	ND	--	0.230	--
	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	--	0.0150	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

		Location ID: D2-19TH0174		Location ID: D2-19TH0188		Location ID: D2-19TH0192		Location ID: D2-19TH0204	
		Residence		Residence		Residence		Residence	
		174 19th Street		188 19th Street		192 19th Street		204 19th Street	
		D2-TW-0007444-24092-N	D2-TW-0007444-24092-N-H	D2-TW-0007451-24092-N	D2-TW-0007451-24092-N-H	D2-TW-0007307-24092-N	D2-TW-0007307-24092-N-H	D2-TW-0007835-24092-N	D2-TW-0007835-24092-N-H
		2024-07-31	2024-07-31	2024-07-30	2024-07-30	2024-08-21	2024-08-21	2024-08-30	2024-08-30
		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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-19TH0174		D2-19TH0188		D2-19TH0192		D2-19TH0204	
		Residence		Residence		Residence		Residence	
		Address: 174 19th Street		Address: 188 19th Street		Address: 192 19th Street		Address: 204 19th Street	
		Field Sample ID: D2-TW-0007444-24092-N	Field Sample ID: D2-TW-0007444-24092-N-H	Field Sample ID: D2-TW-0007451-24092-N	Field Sample ID: D2-TW-0007451-24092-N-H	Field Sample ID: D2-TW-0007307-24092-N	Field Sample ID: D2-TW-0007307-24092-N-H	Field Sample ID: D2-TW-0007835-24092-N	Field Sample ID: D2-TW-0007835-24092-N-H
		Sample Date: 2024-07-31	Sample Date: 2024-07-31	Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-08-21	Sample Date: 2024-08-21	Sample Date: 2024-08-30	Sample Date: 2024-08-30
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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 D2
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-19TH0211		D2-19TH0211		D2-1ST0108		D2-1ST0124		D2-20TH0100	
		Residence		Residence		Residence		Residence		Residence	
		211 19th Street		108 1st Street		108 1st Street		124 1st Street		100 20th Street	
		D2-TW-0007841-24092-N	D2-TW-0007841-24092-N-H	D2-TW-0007730-24092-N-H-WQI	D2-TW-0007730-24092-N-WQI	D2-TW-0007904-24092-N	D2-TW-0007904-24092-N-H	D2-TW-0007908-24092-N	D2-TW-0007908-24092-N-H	D2-TW-0007908-24092-N	D2-TW-0007908-24092-N-H
		2024-08-27	2024-08-27	2024-07-02	2024-07-02	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	Absent	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	40.0	ND	ND	ND	ND	ND	6.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	490	120	420	200	420	180	490	250
Field Test (pH)	pH	--	--	7.32	7.30	7.37	7.28	7.10	7.00	7.41	7.37
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.290	0.260	0.250	0.250	0.270	0.240	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.5	38.3	44.6	24.9	25.4	53.1	26.4	49.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.260	0.620	0.520	0.490	0.170	0.130	0.440	0.600
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53700	--	--	52800	54900	--	52500	--
	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	36.1	--	--	49.4	45.1	--	65.5	--
	Lead	15	MCL	ND	--	--	0.270	0.150	--	0.630	--
	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 D2

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
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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 D2

		Location ID: D2-19TH0211		D2-1ST0108		D2-1ST0124		D2-20TH0100	
		Residence		Residence		Residence		Residence	
		211 19th Street		108 1st Street		124 1st Street		100 20th Street	
		D2-TW-0007841-24092-N	D2-TW-0007841-24092-N-H	D2-TW-0007730-24092-N-H-WQI	D2-TW-0007730-24092-N-WQI	D2-TW-0007904-24092-N	D2-TW-0007904-24092-N-H	D2-TW-0007908-24092-N	D2-TW-0007908-24092-N-H
		2024-08-27	2024-08-27	2024-07-02	2024-07-02	2024-07-09	2024-07-09	2024-07-09	2024-07-09
		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 D2
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-20TH0105		D2-20TH0105		D2-20TH0106		D2-20TH0121		D2-20TH0124	
		Residence		Residence		Residence		Residence		Residence	
		105 20th Street		106 20th Street		121 20th Street		124 20th Street			
		Field Sample ID:	D2-TW-0007913-24092-N	D2-TW-0007913-24092-N-H	D2-TW-0007914-24092-N	D2-TW-0007914-24092-N-H	D2-TW-0006949-24092-N	D2-TW-0006949-24092-N-H	D2-TW-0006952-24092-N	D2-TW-0006952-24092-N-H	
		Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-20	2024-08-20
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	58.0	9.00
Field Test (ppb)	Free Chlorine	4000	MCL	540	300	390	170	380	380	540	670
Field Test (pH)	pH	--	--	7.13	7.21	7.56	7.33	7.64	7.35	7.17	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.270	0.210	0.270	0.250	0.300
Field Test (degrees Celcius)	Temperature	--	--	27.3	46.9	26.0	48.0	27.2	48.0	25.1	41.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.930	0.00	0.450	0.580	0.190	0.250	0.00	0.0380
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52600	--	54100	--	51200	--	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	34.4	--	91.0	--	85.0	--	44.0	--
	Lead	15	MCL	ND	--	0.470	--	0.160	--	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-20TH0105		D2-20TH0106		D2-20TH0121		D2-20TH0124	
		Residence		Residence		Residence		Residence	
		Address: 105 20th Street		Address: 106 20th Street		Address: 121 20th Street		Address: 124 20th Street	
		Field Sample ID: D2-TW-0007913-24092-N	Field Sample ID: D2-TW-0007913-24092-N-H	Field Sample ID: D2-TW-0007914-24092-N	Field Sample ID: D2-TW-0007914-24092-N-H	Field Sample ID: D2-TW-0006949-24092-N	Field Sample ID: D2-TW-0006949-24092-N-H	Field Sample ID: D2-TW-0006952-24092-N	Field Sample ID: D2-TW-0006952-24092-N-H
		Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-08-20	Sample Date: 2024-08-20
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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	--
	Phenanthrene	--	--	--	--	--	--	ND	--
	Pyrene	--	--	--	--	--	--	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	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	--	--	--	ND	--
	n-Propylbenzene	--	--	--	--	--	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	--	--	--	ND	--
	tert-Butylbenzene	--	--	--	--	--	--	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-20TH0105		D2-20TH0106		D2-20TH0121		D2-20TH0124	
		Residence		Residence		Residence		Residence	
		Address: 105 20th Street		106 20th Street		121 20th Street		124 20th Street	
		Field Sample ID: D2-TW-0007913-24092-N	D2-TW-0007913-24092-N-H	D2-TW-0007914-24092-N	D2-TW-0007914-24092-N-H	D2-TW-0006949-24092-N	D2-TW-0006949-24092-N-H	D2-TW-0006952-24092-N	D2-TW-0006952-24092-N-H
		Sample Date: 2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-20	2024-08-20
		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	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-20TH0127		D2-20TH0137		D2-20TH0142		D2-20TH0164			
		Residence		Residence		Residence		Residence			
		127 20th Street		137 20th Street		142 20th Street		164 20th Street			
		D2-TW-0007949-24092-N	D2-TW-0007949-24092-N-H	D2-TW-0007959-24092-N	D2-TW-0007959-24092-N-H	D2-TW-0007964-24092-N	D2-TW-0007964-24092-N-H	D2-TW-0007134-24092-N	D2-TW-0007134-24092-N-H		
		2024-08-30	2024-08-30	2024-09-24	2024-09-24	2024-08-30	2024-08-30	2024-07-10	2024-07-10		
		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	--	Present	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	2.00	1.00	ND	3.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	430	400	480	430	160	110	430	70.0
Field Test (pH)	pH	--	--	7.16	7.39	7.29	7.31	7.40	7.36	7.08	7.04
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.250	0.280	0.260	0.290	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	27.7	38.0	26.5	46.9	26.6	46.5	24.8	42.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.260	0.660	0.560	0.510	0.270	0.180	0.180
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54000	--	57600	--	52300	--	55600	--
	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	56.1	--	91.7	--	68.2	--	39.6	--
	Lead	15	MCL	ND	--	ND	--	ND	--	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	0.0130	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	--	--

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		Location ID: D2-20TH0127		D2-20TH0137		D2-20TH0142		D2-20TH0164		
		Residence		Residence		Residence		Residence		
		127 20th Street		137 20th Street		142 20th Street		164 20th Street		
		Field Sample ID:	D2-TW-0007949-24092-N	D2-TW-0007949-24092-N-H	D2-TW-0007959-24092-N	D2-TW-0007959-24092-N-H	D2-TW-0007964-24092-N	D2-TW-0007964-24092-N-H	D2-TW-0007134-24092-N	D2-TW-0007134-24092-N-H
		Sample Date:	2024-08-30	2024-08-30	2024-09-24	2024-09-24	2024-08-30	2024-08-30	2024-07-10	2024-07-10
		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	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-20TH0127		D2-20TH0137		D2-20TH0142		D2-20TH0164																	
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				D2-20TH0127	Residence	127 20th Street	D2-TW-0007949-24092-N	2024-08-30	N (Normal)	D2-20TH0137	Residence	137 20th Street	D2-TW-0007959-24092-N	2024-09-24	N (Normal)	D2-20TH0142	Residence	142 20th Street	D2-TW-0007964-24092-N	2024-08-30	N (Normal)	D2-20TH0164	Residence	164 20th Street	D2-TW-0007134-24092-N	2024-07-10	N (Normal)
				D2-TW-0007949-24092-N	D2-TW-0007949-24092-N-H					D2-TW-0007959-24092-N	D2-TW-0007959-24092-N-H				D2-TW-0007964-24092-N	D2-TW-0007964-24092-N-H			D2-TW-0007964-24092-N	D2-TW-0007964-24092-N-H				D2-TW-0007134-24092-N	D2-TW-0007134-24092-N-H		
				2024-08-30	2024-08-30					2024-09-24	2024-09-24				2024-08-30	2024-08-30			2024-08-30	2024-08-30				2024-07-10	2024-07-10		
				N (Normal)	N (Normal)					N (Normal)	N (Normal)				N (Normal)	N (Normal)			N (Normal)	N (Normal)				N (Normal)	N (Normal)		
Trihalomethanes (ppb)	Bromoform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	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	--	

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-20TH0192		D2-20TH0194		D2-21ST0107		D2-21ST0110	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
				D2-TW-0007181-24092-N	D2-TW-0007181-24092-N-H	D2-TW-0007182-24092-N-H-WQI	D2-TW-0007182-24092-N-WQI	D2-TW-0007191-24092-N	D2-TW-0007191-24092-N-H	D2-TW-0008006-24092-N	D2-TW-0008006-24092-N-H
				2024-08-20	2024-08-20	2024-07-02	2024-07-02	2024-07-09	2024-07-09	2024-09-09	2024-09-09
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
				192 20th Street		194 20th Street		107 21st Street		110 21st Street	
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	Absent	Absent	--	Absent	--
	E. coli	--	--	Absent	--	--	Absent	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	196	144	ND	2.00	4.00	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	570	120	10.0	350	250	50.0	300	0.00
Field Test (pH)	pH	--	--	7.26	7.53	7.22	7.06	7.01	6.95	7.26	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.220	0.270	0.250	0.140	0.280	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.7	25.0	39.9	24.6	27.1	50.8	24.6	43.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0780	0.00	0.240	0.0700	0.400	0.0210	0.00	0.0840
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	--	--	50500	52900	--	55400	--
	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	40.7	--	--	33.7	74.8	--	41.8	--
	Lead	15	MCL	ND	--	--	ND	0.550	--	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 D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-20TH0192		D2-20TH0194		D2-21ST0107		D2-21ST0110													
				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	--												
	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-20TH0192		D2-20TH0194		D2-21ST0107		D2-21ST0110																	
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				D2-20TH0192	Residence	192 20th Street	D2-TW-0007181-24092-N	2024-08-20	N (Normal)	D2-20TH0194	Residence	194 20th Street	D2-TW-0007182-24092-N-H-WQI	2024-07-02	N (Normal)	D2-21ST0107	Residence	107 21st Street	D2-TW-0007191-24092-N	2024-07-09	N (Normal)	D2-21ST0110	Residence	110 21st Street	D2-TW-0008006-24092-N	2024-09-09	N (Normal)
				D2-TW-0007181-24092-N	D2-TW-0007181-24092-N-H					D2-TW-0007182-24092-N-WQI	D2-TW-0007182-24092-N-H				D2-TW-0007191-24092-N	D2-TW-0007191-24092-N-H			D2-TW-0007191-24092-N	D2-TW-0007191-24092-N-H				D2-TW-0008006-24092-N	D2-TW-0008006-24092-N-H		
				2024-08-20	2024-08-20					2024-07-02	2024-07-02				2024-07-09	2024-07-09			2024-07-09	2024-07-09				2024-09-09	2024-09-09		
				N (Normal)	N (Normal)					N (Normal)	N (Normal)				N (Normal)	N (Normal)			N (Normal)	N (Normal)				N (Normal)	N (Normal)		
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	--	--	ND	--	ND	--	--	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	--	ND	--	--	ND	--	ND	--	--	ND	--	ND	--	--	ND	--	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-21ST0113		D2-21ST0123		D2-21ST0127		D2-21ST0134																		
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:	
				D2-21ST0113	Residence	113 21st Street	D2-TW-0008009-24092-N	2024-07-09	N (Normal)	D2-21ST0123	Residence	123 21st Street	D2-TW-0008377-24092-N	2024-07-09	N (Normal)	D2-21ST0127	Residence	127 21st Street	D2-TW-0007089-24092-N	2024-08-19	N (Normal)	D2-21ST0134	Residence	134 21st Street	D2-TW-0007096-24092-N	2024-07-09	N (Normal)	
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	3.00	282	2.00	23.0																	
Field Test (ppb)	Free Chlorine	4000	MCL	510	230	590	50.0	210	290	40.0	70.0																	
Field Test (pH)	pH	--	--	7.20	7.25	7.09	7.09	7.08	7.43	7.03	7.01																	
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.250	0.270	0.250	0.270	0.250	0.270																	
Field Test (degrees Celcius)	Temperature	--	--	26.4	36.0	25.8	48.8	25.8	39.6	25.5	39.2																	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.190	0.230	0.00	0.550	0.320	0.130	0.00	0.430																	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51600	--	53100	--	54100	--	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	21.7	--	42.7	--	71.0	--	84.6	--																	
	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	0.0160	--	ND	--	ND	--	ND	--																	
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	--	--																	

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-21ST0113		D2-21ST0123		D2-21ST0127		D2-21ST0134			
		Residence		Residence		Residence		Residence			
		113 21st Street		123 21st Street		127 21st Street		134 21st Street			
		D2-TW-0008009-24092-N	D2-TW-0008009-24092-N-H	D2-TW-0008377-24092-N	D2-TW-0008377-24092-N-H	D2-TW-0007089-24092-N	D2-TW-0007089-24092-N-H	D2-TW-0007096-24092-N	D2-TW-0007096-24092-N-H		
		2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-08-19	2024-08-19	2024-07-09	2024-07-09		
		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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-21ST0113		D2-21ST0123		D2-21ST0127		D2-21ST0134	
		Residence		Residence		Residence		Residence	
		Address: 113 21st Street		Address: 123 21st Street		Address: 127 21st Street		Address: 134 21st Street	
		Field Sample ID: D2-TW-0008009-24092-N	Field Sample ID: D2-TW-0008009-24092-N-H	Field Sample ID: D2-TW-0008377-24092-N	Field Sample ID: D2-TW-0008377-24092-N-H	Field Sample ID: D2-TW-0007089-24092-N	Field Sample ID: D2-TW-0007089-24092-N-H	Field Sample ID: D2-TW-0007096-24092-N	Field Sample ID: D2-TW-0007096-24092-N-H
		Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-07-09	Sample Date: 2024-08-19	Sample Date: 2024-08-19	Sample Date: 2024-07-09	Sample Date: 2024-07-09
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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
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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 Residences in Zone D2

		Location ID: D2-21ST0138		D2-21ST0144		D2-2ND0122		D2-2ND0138			
		Residence		Residence		Residence		Residence			
		138 21st Street		144 21st Street		122 2nd Street		138 2nd Street			
		D2-TW-0008094-24092-N	D2-TW-0008094-24092-N-H	D2-TW-0008097-24092-N	D2-TW-0008097-24092-N-H	D2-TW-0008107-24092-N	D2-TW-0008107-24092-N-H	D2-TW-0006962-24092-N	D2-TW-0006962-24092-N-H		
		2024-07-09	2024-07-09	2024-09-24	2024-09-24	2024-07-09	2024-07-09	2024-08-20	2024-08-20		
		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	--	--	10.0	ND	1.00	1.00	2.00	ND	30.0	12.0
Field Test (ppb)	Free Chlorine	4000	MCL	270	420	430	200	190	90.0	340	380
Field Test (pH)	pH	--	--	7.13	7.33	7.22	7.30	7.21	7.12	7.30	7.29
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.290	0.250	0.270	0.220	0.270	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	27.2	39.3	27.4	45.7	21.7	47.8	24.9	46.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.730	0.770	0.150	0.550	0.450	0.0460
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55300	--	57300	--	54700	--	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	58.5	--	81.9	--	24.7	--	58.0	--
	Lead	15	MCL	0.490	--	ND	--	0.150	--	0.320	--
	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 D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-21ST0138		D2-21ST0144		D2-2ND0122		D2-2ND0138		
		Residence		Residence		Residence		Residence		
		138 21st Street		144 21st Street		122 2nd Street		138 2nd Street		
		Field Sample ID:	D2-TW-0008094-24092-N	D2-TW-0008094-24092-N-H	D2-TW-0008097-24092-N	D2-TW-0008097-24092-N-H	D2-TW-0008107-24092-N	D2-TW-0008107-24092-N-H	D2-TW-0006962-24092-N	D2-TW-0006962-24092-N-H
		Sample Date:	2024-07-09	2024-07-09	2024-09-24	2024-09-24	2024-07-09	2024-07-09	2024-08-20	2024-08-20
		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	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID: D2-21ST0138		D2-21ST0144		D2-2ND0122		D2-2ND0138			
		Residence		Residence		Residence		Residence			
		Address: 138 21st Street		144 21st Street		122 2nd Street		138 2nd Street			
		Field Sample ID: D2-TW-0008094-24092-N	D2-TW-0008094-24092-N-H	D2-TW-0008097-24092-N	D2-TW-0008097-24092-N-H	D2-TW-0008107-24092-N	D2-TW-0008107-24092-N-H	D2-TW-0006962-24092-N	D2-TW-0006962-24092-N-H		
		Sample Date: 2024-07-09	2024-07-09	2024-09-24	2024-09-24	2024-07-09	2024-07-09	2024-08-20	2024-08-20		
		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	--	--	0.550	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.550	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-2ND0203B		D2-2ND0208				D2-3RD0107			
		Residence		Residence				Residence			
		203B 2nd Street		208 2nd Street				107 3rd Street			
		D2-TW-0007560-24092-N	D2-TW-0007560-24092-N-H	D2-TW-0006964-24092-N	D2-TW-0006964-24092-N-H	D2-TW-0006964-24092-3-N	D2-TW-0006964-24092-3-N-H	D2-TW-0007566-24092-N	D2-TW-0007566-24092-N-H		
		2024-07-30	2024-07-30	2024-09-19	2024-09-19	2024-09-19	2024-09-19	2024-08-20	2024-08-20		
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	2.00	ND	2.00	ND	6.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	710	350	530	510	--	--	570	100
Field Test (pH)	pH	--	--	7.18	7.44	7.33	7.32	--	--	7.13	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.300	0.250	0.280	--	--	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	24.8	43.9	22.7	44.7	--	--	24.5	40.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.780	0.00	0.00	--	--	0.240	0.00160
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58700	--	58500	--	61700	--	56600	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	14.0	--	16.5	--	17.3	--	43.0	--
	Lead	15	MCL	0.150	--	ND	--	ND	--	0.230	--
	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 D2

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 D2

		Location ID: D2-2ND0203B		Location ID: D2-2ND0208				Location ID: D2-3RD0107			
		Residence		Residence				Residence			
		203B 2nd Street		208 2nd Street				107 3rd Street			
		Field Sample ID: D2-TW-0007560-24092-N	Field Sample ID: D2-TW-0007560-24092-N-H	Field Sample ID: D2-TW-0006964-24092-N	Field Sample ID: D2-TW-0006964-24092-N-H	Field Sample ID: D2-TW-0006964-24092-3-N	Field Sample ID: D2-TW-0006964-24092-3-N-H	Field Sample ID: D2-TW-0007566-24092-N	Field Sample ID: D2-TW-0007566-24092-N-H		
		Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-09-19	Sample Date: 2024-09-19	Sample Date: 2024-09-19	Sample Date: 2024-09-19	Sample Date: 2024-08-20	Sample Date: 2024-08-20		
		Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: 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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-2ND0203B		D2-2ND0208				D2-3RD0107																													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																								
				D2-2ND0203B	Residence	203B 2nd Street	D2-TW-0007560-24092-N	2024-07-30	N (Normal)	D2-TW-0007560-24092-N-H	2024-07-30	N (Normal)	D2-2ND0208	Residence	208 2nd Street	D2-TW-0006964-24092-N	2024-09-19	N (Normal)	D2-TW-0006964-24092-N-H	2024-09-19	N (Normal)	D2-TW-0006964-24092-3-N	2024-09-19	FD (Field Duplicate)	D2-TW-0006964-24092-3-N-H	2024-09-19	FD (Field Duplicate)	D2-3RD0107	Residence	107 3rd Street	D2-TW-0007566-24092-N	2024-08-20	N (Normal)	D2-TW-0007566-24092-N-H	2024-08-20	N (Normal)			
Trihalomethanes (ppb)	Bromoform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Chloroform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Dibromochloromethane	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Total Trihalomethanes	80	MCL	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-3RD0133		D2-3RD0205B			D2-3RD0212		D2-4TH0126		
		Residence		Residence			Residence		Residence		
		133 3rd Street		205B 3rd Street			212 3rd Street		126 4th Street		
		Field Sample ID: D2-TW-0007003-24092-N	D2-TW-0007003-24092-N-H	D2-TW-0007023-24092-N	D2-TW-0007023-24092-N-H	D2-TW-0007023-24092-N-R1	D2-TW-0007014-24092-N	D2-TW-0007014-24092-N-H	D2-TW-0008018-24092-N		
		Sample Date: 2024-08-30	2024-08-30	2024-09-25	2024-09-25	2024-10-28	2024-09-24	2024-09-24	2024-07-09		
		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	--	--	33.0	60.0	54.0	49.0	--	44.0	5.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	30.0	660	50.0	840	310	360	340
Field Test (pH)	pH	--	--	7.30	7.43	7.34	7.56	7.20	7.17	7.19	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.280	0.290	0.280	0.260	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	24.3	37.8	27.0	36.6	26.1	26.5	41.6	22.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.340	0.350	0.00	0.00	0.00	0.530	0.460	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52900	--	58300	--	--	57000	--	54000
	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	20.6	--	13.0	--	--	3.50	--	36.4
	Lead	15	MCL	0.130	--	ND	--	--	0.140	--	0.290
	Mercury	2	MCL	ND	--	ND	--	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	--	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	ND	--	ND
	Acenaphthylene	--	--	ND	--	ND	--	ND	ND	--	--
	Anthracene	--	--	ND	--	--	--	ND	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	ND	--	ND
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	ND	--	--

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-3RD0133		D2-3RD0205B			D2-3RD0212		D2-4TH0126
		Location Type:	Residence		Residence			Residence		Residence
		Address:	133 3rd Street		205B 3rd Street			212 3rd Street		126 4th Street
		Field Sample ID:	D2-TW-0007003-24092-N	D2-TW-0007003-24092-N-H	D2-TW-0007023-24092-N	D2-TW-0007023-24092-N-H	D2-TW-0007023-24092-N-R1	D2-TW-0007014-24092-N	D2-TW-0007014-24092-N-H	D2-TW-0008018-24092-N
		Sample Date:	2024-08-30	2024-08-30	2024-09-25	2024-09-25	2024-10-28	2024-09-24	2024-09-24	2024-07-09
		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	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	ND	--
	Pyrene	--	--	ND	--	ND	--	ND	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	ND	ND
	Benzene	5	MCL	ND	--	ND	--	ND	ND	ND
	Cumene	--	--	ND	--	ND	--	ND	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	ND	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	ND	--
	n-Propylbenzene	--	--	ND	--	ND	--	ND	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	ND	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	ND	--
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	ND	ND
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	ND	ND

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-3RD0133		D2-3RD0205B			D2-3RD0212		D2-4TH0126																			
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:															
				D2-3RD0133	Residence	133 3rd Street	D2-TW-0007003-24092-N	2024-08-30	N (Normal)	D2-TW-0007003-24092-N-H	2024-08-30	N (Normal)	D2-TW-0007023-24092-N	2024-09-25	N (Normal)	D2-TW-0007023-24092-N-H	2024-09-25	N (Normal)	D2-TW-0007023-24092-N-R1	2024-10-28	N (Normal)	D2-TW-0007014-24092-N	2024-09-24	N (Normal)	D2-TW-0007014-24092-N-H	2024-09-24	N (Normal)	D2-TW-0008018-24092-N	2024-07-09	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	ND	--		ND	--	--	ND	--	--	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	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--	ND	--	--

Summary of Chemistry Results

Zone D2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-4TH0126	D2-4TH0127		D2-4TH0211		D2-5TH0101		D2-5TH0113	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	126 4th Street	127 4th Street		211 4th Street		101 5th Street		113 5th Street	
		Field Sample ID:	D2-TW-0008018-24092-N-H	D2-TW-0008019-24092-N	D2-TW-0008019-24092-N-H	D2-TW-0008027-24092-N	D2-TW-0008027-24092-N-H	D2-TW-0007057-24092-N	D2-TW-0007057-24092-N-H	D2-TW-0007063-24092-N	
		Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-08-30	2024-08-30	2024-07-09	2024-07-09	2024-08-13	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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	7.00	ND	ND	ND	63.0
Field Test (ppb)	Free Chlorine	4000	MCL	130	390	180	370	180	440	780	550
Field Test (pH)	pH	--	--	7.52	7.52	7.45	7.35	7.32	7.11	7.27	7.36
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.260	0.290	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	49.7	26.0	51.0	26.2	43.3	24.2	45.5	24.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.270	0.410	0.140	0.370	0.150	0.00	1.32	0.890
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	54300	--	54800	--	52000	--	57000
	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	--	83.7	--	5.20	--	36.0	--	55.1
	Lead	15	MCL	--	1.20	--	ND	--	ND	--	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
	Anthracene	--	--	--	--	--	ND	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	--	--	ND

Summary of Chemistry Results
Zone D2
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-4TH0126	D2-4TH0127		D2-4TH0211		D2-5TH0101		D2-5TH0113
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	126 4th Street	127 4th Street		211 4th Street		101 5th Street		113 5th Street
		Field Sample ID:	D2-TW-0008018-24092-N-H	D2-TW-0008019-24092-N	D2-TW-0008019-24092-N-H	D2-TW-0008027-24092-N	D2-TW-0008027-24092-N-H	D2-TW-0007057-24092-N	D2-TW-0007057-24092-N-H	D2-TW-0007063-24092-N
		Sample Date:	2024-07-09	2024-07-09	2024-07-09	2024-08-30	2024-08-30	2024-07-09	2024-07-09	2024-08-13
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-4TH0127		D2-4TH0211		D2-5TH0101		D2-5TH0113																																		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																															
				D2-4TH0126	Residence	126 4th Street	D2-TW-0008018-24092-N-H	2024-07-09	N (Normal)	D2-4TH0127	Residence	127 4th Street	D2-TW-0008019-24092-N	2024-07-09	N (Normal)	D2-4TH0211	Residence	211 4th Street	D2-TW-0008027-24092-N	2024-08-30	N (Normal)	D2-4TH0211	Residence	211 4th Street	D2-TW-0008027-24092-N-H	2024-08-30	N (Normal)	D2-5TH0101	Residence	101 5th Street	D2-TW-0007057-24092-N	2024-07-09	N (Normal)	D2-5TH0101	Residence	101 5th Street	D2-TW-0007057-24092-N-H	2024-07-09	N (Normal)	D2-5TH0113	Residence	113 5th Street	D2-TW-0007063-24092-N	2024-08-13	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND				
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND						
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND						
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND						

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-5TH0113	D2-5TH0127		D2-6TH0113		D2-6TH0121		D2-6TH0203	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	113 5th Street	127 5th Street		113 6th Street		121 6th Street		203 6th Street	
		Field Sample ID:	D2-TW-0007063-24092-N-H	D2-TW-0007591-24092-N	D2-TW-0007591-24092-N-H	D2-TW-0007600-24092-N	D2-TW-0007600-24092-N-H	D2-TW-0007603-24092-N	D2-TW-0007603-24092-N-H	D2-TW-0007609-24092-N	
		Sample Date:	2024-08-13	2024-09-10	2024-09-10	2024-07-11	2024-07-11	2024-07-09	2024-07-09	2024-09-09	
		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	--	--	145	8.00	5.00	4.00	ND	ND	ND	9.00
Field Test (ppb)	Free Chlorine	4000	MCL	300	440	20.0	540	330	170	160	110
Field Test (pH)	pH	--	--	7.70	7.16	7.50	7.19	7.26	7.18	7.41	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.260	0.280	0.240	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	45.2	23.9	37.0	24.3	46.8	25.9	52.8	24.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.680	0.220	0.00760	0.240	0.730	0.210	0.0310	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55000	--	55900	--	52500	--	52700
	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	--	89.2	--	8.80	--	6.20	--	47.2
	Lead	15	MCL	--	0.260	--	0.290	--	0.160	--	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 D2

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 D2

		Location ID:	D2-5TH0113	D2-5TH0127		D2-6TH0113		D2-6TH0121		D2-6TH0203
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	113 5th Street	127 5th Street		113 6th Street		121 6th Street		203 6th Street
		Field Sample ID:	D2-TW-0007063-24092-N-H	D2-TW-0007591-24092-N	D2-TW-0007591-24092-N-H	D2-TW-0007600-24092-N	D2-TW-0007600-24092-N-H	D2-TW-0007603-24092-N	D2-TW-0007603-24092-N-H	D2-TW-0007609-24092-N
		Sample Date:	2024-08-13	2024-09-10	2024-09-10	2024-07-11	2024-07-11	2024-07-09	2024-07-09	2024-09-09
		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	--	ND	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-6TH0203	D2-6TH0301		D2-7TH0208		D2-9TH0206		D2-9TH0304	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	203 6th Street	301 6th Street		208 7th Street		206 9th Street		304 9th Street	
		Field Sample ID:	D2-TW-0007609-24092-N-H	D2-TW-0007615-24092-N	D2-TW-0007615-24092-N-H	D2-TW-0007458-24092-N	D2-TW-0007458-24092-N-H	D2-TW-0007467-24092-N	D2-TW-0007467-24092-N-H	D2-TW-0007472-24092-N	
		Sample Date:	2024-09-09	2024-08-19	2024-08-19	2024-08-20	2024-08-20	2024-08-27	2024-08-27	2024-09-10	
		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	--	--	19.0	12.0	2.00	1.00	2.00	4.00	ND	16.0
Field Test (ppb)	Free Chlorine	4000	MCL	320	580	210	510	240	600	430	230
Field Test (pH)	pH	--	--	7.38	7.18	7.26	7.30	7.29	7.11	7.35	7.28
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.260	0.280	0.270	0.290	0.240	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	46.9	23.2	47.6	28.2	50.8	23.4	42.6	26.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.200	2.33	0.0890	1.19	0.620	0.380	0.00	0.220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56400	--	55800	--	52900	--	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	--	11.9	--	23.9	--	19.5	--	27.8
	Lead	15	MCL	--	0.190	--	ND	--	0.130	--	0.310
	Mercury	2	MCL	--	ND	--	0.110	--	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 D2

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
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-6TH0203	D2-6TH0301		D2-7TH0208		D2-9TH0206		D2-9TH0304	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	203 6th Street	301 6th Street		208 7th Street		206 9th Street		304 9th Street	
		Field Sample ID:	D2-TW-0007609-24092-N-H	D2-TW-0007615-24092-N	D2-TW-0007615-24092-N-H	D2-TW-0007458-24092-N	D2-TW-0007458-24092-N-H	D2-TW-0007467-24092-N	D2-TW-0007467-24092-N-H	D2-TW-0007472-24092-N	
		Sample Date:	2024-09-09	2024-08-19	2024-08-19	2024-08-20	2024-08-20	2024-08-27	2024-08-27	2024-09-10	
		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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-6TH0301		D2-7TH0208		D2-9TH0206		D2-9TH0304					
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:		
				D2-6TH0203 Residence 203 6th Street	D2-TW-0007615-24092-N	2024-08-19	N (Normal)	D2-TW-0007458-24092-N	2024-08-20	N (Normal)	D2-TW-0007467-24092-N	2024-08-27	N (Normal)	D2-TW-0007472-24092-N	2024-09-10	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	2.60	--	ND	--	ND	--	ND	--	ND	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	0.420	--	ND	--	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	3.02	--	ND	--	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone D2

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

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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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 D2

		Location ID:	D2-9TH0304	D2-APOL0123		D2-APOL0358		D2-APOL0827		D2-APOL0922	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	304 9th Street	123 Apollo Avenue		358 Apollo Avenue		827 Apollo Avenue		922 Apollo Avenue	
		Field Sample ID:	D2-TW-0007472-24092-N-H	D2-TW-0008322-24092-N	D2-TW-0008322-24092-N-H	D2-TW-0007577-24092-N	D2-TW-0007577-24092-N-H	D2-TW-0007210-24092-N	D2-TW-0007210-24092-N-H	D2-TW-0007212-24092-N-WQI	
		Sample Date:	2024-09-10	2024-08-19	2024-08-19	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-08-20	
		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	--	--	75.0	26.0	300	1.00	ND	216	156	3.00
Field Test (ppb)	Free Chlorine	4000	MCL	110	500	180	510	110	530	310	600
Field Test (pH)	pH	--	--	7.31	7.31	7.41	7.25	7.43	7.28	7.26	7.33
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.280	0.270	0.280	0.260	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	39.7	24.2	41.2	25.1	39.8	23.5	26.2	27.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.720	0.510	0.0750	0.310	0.00	0.100	0.110	0.550
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55700	--	55500	--	54800	--	54700
	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	--	4.80	--	21.1	--	3.90	--	9.50
	Lead	15	MCL	--	ND	--	0.140	--	ND	--	0.140
	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 D2

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 D2

		Location ID:	D2-9TH0304	D2-APOL0123		D2-APOL0358		D2-APOL0827		D2-APOL0922	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	304 9th Street	123 Apollo Avenue		358 Apollo Avenue		827 Apollo Avenue		922 Apollo Avenue	
		Field Sample ID:	D2-TW-0007472-24092-N-H	D2-TW-0008322-24092-N	D2-TW-0008322-24092-N-H	D2-TW-0007577-24092-N	D2-TW-0007577-24092-N-H	D2-TW-0007210-24092-N	D2-TW-0007210-24092-N-H	D2-TW-0007212-24092-N-WQI	
		Sample Date:	2024-09-10	2024-08-19	2024-08-19	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-08-20	
		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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-APOL0123		D2-APOL0358		D2-APOL0827		D2-APOL0922	
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:
				D2-9TH0304	D2-TW-0007472-24092-N-H	D2-TW-0008322-24092-N	D2-TW-0008322-24092-N-H	D2-TW-0007577-24092-N	D2-TW-0007577-24092-N-H	D2-TW-0007210-24092-N	D2-TW-0007210-24092-N-H	D2-TW-0007212-24092-N-WQI
				Residence	2024-09-10	2024-08-19	2024-08-19	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-08-20
				304 9th Street	N (Normal)	N (Normal)						
				123 Apollo Avenue								
				358 Apollo Avenue								
				827 Apollo Avenue								
				922 Apollo Avenue								
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 D2

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 D2

		Location ID:	D2-APOL0922	D2-APOL0924		D2-BEAR0101		D2-BEAR0113		D2-BEAR0503A	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	922 Apollo Avenue	924 Apollo Avenue		101 Beard Avenue		113 Beard Avenue		503A Beard Avenue	
		Field Sample ID:	D2-TW-0007212-24092-N-H-WQI	D2-TW-0007213-24092-N	D2-TW-0007213-24092-N-H	D2-TW-0007990-24092-N	D2-TW-0007990-24092-N-H	D2-TW-0007068-24092-N	D2-TW-0007068-24092-N-H	D2-TW-0007651-24092-N	
		Sample Date:	2024-08-20	2024-07-10	2024-07-10	2024-09-10	2024-09-10	2024-08-20	2024-08-20	2024-08-20	
		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	4.00	ND	5.00	ND	6.00	1.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	240	550	60.0	300	420	750	400	470
Field Test (pH)	pH	--	--	7.43	7.30	7.43	7.26	7.32	7.28	7.03	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.250	0.270	0.260	0.270	0.260	0.300	0.290
Field Test (degrees Celcius)	Temperature	--	--	40.6	26.4	45.1	26.2	45.7	25.8	37.2	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.720	0.240	0.0920	0.110	0.260	1.68	2.79	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	51500	--	54100	--	55000	--	57200
	Total Organic Carbon	--	--	--	ND	--	ND	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--	ND	--	ND
Metals (ppb)	Copper	1300	MCL	--	17.4	--	16.5	--	7.50	--	5.90
	Lead	15	MCL	--	0.210	--	ND	--	0.150	--	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	--	0.0160
	Benzo(b)fluoranthene	--	--	--	--	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-APOL0922	D2-APOL0924		D2-BEAR0101		D2-BEAR0113		D2-BEAR0503A	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	922 Apollo Avenue	924 Apollo Avenue		101 Beard Avenue		113 Beard Avenue		503A Beard Avenue	
		Field Sample ID:	D2-TW-0007212-24092-N-H-WQI	D2-TW-0007213-24092-N	D2-TW-0007213-24092-N-H	D2-TW-0007990-24092-N	D2-TW-0007990-24092-N-H	D2-TW-0007068-24092-N	D2-TW-0007068-24092-N-H	D2-TW-0007651-24092-N	
		Sample Date:	2024-08-20	2024-07-10	2024-07-10	2024-09-10	2024-09-10	2024-08-20	2024-08-20	2024-08-20	
		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 D2

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-APOL0924		D2-BEAR0101		D2-BEAR0113		D2-BEAR0503A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-APOL0922	D2-APOL0924	D2-APOL0924	D2-BEAR0101	D2-BEAR0101	D2-BEAR0113	D2-BEAR0113	D2-BEAR0503A
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				922 Apollo Avenue	924 Apollo Avenue	924 Apollo Avenue	101 Beard Avenue	101 Beard Avenue	113 Beard Avenue	113 Beard Avenue	503A Beard Avenue
				D2-TW-0007212-24092-N-H-WQI	D2-TW-0007213-24092-N	D2-TW-0007213-24092-N-H	D2-TW-0007990-24092-N	D2-TW-0007990-24092-N-H	D2-TW-0007068-24092-N	D2-TW-0007068-24092-N-H	D2-TW-0007651-24092-N
				2024-08-20	2024-07-10	2024-07-10	2024-09-10	2024-09-10	2024-08-20	2024-08-20	2024-08-20
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	0.440
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	0.370
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	0.810

Summary of Chemistry Results

Zone D2

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 (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 D2

		Location ID:	D2-BEAR0503A	D2-BEAR0504		D2-BEAR0602		D2-BEAR0702		D2-BEAR0704	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	503A Beard Avenue	504 Beard Avenue		602 Beard Avenue		702 Beard Avenue		704 Beard Avenue	
		Field Sample ID:	D2-TW-0007651-24092-N-H	D2-TW-0007083-24092-N-H-WQI	D2-TW-0007083-24092-N-WQI	D2-TW-0007085-24092-N	D2-TW-0007085-24092-N-H	D2-TW-0007226-24092-N	D2-TW-0007226-24092-N-H	D2-TW-0007228-24092-N	
		Sample Date:	2024-08-20	2024-09-17	2024-09-17	2024-09-09	2024-09-09	2024-09-09	2024-09-09	2024-09-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	Absent	--	Absent	--	Absent
	E. coli	--	--	--	--	Absent	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	21.0	ND	ND	164	14.0	77.0
Field Test (ppb)	Free Chlorine	4000	MCL	530	190	510	300	330	480	310	530
Field Test (pH)	pH	--	--	7.26	7.41	7.22	7.35	7.44	7.24	7.38	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.310	0.350	0.260	0.270	0.280	0.300	0.250
Field Test (degrees Celcius)	Temperature	--	--	39.4	42.0	28.4	26.5	38.9	24.3	45.7	24.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00490	0.00740	0.0660	3.00	0.00	0.410	0.540	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	55800	54500	--	55500	--	60300
	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	80.1	--	33.7	--	52.4
	Lead	15	MCL	--	--	0.230	0.680	--	0.490	--	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 D2

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-BEAR0503A	D2-BEAR0504		D2-BEAR0602		D2-BEAR0702		D2-BEAR0704	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	503A Beard Avenue	504 Beard Avenue		602 Beard Avenue		702 Beard Avenue		704 Beard Avenue	
		Field Sample ID:	D2-TW-0007651-24092-N-H	D2-TW-0007083-24092-N-H-WQI	D2-TW-0007083-24092-N-WQI	D2-TW-0007085-24092-N	D2-TW-0007085-24092-N-H	D2-TW-0007226-24092-N	D2-TW-0007226-24092-N-H	D2-TW-0007228-24092-N	
		Sample Date:	2024-08-20	2024-09-17	2024-09-17	2024-09-09	2024-09-09	2024-09-09	2024-09-09	2024-09-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-BEAR0504		D2-BEAR0602		D2-BEAR0702		D2-BEAR0704
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-BEAR0503A Residence 503A Beard Avenue	D2-TW-0007083-24092-N-H-WQI	D2-TW-0007083-24092-N-WQI	D2-TW-0007085-24092-N	D2-TW-0007085-24092-N-H	D2-TW-0007226-24092-N	D2-TW-0007226-24092-N-H	D2-TW-0007228-24092-N
					2024-08-20	2024-09-17	2024-09-09	2024-09-09	2024-09-09	2024-09-09	2024-09-19
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	--	0.320	ND	--	ND	--	ND
	Chloroform	--	--	--	--	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	--	0.280	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	--	0.600	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-BEAR0704	D2-BOND0201		D2-BOND0206		D2-BOQU0401		D2-BOQU0503	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	704 Beard Avenue	201 Bond Circle		206 Bond Circle		401 Boquet Boulevard		503 Boquet Boulevard	
		Field Sample ID:	D2-TW-0007228-24092-N-H	D2-TW-0007660-24092-N	D2-TW-0007660-24092-N-H	D2-TW-0007665-24092-N	D2-TW-0007665-24092-N-H	D2-TW-0007670-24092-N	D2-TW-0007670-24092-N-H	D2-TW-0007674-24092-N	
		Sample Date:	2024-09-19	2024-09-09	2024-09-09	2024-08-13	2024-08-13	2024-09-09	2024-09-09	2024-09-26	
		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	--	--	300	ND	ND	18.0	ND	3.00	5.00	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	450	590	450	550	60.0	470	150	520
Field Test (pH)	pH	--	--	7.46	7.36	7.17	7.30	7.34	7.37	7.77	7.24
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.260	0.280	0.240	0.270	0.260	0.300	0.250
Field Test (degrees Celcius)	Temperature	--	--	40.6	24.4	44.0	27.7	49.7	23.1	47.1	27.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.890	0.0420	1.00	1.30	0.380	0.260	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53800	--	56000	--	53900	--	55600
	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	--	26.0	--	32.6	--	52.1	--	5.00
	Lead	15	MCL	--	0.130	--	ND	--	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	--	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 D2

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 D2

		Location ID:	D2-BEAR0704	D2-BOND0201		D2-BOND0206		D2-BOQU0401		D2-BOQU0503	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	704 Beard Avenue	201 Bond Circle		206 Bond Circle		401 Boquet Boulevard		503 Boquet Boulevard	
		Field Sample ID:	D2-TW-0007228-24092-N-H	D2-TW-0007660-24092-N	D2-TW-0007660-24092-N-H	D2-TW-0007665-24092-N	D2-TW-0007665-24092-N-H	D2-TW-0007670-24092-N	D2-TW-0007670-24092-N-H	D2-TW-0007674-24092-N	
		Sample Date:	2024-09-19	2024-09-09	2024-09-09	2024-08-13	2024-08-13	2024-09-09	2024-09-09	2024-09-26	
		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 D2

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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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-BOND0201		D2-BOND0206		D2-BOQU0401		D2-BOQU0503																			
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																
				D2-BEAR0704 Residence 704 Beard Avenue	D2-TW-0007228-24092-N-H	2024-09-19	N (Normal)	D2-TW-0007660-24092-N	2024-09-09	N (Normal)	D2-TW-0007660-24092-N-H	2024-09-09	N (Normal)	D2-TW-0007665-24092-N	2024-08-13	N (Normal)	D2-TW-0007665-24092-N-H	2024-08-13	N (Normal)	D2-TW-0007670-24092-N	2024-09-09	N (Normal)	D2-TW-0007670-24092-N-H	2024-09-09	N (Normal)	D2-TW-0007674-24092-N	2024-09-26	N (Normal)		
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	0.330
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	0.250
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	0.580

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2402B		D2-CHAL2402C		D2-CHAL2405C		D2-CHAL2407A	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	2402B Challenger Loop		2402C Challenger Loop		2405C Challenger Loop		2407A Challenger Loop	
				Field Sample ID:	D2-TW-0007218-24092-N-H	D2-TW-0007218-24092-N	D2-TW-0007218-24092-N-H	D2-TW-0008122-24092-N	D2-TW-0008122-24092-N-H	D2-TW-0008124-24092-N	D2-TW-0008124-24092-N-H	D2-TW-0007793-24092-N
				Sample Date:	2024-09-26	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-30	2024-07-30	2024-09-10
				Sample Type:	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	--	--	1.00	ND	ND	ND	738	ND	ND	15.0	
Field Test (ppb)	Free Chlorine	4000	MCL	370	100	100	420	20.0	590	350	500	
Field Test (pH)	pH	--	--	7.68	7.20	7.46	7.19	8.55	7.17	7.17	7.21	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.210	0.270	0.230	0.270	0.240	0.260	0.260	
Field Test (degrees Celcius)	Temperature	--	--	39.9	24.8	40.4	23.8	41.3	23.9	40.8	24.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.520	0.0360	0.260	0.410	0.200	0.00620	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56000	--	55200	--	56300	--	52900	
	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	--	35.4	--	40.0	--	ND	--	33.5	
	Lead	15	MCL	--	0.190	--	ND	--	0.420	--	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	
	Acenaphthylene	--	--	--	--	--	--	--	--	--	ND	
	Anthracene	--	--	--	--	--	--	--	--	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2402B		D2-CHAL2402C		D2-CHAL2405C		D2-CHAL2407A	
				D2-BOQU0503	Residence		Residence		Residence		Residence	
				Address:	2402B Challenger Loop		2402C Challenger Loop		2405C Challenger Loop		2407A Challenger Loop	
				Field Sample ID:	D2-TW-0007674-24092-N-H	D2-TW-0007218-24092-N	D2-TW-0007218-24092-N-H	D2-TW-0008122-24092-N	D2-TW-0008122-24092-N-H	D2-TW-0008124-24092-N	D2-TW-0008124-24092-N-H	D2-TW-0007793-24092-N
				Sample Date:	2024-09-26	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-30	2024-07-30	2024-09-10
				Sample Type:	N (Normal)	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	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND	ND
	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND	ND
	Cumene	--	--	--	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	ND
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND	ND	

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2402B		D2-CHAL2402C		D2-CHAL2405C		D2-CHAL2407A	
				D2-BOQU0503	Residence		Residence		Residence		Residence	
				Address:	2402B Challenger Loop		2402C Challenger Loop		2405C Challenger Loop		2407A Challenger Loop	
				Field Sample ID:	D2-TW-0007674-24092-N-H	D2-TW-0007218-24092-N	D2-TW-0007218-24092-N-H	D2-TW-0008122-24092-N	D2-TW-0008122-24092-N-H	D2-TW-0008124-24092-N	D2-TW-0008124-24092-N-H	D2-TW-0007793-24092-N
				Sample Date:	2024-09-26	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-30	2024-07-30	2024-09-10
				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 D2
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2407C		D2-CHAL2412B		D2-CHAL2414C		D2-CHAL2415A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-CHAL2407A	D2-CHAL2407C	D2-CHAL2407C	D2-CHAL2412B	D2-CHAL2412B	D2-CHAL2414C	D2-CHAL2414C	D2-CHAL2415A
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				2407A Challenger Loop	2407C Challenger Loop	2407C Challenger Loop	2412B Challenger Loop	2412B Challenger Loop	2414C Challenger Loop	2414C Challenger Loop	2415A Challenger Loop
				D2-TW-0007793-24092-N-H	D2-TW-0007220-24092-N	D2-TW-0007220-24092-N-H	D2-TW-0008204-24092-N	D2-TW-0008204-24092-N-H	D2-TW-0007804-24092-N	D2-TW-0007804-24092-N-H	D2-TW-0007799-24092-N
				2024-09-10	2024-08-20	2024-08-20	2024-09-27	2024-09-27	2024-09-27	2024-09-27	2024-07-30
				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	--	--	1.00	11.0	23.0	ND	ND	5.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	220	420	380	460	320	200	140	400
Field Test (pH)	pH	--	--	7.13	7.09	7.39	7.33	7.43	7.37	7.42	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.240	0.300	0.260	0.280	0.260	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	40.3	25.6	40.9	24.4	37.3	24.9	23.6	25.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.370	0.120	0.300	1.96	0.840	1.12	1.27	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55100	--	55200	--	54400	--	53400
	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	--	28.0	--	19.8	--	33.1	--	23.3
	Lead	15	MCL	--	0.280	--	ND	--	ND	--	0.600
	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	--	0.0210

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2407C		D2-CHAL2412B		D2-CHAL2414C		D2-CHAL2415A		
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				D2-CHAL2407A	D2-CHAL2407C	D2-CHAL2407C	D2-CHAL2412B	D2-CHAL2412B	D2-CHAL2414C	D2-CHAL2414C	D2-CHAL2415A		
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence		
				2407A Challenger Loop	2407C Challenger Loop	2407C Challenger Loop	2412B Challenger Loop	2412B Challenger Loop	2414C Challenger Loop	2414C Challenger Loop	2415A Challenger Loop		
				D2-TW-0007793-24092-N-H	D2-TW-0007220-24092-N	D2-TW-0007220-24092-N-H	D2-TW-0008204-24092-N	D2-TW-0008204-24092-N-H	D2-TW-0007804-24092-N	D2-TW-0007804-24092-N-H	D2-TW-0007799-24092-N		
				2024-09-10	2024-08-20	2024-08-20	2024-09-27	2024-09-27	2024-09-27	2024-09-27	2024-07-30		
				N (Normal)	N (Normal)								
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		

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				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				D2-CHAL2407A Residence 2407A Challenger Loop	D2-CHAL2407C Residence 2407C Challenger Loop	D2-CHAL2407C Residence 2407C Challenger Loop	D2-CHAL2412B Residence 2412B Challenger Loop	D2-CHAL2412B Residence 2412B Challenger Loop	D2-CHAL2414C Residence 2414C Challenger Loop	D2-CHAL2414C Residence 2414C Challenger Loop	D2-CHAL2415A Residence 2415A Challenger Loop		
				D2-TW-0007793-24092-N-H	D2-TW-0007220-24092-N	D2-TW-0007220-24092-N-H	D2-TW-0008204-24092-N	D2-TW-0008204-24092-N-H	D2-TW-0007804-24092-N	D2-TW-0007804-24092-N-H	D2-TW-0007799-24092-N		
				2024-09-10	2024-08-20	2024-08-20	2024-09-27	2024-09-27	2024-09-27	2024-09-27	2024-07-30		
				N (Normal)									
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	0.360	--	1.40		
	Bromoform	--	--	--	ND	--	ND	--	0.750	--	2.20		
	Chloroform	--	--	--	ND	--	ND	--	ND	--	1.20		
	Dibromochloromethane	--	--	--	ND	--	ND	--	0.870	--	2.80		
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	1.98	--	7.60		

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2417B		D2-CHAL2417D					
				Location Type:	Residence		Residence		Residence			
				Address:	2417B Challenger Loop		2417D Challenger Loop					
				Field Sample ID:	D2-TW-0007799-24092-N-H	D2-TW-0008207-24092-N	D2-TW-0008207-24092-N-H	D2-TW-0008333-24092-N	D2-TW-0008333-24092-N-H	D2-TW-0008333-24092-N-1	D2-TW-0008333-24092-N-2	D2-TW-0008333-24092-N-R1
				Sample Date:	2024-07-30	2024-07-30	2024-07-30	2024-09-27	2024-09-27	2024-12-16	2024-12-16	2024-12-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	--	--	--	--
	E. coli	--	--	--	Absent	--	Absent	--	--	--	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	97.0	2.00	ND	5.00	71.0	--	--	--	--
Field Test (ppb)	Free Chlorine	4000	MCL	470	120	160	400	110	440	490	280	
Field Test (pH)	pH	--	--	7.15	7.58	7.68	7.34	7.66	7.36	8.14	7.25	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.270	0.240	0.260	0.230	0.250	0.230	
Field Test (degrees Celcius)	Temperature	--	--	43.1	22.9	36.0	25.5	37.4	24.7	29.1	26.2	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0110	0.0390	0.500	0.0450	0.280	1.75	0.610	0.810	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57800	--	55500	--	--	--	--	--
	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	--	88.5	--	208	--	52.4	40.3	18.2	
	Lead	15	MCL	--	0.300	--	44.2	--	0.200	0.170	0.650	
	Mercury	2	MCL	--	ND	--	ND	--	ND	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	--	--	--	--	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2417B		D2-CHAL2417D					
				D2-CHAL2415A	Residence		Residence					
				Residence	Residence		Residence					
				Address:	Address:		Address:					
				2415A Challenger Loop	2417B Challenger Loop		2417D Challenger Loop					
				Field Sample ID:	D2-TW-0007799-24092-N-H	D2-TW-0008207-24092-N	D2-TW-0008207-24092-N-H	D2-TW-0008333-24092-N	D2-TW-0008333-24092-N-H	D2-TW-0008333-24092-N-1	D2-TW-0008333-24092-N-2	D2-TW-0008333-24092-N-R1
				Sample Date:	2024-07-30	2024-07-30	2024-07-30	2024-09-27	2024-09-27	2024-12-16	2024-12-16	2024-12-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	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	--	--	--	--
	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	--	--	--	--	

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2417B		D2-CHAL2417D					
				D2-CHAL2415A	Residence		Residence					
				Address:	2417B Challenger Loop		2417D Challenger Loop					
				Field Sample ID:	D2-TW-0007799-24092-N-H	D2-TW-0008207-24092-N	D2-TW-0008207-24092-N-H	D2-TW-0008333-24092-N	D2-TW-0008333-24092-N-H	D2-TW-0008333-24092-N-1	D2-TW-0008333-24092-N-2	D2-TW-0008333-24092-N-R1
				Sample Date:	2024-07-30	2024-07-30	2024-07-30	2024-09-27	2024-09-27	2024-12-16	2024-12-16	2024-12-16
				Sample Type:	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	--	--	--	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	2.70	--	0.750	--	--	--	--	--
	Bromoform	--	--	--	6.30	--	1.80	--	--	--	--	--
	Chloroform	--	--	--	2.70	--	0.470	--	--	--	--	--
	Dibromochloromethane	--	--	--	4.70	--	1.80	--	--	--	--	--
	Total Trihalomethanes	80	MCL	--	16.4	--	4.82	--	--	--	--	--

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2418C		D2-CHAL2424D		D2-CHAL2427A		D2-CHAL2428A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-CHAL2417D	D2-CHAL2418C	D2-CHAL2418C	D2-CHAL2424D	D2-CHAL2424D	D2-CHAL2427A	D2-CHAL2427A	D2-CHAL2428A
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				2417D Challenger Loop	2418C Challenger Loop	2418C Challenger Loop	2424D Challenger Loop	2424D Challenger Loop	2427A Challenger Loop	2427A Challenger Loop	2428A Challenger Loop
				D2-TW-0008333-24092-N-3	D2-TW-0007807-24092-N	D2-TW-0007807-24092-N-H	D2-TW-0008337-24092-N	D2-TW-0008337-24092-N-H	D2-TW-0008081-24092-N	D2-TW-0008081-24092-N-H	D2-TW-0008082-24092-N
				2024-12-16	2024-09-27	2024-09-27	2024-07-30	2024-07-30	2024-08-22	2024-08-22	2024-08-21
				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	--	--	--	10.0	ND	ND	ND	4.00	23.0	102
Field Test (ppb)	Free Chlorine	4000	MCL	610	160	540	780	400	110	290	440
Field Test (pH)	pH	--	--	7.24	7.42	7.51	7.06	7.31	7.11	7.16	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.230	0.270	0.270	0.250	0.270	0.270	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	24.9	23.6	35.8	26.6	41.4	25.6	38.4	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	3.46	2.05	0.00480	0.00	0.00	0.0450	1.36
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55700	--	58400	--	60000	--	55500
	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	34.9	122	--	17.6	--	73.9	--	39.3
	Lead	15	MCL	0.150	0.800	--	ND	--	0.200	--	0.280
	Mercury	2	MCL	ND	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2418C		D2-CHAL2424D		D2-CHAL2427A		D2-CHAL2428A
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	D2-CHAL2417D Residence 2417D Challenger Loop	D2-TW-0007807-24092-N	D2-TW-0007807-24092-N-H	D2-TW-0008337-24092-N	D2-TW-0008337-24092-N-H	D2-TW-0008081-24092-N	D2-TW-0008081-24092-N-H	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
	Phenanthrene	--	--								0.410
	Pyrene	--	--								ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--								ND
	1,3,5-Trimethylbenzene	--	--								ND
	Benzene	5	MCL								ND
	Cumene	--	--								ND
	Ethylbenzene	700	MCL								ND
	m,p-Xylene	--	--								ND
	n-Butylbenzene	--	--								ND
	n-Propylbenzene	--	--								ND
	o-Xylene	--	--								ND
	sec-Butylbenzene	--	--								ND
tert-Butylbenzene	--	--								ND	
Toluene	1000	MCL								ND	

Summary of Chemistry Results

Zone D2

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2418C		D2-CHAL2424D		D2-CHAL2427A		D2-CHAL2428A
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	2418C Challenger Loop		2424D Challenger Loop		2427A Challenger Loop		2428A Challenger Loop
				Field Sample ID:	D2-TW-0007807-24092-N	D2-TW-0007807-24092-N-H	D2-TW-0008337-24092-N	D2-TW-0008337-24092-N-H	D2-TW-0008081-24092-N	D2-TW-0008081-24092-N-H	D2-TW-0008082-24092-N
				Sample Date:	2024-09-27	2024-09-27	2024-07-30	2024-07-30	2024-08-22	2024-08-22	2024-08-21
				Sample Type:	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	--	--	--	2.20	--	ND	--	ND	--	ND
	Bromoform	--	--	--	10.5	--	ND	--	ND	--	0.800
	Chloroform	--	--	--	2.30	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	4.90	--	ND	--	ND	--	0.530
	Total Trihalomethanes	80	MCL	--	19.9	--	ND	--	ND	--	1.33

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-CHAL2428A			D2-CHAL2428B		D2-CHAL2430A		D2-CHAL2430C
				Location ID:	Location Type:	Address:	Residence		Residence		Residence
				2428A Challenger Loop			2428B Challenger Loop		2430A Challenger Loop		2430C Challenger Loop
				D2-TW-0008082-24092-N-H	D2-TW-0008082-24092-3-N	D2-TW-0008082-24092-3-N-H	D2-TW-0007982-24092-N	D2-TW-0007982-24092-N-H	D2-TW-0008084-24092-N	D2-TW-0008084-24092-N-H	D2-TW-0007814-24092-N
				2024-08-21	2024-08-21	2024-08-21	2024-08-21	2024-08-21	2024-09-25	2024-09-25	2024-09-09
				N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	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	--	--	300	86.0	300	3.00	300	ND	1.00	93.0
Field Test (ppb)	Free Chlorine	4000	MCL	340	--	--	510	260	600	400	570
Field Test (pH)	pH	--	--	7.40	--	--	7.30	7.22	7.37	7.47	7.08
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	--	--	0.260	0.280	0.250	0.280	0.270
Field Test (degrees Celcius)	Temperature	--	--	40.3	--	--	24.5	38.8	25.6	38.4	26.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.890	--	--	0.400	0.300	0.0110	0.00	1.47
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56600	--	54500	--	58300	--	54500
	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	--	39.2	--	33.5	--	94.5	--	33.3
	Lead	15	MCL	--	0.250	--	0.190	--	0.220	--	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
	Acenaphthylene	--	--	--	ND	--	ND	--	ND	--	ND
	Anthracene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	0.0150	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-CHAL2428A			D2-CHAL2428B		D2-CHAL2430A		D2-CHAL2430C	
				Location ID:	Location Type:	Address:	Residence		Residence		Residence	
				2428A Challenger Loop			2428B Challenger Loop		2430A Challenger Loop		2430C Challenger Loop	
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	
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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-CHAL2428A			D2-CHAL2428B		D2-CHAL2430A		D2-CHAL2430C
				Location ID:	Location Type:	Address:	Residence		Residence		Residence
				Field Sample ID:	Sample Date:	Sample Type:					
				D2-TW-0008082-24092-N-H	2024-08-21	N (Normal)	D2-TW-0007982-24092-N	D2-TW-0007982-24092-N-H	D2-TW-0008084-24092-N	D2-TW-0008084-24092-N-H	D2-TW-0007814-24092-N
				D2-TW-0008082-24092-3-N	2024-08-21	FD (Field Duplicate)	D2-TW-0007982-24092-N	D2-TW-0007982-24092-N-H	D2-TW-0008084-24092-N	D2-TW-0008084-24092-N-H	D2-TW-0007814-24092-N
				D2-TW-0008082-24092-3-N-H	2024-08-21	FD (Field Duplicate)	D2-TW-0007982-24092-N	D2-TW-0007982-24092-N-H	D2-TW-0008084-24092-N	D2-TW-0008084-24092-N-H	D2-TW-0007814-24092-N
Volatile Organic Compounds (ppb)	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	0.660	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.400	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	1.06	--	ND	--	ND	--	ND

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2437A		D2-FOXB1118		D2-FOXB1204		D2-FOXB1301
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-CHAL2430C	D2-CHAL2437A	D2-CHAL2437A	D2-FOXB1118	D2-FOXB1118	D2-FOXB1204	D2-FOXB1204	D2-FOXB1301
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				2430C Challenger Loop	2437A Challenger Loop	2437A Challenger Loop	1118 Fox Boulevard	1118 Fox Boulevard	1204 Fox Boulevard	1204 Fox Boulevard	1301 Fox Boulevard
				D2-TW-0007814-24092-N-H	D2-TW-0008088-24092-N	D2-TW-0008088-24092-N-H	D2-TW-0008470-24092-N	D2-TW-0008470-24092-N-H	D2-TW-0008476-24092-N	D2-TW-0008476-24092-N-H	D2-TW-0008480-24092-N
				2024-09-09	2024-09-25	2024-09-25	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-09-10
				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	--	--	294	7.00	2.00	ND	ND	ND	ND	49.0
Field Test (ppb)	Free Chlorine	4000	MCL	430	690	490	410	90.0	410	810	470
Field Test (pH)	pH	--	--	7.13	7.39	7.48	7.23	7.70	7.11	7.22	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.240	0.270	0.250	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	39.2	24.1	39.5	26.9	47.8	24.4	40.1	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.00	0.230	0.440	0.00	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57800	--	53400	--	51600	--	56900
	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	--	34.4	--	45.1	--	4.10	--	19.3
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Acenaphthylene	--	--	--	ND	--	--	--	--	--	ND
	Anthracene	--	--	--	ND	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	0.0160	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2437A		D2-FOXB1118		D2-FOXB1204		D2-FOXB1301
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-CHAL2430C	D2-CHAL2437A		D2-FOXB1118		D2-FOXB1204		D2-FOXB1301
				Residence	Residence		Residence		Residence		Residence
				2430C Challenger Loop	2437A Challenger Loop		1118 Fox Boulevard		1204 Fox Boulevard		1301 Fox Boulevard
				D2-TW-0007814-24092-N-H	D2-TW-0008088-24092-N	D2-TW-0008088-24092-N-H	D2-TW-0008470-24092-N	D2-TW-0008470-24092-N-H	D2-TW-0008476-24092-N	D2-TW-0008476-24092-N-H	D2-TW-0008480-24092-N
				2024-09-09	2024-09-25	2024-09-25	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-09-10
				N (Normal)	N (Normal)						
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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-CHAL2437A		D2-FOXB1118		D2-FOXB1204		D2-FOXB1301
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-CHAL2430C Residence 2430C Challenger Loop	2437A Challenger Loop		1118 Fox Boulevard		1204 Fox Boulevard		1301 Fox Boulevard
				D2-TW-0007814-24092-N-H	D2-TW-0008088-24092-N	D2-TW-0008088-24092-N-H	D2-TW-0008470-24092-N	D2-TW-0008470-24092-N-H	D2-TW-0008476-24092-N	D2-TW-0008476-24092-N-H	D2-TW-0008480-24092-N
				2024-09-09	2024-09-25	2024-09-25	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-09-10
				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	--	--	--	0.320	--	0.320	--	ND	--	0.370
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	0.290	--	ND	--	ND	--	0.270
	Total Trihalomethanes	80	MCL	--	0.610	--	0.320	--	ND	--	0.640

Summary of Chemistry Results

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-FOXB1301	D2-FOXB1405		D2-FOXB1505		D2-FOXB1603		D2-FOXB1707	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	1301 Fox Boulevard	1405 Fox Boulevard		1505 Fox Boulevard		1603 Fox Boulevard		1707 Fox Boulevard	
		Field Sample ID:	D2-TW-0008480-24092-N-H	D2-TW-0007857-24092-N	D2-TW-0007857-24092-N-H	D2-TW-0007860-24092-N	D2-TW-0007860-24092-N-H	D2-TW-0007862-24092-N	D2-TW-0007862-24092-N-H	D2-TW-0007869-24092-N	
		Sample Date:	2024-09-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	
		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	--	--	185	ND	ND	ND	ND	ND	ND	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	260	620	80.0	390	170	450	410	440
Field Test (pH)	pH	--	--	7.68	7.05	6.90	7.21	7.22	7.09	6.99	7.18
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.240	0.270	0.230	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	33.7	28.2	42.6	26.0	46.4	23.5	50.4	25.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.120	0.260	0.660	0.00	0.00	0.170	0.0240	0.00390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	54600	--	53700	--	53400	--	53900
	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	--	7.40	--	10.9	--	6.60	--	20.8
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

				Location ID:	D2-FOXB1301	D2-FOXB1405		D2-FOXB1505		D2-FOXB1603		D2-FOXB1707
				Location Type:	Residence	Residence		Residence		Residence		Residence
				Address:	1301 Fox Boulevard	1405 Fox Boulevard		1505 Fox Boulevard		1603 Fox Boulevard		1707 Fox Boulevard
				Field Sample ID:	D2-TW-0008480-24092-N-H	D2-TW-0007857-24092-N	D2-TW-0007857-24092-N-H	D2-TW-0007860-24092-N	D2-TW-0007860-24092-N-H	D2-TW-0007862-24092-N	D2-TW-0007862-24092-N-H	D2-TW-0007869-24092-N
				Sample Date:	2024-09-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10
				Sample Type:	N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	--	ND	--	ND

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		Location ID:	D2-FOXB1707	D2-FOXB1804		D2-FOXB1809		D2-FOXB1819		D2-FOXB1902	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	1707 Fox Boulevard	1804 Fox Boulevard		1809 Fox Boulevard		1819 Fox Boulevard		1902 Fox Boulevard	
		Field Sample ID:	D2-TW-0007869-24092-N-H	D2-TW-0007881-24092-N	D2-TW-0007881-24092-N-H	D2-TW-0006909-24092-N	D2-TW-0006909-24092-N-H	D2-TW-0007223-24092-N	D2-TW-0007223-24092-N-H	D2-TW-0007426-24092-N	
		Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-09-10	2024-09-10	2024-07-10	2024-07-10	2024-09-09	
		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	--	--	10.0	ND	ND	9.00	3.00	ND	ND	24.0
Field Test (ppb)	Free Chlorine	4000	MCL	370	250	270	450	80.0	360	130	480
Field Test (pH)	pH	--	--	7.27	7.32	7.74	7.10	7.06	7.31	7.38	7.02
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.280	0.260	0.280	0.250	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	44.5	25.4	43.9	28.3	45.3	24.8	38.2	27.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0810	0.00	0.00	1.33	0.880	0.0270	0.0420	1.18
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53600	--	53700	--	52400	--	54500
	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	--	41.5	--	50.0	--	41.8	--	119
	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB1804		D2-FOXB1809		D2-FOXB1819		D2-FOXB1902														
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:											
				D2-FOXB1707 Residence 1707 Fox Boulevard	D2-TW-0007881-24092-N	2024-07-10	N (Normal)	D2-TW-0007881-24092-N	2024-07-10	N (Normal)	D2-TW-0006909-24092-N	2024-09-10	N (Normal)	D2-TW-0006909-24092-N	2024-09-10	N (Normal)	D2-TW-0007223-24092-N	2024-07-10	N (Normal)	D2-TW-0007223-24092-N	2024-07-10	N (Normal)	D2-TW-0007426-24092-N	2024-09-09	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	--	--	--	--	--	--	--	ND
	Phenanthrene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	Benzene	5	MCL	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	Cumene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	m,p-Xylene	--	--	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	n-Butylbenzene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	--	ND	--	--	ND	--	--	ND	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	ND
	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

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB1804		D2-FOXB1809		D2-FOXB1819		D2-FOXB1902																						
				Location Type:	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:																
				D2-FOXB1707 Residence 1707 Fox Boulevard	D2-TW-0007869-24092-N-H	2024-07-10	N (Normal)	D2-FOXB1804 Residence 1804 Fox Boulevard	D2-TW-0007881-24092-N	2024-07-10	N (Normal)	D2-TW-0007881-24092-N-H	2024-07-10	N (Normal)	D2-FOXB1809 Residence 1809 Fox Boulevard	D2-TW-0006909-24092-N	2024-09-10	N (Normal)	D2-TW-0006909-24092-N-H	2024-09-10	N (Normal)	D2-FOXB1819 Residence 1819 Fox Boulevard	D2-TW-0007223-24092-N	2024-07-10	N (Normal)	D2-TW-0007223-24092-N-H	2024-07-10	N (Normal)	D2-FOXB1902 Residence 1902 Fox Boulevard	D2-TW-0007426-24092-N	2024-09-09	N (Normal)	
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-FOXB1902	D2-FOXB1913		D2-FOXB1917		D2-FOXB1922		D2-FOXB1928	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	1902 Fox Boulevard	1913 Fox Boulevard		1917 Fox Boulevard		1922 Fox Boulevard		1928 Fox Boulevard	
		Field Sample ID:	D2-TW-0007426-24092-N-H	D2-TW-0007437-24092-N	D2-TW-0007437-24092-N-H	D2-TW-0007763-24092-N	D2-TW-0007763-24092-N-H	D2-TW-0007768-24092-N	D2-TW-0007768-24092-N-H	D2-TW-0008002-24092-N	
		Sample Date:	2024-09-09	2024-07-10	2024-07-10	2024-09-25	2024-09-25	2024-09-25	2024-09-25	2024-09-25	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	8.00	77.0	65.0	ND	9.00	55.0	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	250	550	20.0	520	460	370	160	490
Field Test (pH)	pH	--	--	7.07	7.19	7.56	7.23	7.05	7.31	7.56	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.240	0.280	0.240	0.260	0.240	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	40.7	24.3	47.4	24.7	40.3	24.6	35.8	27.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.520	0.00	0.00	0.700	0.00700	0.00	0.00	0.420
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53600	--	54600	--	56800	--	53700
	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	--	37.4	--	52.8	--	50.9	--	90.4
	Lead	15	MCL	--	ND	--	0.270	--	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB1913		D2-FOXB1917		D2-FOXB1922		D2-FOXB1928			
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location Type:
				D2-FOXB1902 Residence 1902 Fox Boulevard	D2-FOXB1913 Residence 1913 Fox Boulevard	D2-FOXB1913 Residence 1913 Fox Boulevard	D2-FOXB1917 Residence 1917 Fox Boulevard	D2-FOXB1917 Residence 1917 Fox Boulevard	D2-FOXB1922 Residence 1922 Fox Boulevard	D2-FOXB1922 Residence 1922 Fox Boulevard	D2-FOXB1928 Residence 1928 Fox Boulevard			
				D2-TW-0007426-24092-N-H	D2-TW-0007437-24092-N	D2-TW-0007437-24092-N-H	D2-TW-0007763-24092-N	D2-TW-0007763-24092-N-H	D2-TW-0007768-24092-N	D2-TW-0007768-24092-N-H	D2-TW-0008002-24092-N			
				2024-09-09	2024-07-10	2024-07-10	2024-09-25	2024-09-25	2024-09-25	2024-09-25	2024-09-25			
				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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB1913		D2-FOXB1917		D2-FOXB1922		D2-FOXB1928
				D2-FOXB1902	Residence		Residence		Residence		Residence
				1902 Fox Boulevard	1913 Fox Boulevard		1917 Fox Boulevard		1922 Fox Boulevard		1928 Fox Boulevard
				D2-TW-0007426-24092-N-H	D2-TW-0007437-24092-N	D2-TW-0007437-24092-N-H	D2-TW-0007763-24092-N	D2-TW-0007763-24092-N-H	D2-TW-0007768-24092-N	D2-TW-0007768-24092-N-H	D2-TW-0008002-24092-N
				2024-09-09	2024-07-10	2024-07-10	2024-09-25	2024-09-25	2024-09-25	2024-09-25	2024-09-25
				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 D2

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 D2

		Location ID:	D2-FOXB1928	D2-FOXB2003		D2-FOXB2016		D2-FOXB2017		D2-FOXB2025	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	1928 Fox Boulevard	2003 Fox Boulevard		2016 Fox Boulevard		2017 Fox Boulevard		2025 Fox Boulevard	
		Field Sample ID:	D2-TW-0008002-24092-N-H	D2-TW-0007031-24092-N	D2-TW-0007031-24092-N-H	D2-TW-0007043-24092-N	D2-TW-0007043-24092-N-H	D2-TW-0007044-24092-N	D2-TW-0007044-24092-N-H	D2-TW-0007048-24092-N	
		Sample Date:	2024-09-25	2024-09-10	2024-09-10	2024-09-25	2024-09-25	2024-07-10	2024-07-10	2024-09-26	
		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	--	--	29.0	21.0	248	21.0	206	ND	ND	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	70.0	370	260	520	20.0	790	30.0	550
Field Test (pH)	pH	--	--	7.61	7.21	7.35	7.16	8.21	7.38	7.40	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.280	0.250	0.280	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	27.5	24.9	38.6	26.7	43.3	26.2	47.7	27.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.260	0.00	0.00	0.490	0.00	0.00820	0.520
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53500	--	54200	--	53100	--	55100
	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	--	95.3	--	135	--	118	--	32.3
	Lead	15	MCL	--	0.140	--	ND	--	0.220	--	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 D2

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 D2

		Location ID:	D2-FOXB1928	D2-FOXB2003		D2-FOXB2016		D2-FOXB2017		D2-FOXB2025
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	1928 Fox Boulevard	2003 Fox Boulevard		2016 Fox Boulevard		2017 Fox Boulevard		2025 Fox Boulevard
		Field Sample ID:	D2-TW-0008002-24092-N-H	D2-TW-0007031-24092-N	D2-TW-0007031-24092-N-H	D2-TW-0007043-24092-N	D2-TW-0007043-24092-N-H	D2-TW-0007044-24092-N	D2-TW-0007044-24092-N-H	D2-TW-0007048-24092-N
		Sample Date:	2024-09-25	2024-09-10	2024-09-10	2024-09-25	2024-09-25	2024-07-10	2024-07-10	2024-09-26
		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 D2

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB2003		D2-FOXB2016		D2-FOXB2017		D2-FOXB2025
				D2-FOXB1928	Residence		Residence		Residence		Residence
				1928 Fox Boulevard	2003 Fox Boulevard		2016 Fox Boulevard		2017 Fox Boulevard		2025 Fox Boulevard
				D2-TW-0008002-24092-N-H	D2-TW-0007031-24092-N	D2-TW-0007031-24092-N-H	D2-TW-0007043-24092-N	D2-TW-0007043-24092-N-H	D2-TW-0007044-24092-N	D2-TW-0007044-24092-N-H	D2-TW-0007048-24092-N
				2024-09-25	2024-09-10	2024-09-10	2024-09-25	2024-09-25	2024-07-10	2024-07-10	2024-09-26
				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 D2

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 D2

		Location ID:	D2-FOXB2025	D2-FOXB2029		D2-FOXB2031		D2-GEMI0318		D2-GEMI0613	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	2025 Fox Boulevard	2029 Fox Boulevard		2031 Fox Boulevard		318 Gemini Avenue		613 Gemini Avenue	
		Field Sample ID:	D2-TW-0007048-24092-N-H	D2-TW-0007050-24092-N	D2-TW-0007050-24092-N-H	D2-TW-0007051-24092-N	D2-TW-0007051-24092-N-H	D2-TW-0007149-24092-N	D2-TW-0007149-24092-N-H	D2-TW-0007151-24092-N	
		Sample Date:	2024-09-26	2024-09-10	2024-09-10	2024-09-27	2024-09-27	2024-09-09	2024-09-09	2024-09-10	
		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	--	--	5.00	19.0	21.0	4.00	133	11.0	16.0	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	50.0	460	410	510	150	600	230	450
Field Test (pH)	pH	--	--	7.46	7.30	7.28	7.29	7.26	7.34	7.32	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.280	0.240	0.260	0.260	0.270	0.270
Field Test (degrees Celcius)	Temperature	--	--	41.7	25.2	32.4	26.5	38.2	24.3	42.4	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.780	0.710	0.830	0.00	0.0280	0.770	0.00	0.980
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53900	--	55000	--	55400	--	55700
	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	--	44.9	--	47.5	--	4.40	--	10.2
	Lead	15	MCL	--	0.150	--	0.310	--	ND	--	0.160
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB2029		D2-FOXB2031		D2-GEMI0318		D2-GEMI0613
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-FOXB2025 Residence 2025 Fox Boulevard	D2-TW-0007050-24092-N	D2-TW-0007050-24092-N-H	D2-TW-0007051-24092-N	D2-TW-0007051-24092-N-H	D2-TW-0007149-24092-N	D2-TW-0007149-24092-N-H	D2-TW-0007151-24092-N
					2024-09-10	2024-09-10	2024-09-27	2024-09-27	2024-09-09	2024-09-09	2024-09-10
					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	--	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-FOXB2029		D2-FOXB2031		D2-GEMI0318		D2-GEMI0613																										
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																							
				D2-FOXB2025 Residence 2025 Fox Boulevard	D2-TW-0007048-24092-N-H	2024-09-26	N (Normal)	D2-FOXB2029 Residence 2029 Fox Boulevard	D2-TW-0007050-24092-N	2024-09-10	N (Normal)	D2-TW-0007051-24092-N-H	2024-09-10	N (Normal)	D2-FOXB2031 Residence 2031 Fox Boulevard	D2-TW-0007051-24092-N	2024-09-27	N (Normal)	D2-TW-0007051-24092-N-H	2024-09-27	N (Normal)	D2-GEMI0318 Residence 318 Gemini Avenue	D2-TW-0007149-24092-N	2024-09-09	N (Normal)	D2-TW-0007149-24092-N-H	2024-09-09	N (Normal)	D2-GEMI0613 Residence 613 Gemini Avenue	D2-TW-0007151-24092-N	2024-09-10	N (Normal)					
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND		
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND		
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND		

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-GEMI0613	D2-GEMI0717		D2-HOAA0907		D2-HONU0115		D2-JULI0013	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	613 Gemini Avenue	717 Gemini Avenue		907 Hoano Alley		115 Honu Alley		13 Julian Avenue	
		Field Sample ID:	D2-TW-0007151-24092-N-H	D2-TW-0007157-24092-N	D2-TW-0007157-24092-N-H	D2-TW-0008133-24092-N	D2-TW-0008133-24092-N-H	D2-TW-0008139-24092-N	D2-TW-0008139-24092-N-H	D2-TW-0008051-24092-N	
		Sample Date:	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-07-11	2024-07-11	2024-07-09	
		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	18.0	ND	5.00	ND	ND	ND	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	240	540	240	420	30.0	430	100	570
Field Test (pH)	pH	--	--	7.44	7.01	6.98	7.26	7.46	7.43	7.74	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.300	0.260	0.280	0.260	0.280	0.250	0.280	0.220
Field Test (degrees Celcius)	Temperature	--	--	44.3	27.6	48.4	26.3	49.9	26.6	48.2	24.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.720	1.28	0.900	0.0950	0.480	0.330	0.130	0.220
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55000	--	54300	--	56600	--	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	--	7.00	--	14.5	--	14.7	--	90.5
	Lead	15	MCL	--	ND	--	ND	--	0.260	--	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	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	0.0150
	Benzo(b)fluoranthene	--	--	--	ND	--	ND	--	--	--	--

Summary of Chemistry Results

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		Location ID:	D2-GEMI0613	D2-GEMI0717		D2-HOAA0907		D2-HONU0115		D2-JULI0013
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	613 Gemini Avenue	717 Gemini Avenue		907 Hoano Alley		115 Honu Alley		13 Julian Avenue
		Field Sample ID:	D2-TW-0007151-24092-N-H	D2-TW-0007157-24092-N	D2-TW-0007157-24092-N-H	D2-TW-0008133-24092-N	D2-TW-0008133-24092-N-H	D2-TW-0008139-24092-N	D2-TW-0008139-24092-N-H	D2-TW-0008051-24092-N
		Sample Date:	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-07-11	2024-07-11	2024-07-09
		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	--	ND	--	ND	ND

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		Location ID:	D2-GEMI0613	D2-GEMI0717		D2-HOAA0907		D2-HONU0115		D2-JULI0013	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	613 Gemini Avenue	717 Gemini Avenue		907 Hoaano Alley		115 Honu Alley		13 Julian Avenue	
		Field Sample ID:	D2-TW-0007151-24092-N-H	D2-TW-0007157-24092-N	D2-TW-0007157-24092-N-H	D2-TW-0008133-24092-N	D2-TW-0008133-24092-N-H	D2-TW-0008139-24092-N	D2-TW-0008139-24092-N-H	D2-TW-0008051-24092-N	
		Sample Date:	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-09-10	2024-07-11	2024-07-11	2024-07-09	
		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	--	--	--	ND	--	0.320	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	0.670	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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

Notes:
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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 D2

		Location ID:	D2-JULI0013	D2-JULI0301		D2-JULI0302		D2-JULI0307		D2-JULI0402	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	13 Julian Avenue	301 Julian Avenue		302 Julian Avenue		307 Julian Avenue		402 Julian Avenue	
		Field Sample ID:	D2-TW-0008051-24092-N-H	D2-TW-0007264-24092-N	D2-TW-0007264-24092-N-H	D2-TW-0007265-24092-N-H-WQI	D2-TW-0007265-24092-N-WQI	D2-TW-0007267-24092-N	D2-TW-0007267-24092-N-H	D2-TW-0007270-24092-N	
		Sample Date:	2024-07-09	2024-08-30	2024-08-30	2024-09-18	2024-09-18	2024-08-30	2024-08-30	2024-08-30	
		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	300	ND	18.0	5.00	ND	87.0
Field Test (ppb)	Free Chlorine	4000	MCL	180	220	240	160	600	150	170	460
Field Test (pH)	pH	--	--	7.35	7.21	7.23	7.60	7.19	7.19	7.21	7.12
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.320	0.280	0.260	0.290	0.250
Field Test (degrees Celcius)	Temperature	--	--	45.3	26.0	40.5	53.5	27.5	26.5	48.1	27.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.410	0.270	0.00	0.500	0.000370	0.00	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52200	--	--	63300	53700	--	52500
	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	--	23.4	--	--	9.60	89.1	--	3.90
	Lead	15	MCL	--	ND	--	--	0.160	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	--	0.0150	--	--	ND	ND	--	0.0160
	Benzo(b)fluoranthene	--	--	--	ND	--	--	ND	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-JULI0013	D2-JULI0301		D2-JULI0302		D2-JULI0307		D2-JULI0402	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	13 Julian Avenue	301 Julian Avenue		302 Julian Avenue		307 Julian Avenue		402 Julian Avenue	
		Field Sample ID:	D2-TW-0008051-24092-N-H	D2-TW-0007264-24092-N	D2-TW-0007264-24092-N-H	D2-TW-0007265-24092-N-H-WQI	D2-TW-0007265-24092-N-WQI	D2-TW-0007267-24092-N	D2-TW-0007267-24092-N-H	D2-TW-0007270-24092-N	
		Sample Date:	2024-07-09	2024-08-30	2024-08-30	2024-09-18	2024-09-18	2024-08-30	2024-08-30	2024-08-30	
		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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-JULI0301		D2-JULI0302		D2-JULI0307		D2-JULI0402
				Location Type:	Residence		Residence		Residence		Residence
				Address:	301 Julian Avenue		302 Julian Avenue		307 Julian Avenue		402 Julian Avenue
				Field Sample ID:	D2-TW-0007264-24092-N	D2-TW-0007264-24092-N-H	D2-TW-0007265-24092-N-H-WQI	D2-TW-0007265-24092-N-WQI	D2-TW-0007267-24092-N	D2-TW-0007267-24092-N-H	D2-TW-0007270-24092-N
				Sample Date:	2024-08-30	2024-08-30	2024-09-18	2024-09-18	2024-08-30	2024-08-30	2024-08-30
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	--	ND	ND	--	0.320
	Chloroform	--	--	--	ND	--	--	ND	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	--	ND	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	--	ND	ND	--	0.320

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-JULI0402	D2-KAWE0671					D2-KOAA0501		D2-KULE0602
		Location Type:	Residence	Residence					Residence		Residence
		Address:	402 Julian Avenue	671 Kawehiwehi Street					501 Koaaina Alley		602 Kulekia Alley
		Field Sample ID:	D2-TW-0007270-24092-N-H	D2-TW-0008419-24092-N	D2-TW-0008419-24092-N-H	D2-TW-0008419-24092-3-N	D2-TW-0008419-24092-3-N-H	D2-TW-0007781-24092-N	D2-TW-0007781-24092-N-H	D2-TW-0007790-24092-N	
		Sample Date:	2024-08-30	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-09-27	2024-09-27	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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	23.0	ND	ND	ND	ND	16.0	ND	32.0
Field Test (ppb)	Free Chlorine	4000	MCL	440	560	120	--	--	590	130	640
Field Test (pH)	pH	--	--	7.25	7.18	7.51	--	--	7.41	7.35	7.27
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.270	--	--	0.240	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	37.9	24.4	49.5	--	--	26.6	44.3	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.230	0.0500	0.00	--	--	0.00	0.100	0.150
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53800	--	53100	--	56800	--	56400
	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	--	5.20	--	6.70	--	6.30
	Lead	15	MCL	--	0.130	--	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	--	0.0150	--	ND	--	ND	--	ND
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-JULI0402	D2-KAWE0671					D2-KOAA0501		D2-KULE0602
		Location Type:	Residence	Residence					Residence		Residence
		Address:	402 Julian Avenue	671 Kawehiwehi Street					501 Koaaina Alley		602 Kulekia Alley
		Field Sample ID:	D2-TW-0007270-24092-N-H	D2-TW-0008419-24092-N	D2-TW-0008419-24092-N-H	D2-TW-0008419-24092-3-N	D2-TW-0008419-24092-3-N-H	D2-TW-0007781-24092-N	D2-TW-0007781-24092-N-H	D2-TW-0007790-24092-N	
		Sample Date:	2024-08-30	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-09-27	2024-09-27	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	--	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-KAWE0671				D2-KOAA0501		D2-KULE0602	
				Location Type:	Residence				Residence		Residence	
				Address:	671 Kawehiwehi Street				501 Koaaina Alley		602 Kulekia Alley	
				Field Sample ID:	D2-TW-0008419-24092-N	D2-TW-0008419-24092-N	D2-TW-0008419-24092-N-H	D2-TW-0008419-24092-3-N	D2-TW-0008419-24092-3-N-H	D2-TW-0007781-24092-N	D2-TW-0007781-24092-N-H	D2-TW-0007790-24092-N
				Sample Date:	2024-08-30	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-09-27	2024-09-27	2024-09-27
				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	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-KULE0602	D2-KULE0604		D2-KULE0606		D2-KUMA0287		D2-LELE0621	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	602 Kulekia Alley	604 Kulekia Alley		606 Kulekia Alley		287 Kumama Alley		621 Lelemanu Alley	
		Field Sample ID:	D2-TW-0007790-24092-N-H	D2-TW-0007792-24092-N	D2-TW-0007792-24092-N-H	D2-TW-0007917-24092-N	D2-TW-0007917-24092-N-H	D2-TW-0006984-24092-N	D2-TW-0006984-24092-N-H	D2-TW-0006991-24092-N	
		Sample Date:	2024-09-27	2024-07-10	2024-07-10	2024-09-27	2024-09-27	2024-09-10	2024-09-10	2024-09-24	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	130	52.0	65.0
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	840	50.0	650	300	520	120	580
Field Test (pH)	pH	--	--	7.38	7.31	7.41	7.45	7.44	7.19	7.44	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.240	0.280	0.250	0.270	0.260	0.280	0.260
Field Test (degrees Celcius)	Temperature	--	--	47.4	23.2	55.5	23.3	42.0	23.5	35.8	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.00	0.120	0.00	0.420	0.700	0.700	0.250
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53800	--	53700	--	55400	--	56400
	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	--	2.90	--	5.80	--	12.6	--	17.7
	Lead	15	MCL	--	ND	--	ND	--	0.280	--	0.380
	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 D2

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 D2

		Location ID:	D2-KULE0602	D2-KULE0604		D2-KULE0606		D2-KUMA0287		D2-LELE0621	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	602 Kulekia Alley	604 Kulekia Alley		606 Kulekia Alley		287 Kumama Alley		621 Lelemanu Alley	
		Field Sample ID:	D2-TW-0007790-24092-N-H	D2-TW-0007792-24092-N	D2-TW-0007792-24092-N-H	D2-TW-0007917-24092-N	D2-TW-0007917-24092-N-H	D2-TW-0006984-24092-N	D2-TW-0006984-24092-N-H	D2-TW-0006991-24092-N	
		Sample Date:	2024-09-27	2024-07-10	2024-07-10	2024-09-27	2024-09-27	2024-09-10	2024-09-10	2024-09-24	
		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	--	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 D2

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 D2

		Location ID:	D2-KULE0602	D2-KULE0604		D2-KULE0606		D2-KUMA0287		D2-LELE0621
		Location Type:	Residence	Residence		Residence		Residence		Residence
		Address:	602 Kulekia Alley	604 Kulekia Alley		606 Kulekia Alley		287 Kumama Alley		621 Lelemanu Alley
		Field Sample ID:	D2-TW-0007790-24092-N-H	D2-TW-0007792-24092-N	D2-TW-0007792-24092-N-H	D2-TW-0007917-24092-N	D2-TW-0007917-24092-N-H	D2-TW-0006984-24092-N	D2-TW-0006984-24092-N-H	D2-TW-0006991-24092-N
		Sample Date:	2024-09-27	2024-07-10	2024-07-10	2024-09-27	2024-09-27	2024-09-10	2024-09-10	2024-09-24
		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	0.320
	Chloroform	--	--	--	ND	--	ND	--	ND	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	0.260
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	0.580

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LELE0726		D2-LEWA0245		D2-LEWA0321		D2-LEWA0337
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-LELE0621 Residence 621 Lelemanu Alley	726 Lelemanu Alley		245 Lewa Hia Loop		321 Lewa Mawaho Loop		337 Lewa Mawaho Loop
				D2-TW-0006991-24092-N-H	D2-TW-0007618-24092-N	D2-TW-0007618-24092-N-H	D2-TW-0007623-24092-N	D2-TW-0007623-24092-N-H	D2-TW-0008228-24092-N	D2-TW-0008228-24092-N-H	D2-TW-0008238-24092-N
				2024-09-24	2024-08-27	2024-08-27	2024-09-24	2024-09-24	2024-09-25	2024-09-25	2024-09-24
				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	9.00	15.0	3.00	ND	ND	ND	17.0
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	700	230	670	120	680	100	680
Field Test (pH)	pH	--	--	7.48	7.25	7.24	7.21	7.34	7.35	7.57	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.240	0.260	0.250	0.280	0.260	0.290	0.260
Field Test (degrees Celcius)	Temperature	--	--	43.1	25.8	42.7	23.6	52.6	25.4	40.6	24.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.120	0.00	0.000240	0.640	0.550	0.00	0.00	0.240
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52900	--	57100	--	58800	--	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	--	8.20	--	4.00	--	7.50	--	10.1
	Lead	15	MCL	--	ND	--	ND	--	ND	--	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	--	ND	--	ND
	Anthracene	--	--	--	ND	--	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LELE0726		D2-LEWA0245		D2-LEWA0321		D2-LEWA0337
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-LELE0621 Residence 621 Lelemanu Alley	726 Lelemanu Alley		245 Lewa Hia Loop		321 Lewa Mawaho Loop		337 Lewa Mawaho Loop
				D2-TW-0006991-24092-N-H 2024-09-24 N (Normal)	D2-TW-0007618-24092-N 2024-08-27 N (Normal)	D2-TW-0007618-24092-N-H 2024-08-27 N (Normal)	D2-TW-0007623-24092-N 2024-09-24 N (Normal)	D2-TW-0007623-24092-N-H 2024-09-24 N (Normal)	D2-TW-0008228-24092-N 2024-09-25 N (Normal)	D2-TW-0008228-24092-N-H 2024-09-25 N (Normal)	D2-TW-0008238-24092-N 2024-09-24 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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LELE0726		D2-LEWA0245		D2-LEWA0321		D2-LEWA0337	
				D2-LELE0621	Residence		Residence		Residence		Residence	
				Address:	Address:		Address:		Address:		Address:	
				Field Sample ID:	D2-TW-0006991-24092-N-H	D2-TW-0007618-24092-N	D2-TW-0007618-24092-N-H	D2-TW-0007623-24092-N	D2-TW-0007623-24092-N-H	D2-TW-0008228-24092-N	D2-TW-0008228-24092-N-H	D2-TW-0008238-24092-N
				Sample Date:	2024-09-24	2024-08-27	2024-08-27	2024-09-24	2024-09-24	2024-09-25	2024-09-25	2024-09-24
				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 D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0351		D2-LEWA0355		D2-LEWA0373		D2-LEWA0377	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		
				Address:	351 Lewa Mawaho Loop		355 Lewa Mawaho Loop		373 Lewahana Loop		377 Lewahana Loop	
				Field Sample ID:	D2-TW-0008150-24092-N-H	D2-TW-0008150-24092-N	D2-TW-0008150-24092-N-H	D2-TW-0008152-24092-N	D2-TW-0008152-24092-N-H	D2-TW-0008162-24092-N	D2-TW-0008162-24092-N-H	D2-TW-0007403-24092-N-WQI
				Sample Date:	2024-09-24	2024-09-26	2024-09-26	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-25
				Sample Type:	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	--	--	1.00	16.0	22.0	1.00	ND	21.0	ND	2.00	
Field Test (ppb)	Free Chlorine	4000	MCL	290	620	520	620	480	640	270	630	
Field Test (pH)	pH	--	--	7.36	7.16	7.27	7.23	7.14	7.19	7.14	7.20	
Field Test (ms/cm)	Specific Conductivity	--	--	0.290	0.250	0.280	0.250	0.260	0.260	0.280	0.240	
Field Test (degrees Celcius)	Temperature	--	--	48.4	24.0	45.4	26.3	28.3	25.9	45.2	24.5	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0250	0.560	0.260	0.680	0.00	0.780	0.400	0.110	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56100	--	56900	--	56800	--	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	--	6.80	--	9.80	--	7.30	--	6.10	
	Lead	15	MCL	--	0.230	--	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	--	ND	--	ND	--	ND	
	Anthracene	--	--	--	ND	--	ND	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	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 Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0351		D2-LEWA0355		D2-LEWA0373		D2-LEWA0377
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				D2-LEWA0337	D2-LEWA0351	D2-LEWA0351	D2-LEWA0355	D2-LEWA0355	D2-LEWA0373	D2-LEWA0373	D2-LEWA0377
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				337 Lewa Mawaho Loop	351 Lewa Mawaho Loop	351 Lewa Mawaho Loop	355 Lewa Mawaho Loop	355 Lewa Mawaho Loop	373 Lewahana Loop	373 Lewahana Loop	377 Lewahana Loop
				D2-TW-0008238-24092-N-H	D2-TW-0008150-24092-N	D2-TW-0008150-24092-N-H	D2-TW-0008152-24092-N	D2-TW-0008152-24092-N-H	D2-TW-0008162-24092-N	D2-TW-0008162-24092-N-H	D2-TW-0007403-24092-N-WQI
				2024-09-24	2024-09-26	2024-09-26	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-25
				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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0351		D2-LEWA0355		D2-LEWA0373		D2-LEWA0377
				Location Type:	Residence		Residence		Residence		Residence
				Address:	351 Lewa Mawaho Loop		355 Lewa Mawaho Loop		373 Lewahana Loop		377 Lewahana Loop
				Field Sample ID:	D2-TW-0008150-24092-N	D2-TW-0008150-24092-N-H	D2-TW-0008152-24092-N	D2-TW-0008152-24092-N-H	D2-TW-0008162-24092-N	D2-TW-0008162-24092-N-H	D2-TW-0007403-24092-N-WQI
				Sample Date:	2024-09-24	2024-09-26	2024-09-24	2024-09-26	2024-09-24	2024-09-24	2024-09-25
				Sample Type:	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	--	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 D2

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 D2

		Location ID:	D2-LEWA0377	D2-LEWA0378		D2-LEWA0388		D2-MERC0212		D2-MERC0228	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	377 Lewahana Loop	378 Lewahana Loop		388 Lewahana Loop		212 Mercury Street		228 Mercury Street	
		Field Sample ID:	D2-TW-0007403-24092-N-H-WQI	D2-TW-0007404-24092-N	D2-TW-0007404-24092-N-H	D2-TW-0007273-24092-N	D2-TW-0007273-24092-N-H	D2-TW-0007294-24092-N	D2-TW-0007294-24092-N-H	D2-TW-0007301-24092-N	
		Sample Date:	2024-09-25	2024-07-29	2024-07-29	2024-09-27	2024-09-27	2024-08-19	2024-08-19	2024-07-10	
		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	45.0	147	3.00	ND	12.0
Field Test (ppb)	Free Chlorine	4000	MCL	290	660	450	480	50.0	610	180	450
Field Test (pH)	pH	--	--	7.21	7.10	7.10	7.53	7.62	7.16	7.34	7.25
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.290	0.290	0.250	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	42.6	26.9	43.8	24.3	40.3	25.8	41.3	24.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.920	0.450	2.75	0.130	0.270	0.510	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56600	--	54300	--	54100	--	53800
	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	--	23.1	--	12.8	--	7.70	--	9.50
	Lead	15	MCL	--	0.140	--	0.260	--	ND	--	0.150
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	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 D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0378		D2-LEWA0388		D2-MERC0212		D2-MERC0228																															
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																												
				D2-LEWA0377	Residence	377 Lewahana Loop	D2-TW-0007403-24092-N-H-WQI	2024-09-25	N (Normal)	D2-LEWA0378	Residence	378 Lewahana Loop	D2-TW-0007404-24092-N	2024-07-29	N (Normal)	D2-LEWA0388	Residence	388 Lewahana Loop	D2-TW-0007273-24092-N	2024-09-27	N (Normal)	D2-TW-0007273-24092-N-H	2024-09-27	N (Normal)	D2-MERC0212	Residence	212 Mercury Street	D2-TW-0007294-24092-N	2024-08-19	N (Normal)	D2-TW-0007294-24092-N-H	2024-08-19	N (Normal)	D2-MERC0228	Residence	228 Mercury Street	D2-TW-0007301-24092-N	2024-07-10	N (Normal)			
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	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	
	Phenanthrene	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Pyrene	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	--	ND	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	Benzene	5	MCL	--	--	ND	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	
	Cumene	--	--	--	--	--	--	ND	--	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	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	o-Xylene	--	--	--	--	ND	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	ND	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	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

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-LEWA0378		D2-LEWA0388		D2-MERC0212		D2-MERC0228																															
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																												
				D2-LEWA0377	Residence	377 Lewahana Loop	D2-TW-0007403-24092-N-H-WQI	2024-09-25	N (Normal)	D2-LEWA0378	Residence	378 Lewahana Loop	D2-TW-0007404-24092-N	2024-07-29	N (Normal)	D2-TW-0007404-24092-N-H	2024-07-29	N (Normal)	D2-LEWA0388	Residence	388 Lewahana Loop	D2-TW-0007273-24092-N	2024-09-27	N (Normal)	D2-TW-0007273-24092-N-H	2024-09-27	N (Normal)	D2-MERC0212	Residence	212 Mercury Street	D2-TW-0007294-24092-N	2024-08-19	N (Normal)	D2-TW-0007294-24092-N-H	2024-08-19	N (Normal)	D2-MERC0228	Residence	228 Mercury Street	D2-TW-0007301-24092-N	2024-07-10	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	1.50	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND			
	Dibromochloromethane	--	--	--	ND	--	0.510	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND			
	Total Trihalomethanes	80	MCL	--	ND	--	2.01	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND			

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Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID: D2-MERC0228		D2-MERC0233					D2-MONT0300		D2-MONT0302
		Location Type: Residence		Residence					Residence		Residence
		Address: 228 Mercury Street		233 Mercury Street					300 Monthan Street		302 Monthan Street
		Field Sample ID: D2-TW-0007301-24092-N-H		D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H	D2-TW-0007304-24092-3-N-H	D2-TW-0007508-24092-N	D2-TW-0007508-24092-N-H	D2-TW-0007704-24092-N
		Sample Date: 2024-07-10		2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-08-20	2024-08-20	2024-09-24
		Sample Type: N (Normal)		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								
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	6.00	39.0	3.00
Field Test (ppb)	Free Chlorine	4000	MCL	150	460	120	--	--	460	450	530
Field Test (pH)	pH	--	--	7.38	7.17	7.22	--	--	7.33	7.25	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.270	--	--	0.260	0.300	0.250
Field Test (degrees Celcius)	Temperature	--	--	44.0	24.9	43.6	--	--	25.5	38.4	29.1
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0560	0.00	0.0970	--	--	0.260	0.0490	0.780
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	52700	--	53800	--	55900	--	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	--	7.40	--	5.30	--	37.0	--	10.7
	Lead	15	MCL	--	ND	--	ND	--	ND	--	ND
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND
	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 D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:	D2-MERC0228	D2-MERC0233					D2-MONT0300		D2-MONT0302
		Location Type:	Residence	Residence					Residence		Residence
		Address:	228 Mercury Street	233 Mercury Street					300 Monthan Street		302 Monthan Street
		Field Sample ID:	D2-TW-0007301-24092-N-H	D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H	D2-TW-0007508-24092-N	D2-TW-0007508-24092-N-H	D2-TW-0007704-24092-N	
		Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-08-20	2024-08-20	2024-09-24	
		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	--	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-MERC0233					D2-MONT0300		D2-MONT0302
				D2-MERC0228	D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H	D2-TW-0007304-24092-N	D2-TW-0007508-24092-N-H	D2-TW-0007704-24092-N	
				Location Type:	Residence					Residence		Residence
				Address:	228 Mercury Street					300 Monthan Street		302 Monthan Street
				Field Sample ID:	D2-TW-0007301-24092-N-H	D2-TW-0007304-24092-N	D2-TW-0007304-24092-N-H	D2-TW-0007304-24092-3-N	D2-TW-0007304-24092-3-N-H	D2-TW-0007508-24092-N	D2-TW-0007508-24092-N-H	D2-TW-0007704-24092-N
				Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-08-20	2024-08-20	2024-09-24
				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	--	ND	
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND	
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND	
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone D2

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 D2

		Location ID:	D2-MONT0302	D2-MONT0303		D2-MOOR0303		D2-PORT1302		D2-PORT1822	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	302 Monthan Street	303 Monthan Street		303 Moore Street		1302 Porter Avenue		1822 Porter Avenue	
		Field Sample ID:	D2-TW-0007704-24092-N-H	D2-TW-0007705-24092-N	D2-TW-0007705-24092-N-H	D2-TW-0007710-24092-N	D2-TW-0007710-24092-N-H	D2-TW-0007725-24092-N	D2-TW-0007725-24092-N-H	D2-TW-0007734-24092-N	
		Sample Date:	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-10	
		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	--	--	6.00	2.00	ND	23.0	3.00	49.0	16.0	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	480	540	560	440	20.0	640	440	500
Field Test (pH)	pH	--	--	7.44	7.18	7.21	7.23	7.24	7.26	7.49	7.08
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270	0.260	0.280	0.250	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	48.0	25.2	42.4	26.6	40.0	28.8	42.7	27.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.560	0.0950	0.00	0.330	0.0400	0.00	0.0400	2.75
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	56800	--	55300	--	57500	--	57000
	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	--	3.80	--	11.2	--	9.90	--	57.3
	Lead	15	MCL	--	ND	--	0.780	--	ND	--	0.290
	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 D2

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 D2

		Location ID:	D2-MONT0302	D2-MONT0303		D2-MOOR0303		D2-PORT1302		D2-PORT1822	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	302 Monthan Street	303 Monthan Street		303 Moore Street		1302 Porter Avenue		1822 Porter Avenue	
		Field Sample ID:	D2-TW-0007704-24092-N-H	D2-TW-0007705-24092-N	D2-TW-0007705-24092-N-H	D2-TW-0007710-24092-N	D2-TW-0007710-24092-N-H	D2-TW-0007725-24092-N	D2-TW-0007725-24092-N-H	D2-TW-0007734-24092-N	
		Sample Date:	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-10	
		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 D2

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 D2

		Location ID:	D2-MONT0302	D2-MONT0303		D2-MOOR0303		D2-PORT1302		D2-PORT1822	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	302 Monthan Street	303 Monthan Street		303 Moore Street		1302 Porter Avenue		1822 Porter Avenue	
		Field Sample ID:	D2-TW-0007704-24092-N-H	D2-TW-0007705-24092-N	D2-TW-0007705-24092-N-H	D2-TW-0007710-24092-N	D2-TW-0007710-24092-N-H	D2-TW-0007725-24092-N	D2-TW-0007725-24092-N-H	D2-TW-0007734-24092-N	
		Sample Date:	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-24	2024-09-10	
		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 D2
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 D2

		Location ID:	D2-PORT1822	D2-PORT1902			D2-SIGN0103A				D2-SIGN0201A
		Location Type:	Residence	Residence			Residence				Residence
		Address:	1822 Porter Avenue	1902 Porter Avenue			103A Signer Boulevard				201A Signer Boulevard
		Field Sample ID:	D2-TW-0007734-24092-N-H	D2-TW-0007740-24092-N-H-WQI	D2-TW-0007740-24092-N-WQI	D2-TW-0007930-24092-N	D2-TW-0007930-24092-N-H	D2-TW-0007930-24092-3-N	D2-TW-0007930-24092-3-N-H	D2-TW-0007932-24092-N-WQI	
		Sample Date:	2024-09-10	2024-07-16	2024-07-16	2024-07-09	2024-07-09	2024-07-09	2024-07-09	2024-07-02	
		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								
Bacterial Test (in 100 mL)	Coliform	--	--	--	--	Absent	Absent	--	Absent	--	Absent
	E. coli	--	--	--	--	Absent	Absent	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	23.0	2.00	ND	4.00	4.00	2.00	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	100	70.0	400	490	430	--	--	430
Field Test (pH)	pH	--	--	7.19	7.92	7.15	7.28	7.40	--	--	7.09
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.290	0.250	0.240	0.260	--	--	0.250
Field Test (degrees Celcius)	Temperature	--	--	37.6	45.7	27.5	24.5	41.7	--	--	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.380	0.00	0.490	0.0930	0.330	--	--	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	55800	53500	--	54500	--	50500
	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	--	--	127	5.20	--	5.30	--	24.0
	Lead	15	MCL	--	--	ND	ND	--	ND	--	ND
	Mercury	2	MCL	--	--	ND	ND	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	2-Methylnaphthalene	--	--	--	--	ND	ND	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	--	--	ND	ND	--	ND	--	ND
	Naphthalene	--	--	--	--	ND	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	--	ND	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	--	ND	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-PORT1902		D2-SIGN0103A				D2-SIGN0201A																				
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																	
				D2-PORT1822 Residence 1822 Porter Avenue	D2-TW-0007740-24092-N-H	2024-09-10	N (Normal)	D2-TW-0007740-24092-N-H-WQI	2024-07-16	N (Normal)	D2-TW-0007740-24092-N-WQI	2024-07-16	N (Normal)	D2-TW-0007930-24092-N	2024-07-09	N (Normal)	D2-TW-0007930-24092-N-H	2024-07-09	N (Normal)	D2-TW-0007930-24092-3-N	2024-07-09	FD (Field Duplicate)	D2-TW-0007930-24092-3-N-H	2024-07-09	FD (Field Duplicate)	D2-TW-0007932-24092-N-WQI	2024-07-02	N (Normal)			
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-SIGN0201E				D2-SIGN0201F		D2-SIGN0203D	
				Location Type:	Residence				Residence		Residence	
				Address:	201E Signer Boulevard				201F Signer Boulevard		203D Signer Boulevard	
				Field Sample ID:	D2-TW-0007936-24092-N	D2-TW-0007936-24092-N	D2-TW-0007936-24092-N-R1	D2-TW-0007937-24092-N	D2-TW-0007937-24092-N	D2-TW-0007941-24092-N	D2-TW-0007941-24092-N	
				Sample Date:	2024-07-02	2024-08-27	2024-08-27	2024-09-09	2024-08-27	2024-08-27	2024-08-20	2024-08-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	--	Absent	--	Absent	--	
	E. coli	--	--	--	Absent	--	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	47.0	20.0	--	13.0	5.00	5.00	22.0	
Field Test (ppb)	Free Chlorine	4000	MCL	690	520	460	170	470	430	600	660	
Field Test (pH)	pH	--	--	7.21	7.32	7.34	7.17	7.41	7.22	7.27	7.11	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.240	0.260	0.260	0.230	0.260	0.250	0.270	
Field Test (degrees Celcius)	Temperature	--	--	42.3	24.5	42.1	23.5	23.9	41.2	25.1	39.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	14.5	0.150	0.00	0.0390	0.400	0.00	0.00200	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	--	--	54600	54100	--	55000	--	
	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	--	19.7	--	--	22.4	--	12.7	--	
	Lead	15	MCL	--	0.160	--	--	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	--	ND	--	
	Anthracene	--	--	--	ND	--	--	ND	--	ND	--	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	--	ND	--	ND	--	

Summary of Chemistry Results

Zone D2

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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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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-SIGN0201E				D2-SIGN0201F		D2-SIGN0203D																
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:														
				D2-SIGN0201A Residence 201A Signer Boulevard	D2-TW-0007936-24092-N	2024-07-02	N (Normal)	D2-TW-0007936-24092-N	2024-08-27	N (Normal)	D2-TW-0007937-24092-N	2024-08-27	N (Normal)	D2-TW-0007941-24092-N	2024-08-20	N (Normal)											
					D2-TW-0007936-24092-N	2024-08-27	N (Normal)	D2-TW-0007936-24092-N-H	2024-08-27	N (Normal)	D2-TW-0007936-24092-N-R1	2024-09-09	N (Normal)	D2-TW-0007937-24092-N	2024-08-27	N (Normal)	D2-TW-0007937-24092-N-H	2024-08-27	N (Normal)	D2-TW-0007941-24092-N	2024-08-20	N (Normal)	D2-TW-0007941-24092-N-H	2024-08-20	N (Normal)		
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzo(g,h,i)perylene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Fluorene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Pyrene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	tert-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	ND	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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

Notes:
ND = Not Detected
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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)
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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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-SIGN0201E				D2-SIGN0201F		D2-SIGN0203D	
				D2-SIGN0201A	D2-TW-0007936-24092-N	D2-TW-0007936-24092-N-H	D2-TW-0007936-24092-N-R1	D2-TW-0007937-24092-N	D2-TW-0007937-24092-N-H	D2-TW-0007941-24092-N	D2-TW-0007941-24092-N-H	
				Location Type:	Residence				Residence		Residence	
				Address:	201E Signer Boulevard				201F Signer Boulevard		203D Signer Boulevard	
				Field Sample ID:	D2-TW-0007932-24092-N-H-WQI	D2-TW-0007936-24092-N	D2-TW-0007936-24092-N-H	D2-TW-0007936-24092-N-R1	D2-TW-0007937-24092-N	D2-TW-0007937-24092-N-H	D2-TW-0007941-24092-N	D2-TW-0007941-24092-N-H
				Sample Date:	2024-07-02	2024-08-27	2024-08-27	2024-09-09	2024-08-27	2024-08-27	2024-08-20	2024-08-20
				Sample Type:	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	--	
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 D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0302A		D2-SIGN0302E		D2-SIGN0302F			
				Residence	Residence	Residence		Residence		Residence	
				302A Signer Boulevard		302E Signer Boulevard		302F Signer Boulevard			
				D2-TW-0006966-24092-N	D2-TW-0006966-24092-N-H	D2-TW-0006970-24092-N	D2-TW-0006970-24092-N-H	D2-TW-0006971-24092-N	D2-TW-0006971-24092-N-H	D2-TW-0006971-24092-3-N	D2-TW-0006971-24092-3-N-H
				2024-07-30	2024-07-30	2024-09-19	2024-09-19	2024-08-20	2024-08-20	2024-08-20	2024-08-20
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	6.00	ND	11.0	7.00	7.00	11.0
Field Test (ppb)	Free Chlorine	4000	MCL	650	150	520	480	640	750	--	--
Field Test (pH)	pH	--	--	7.42	7.59	7.30	7.45	7.25	7.16	--	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.250	0.280	0.290	0.310	--	--
Field Test (degrees Celcius)	Temperature	--	--	25.7	37.5	25.4	40.5	25.3	39.5	--	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.150	0.00400	0.0140	0.00	0.00	2.19	--	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	58100	--	61400	--	55900	--	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	39.0	--	33.5	--	23.7	--	23.1	--
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	ND	--	ND	--	ND	--
	Anthracene	--	--	--	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	0.0250	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0302A		D2-SIGN0302E		D2-SIGN0302F							
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date		
				Location ID: D2-SIGN0302A	Location Type: Residence	Address: 302A Signer Boulevard	Location ID: D2-SIGN0302E	Location Type: Residence	Address: 302E Signer Boulevard	Location ID: D2-SIGN0302F	Location Type: Residence	Address: 302F Signer Boulevard			
				D2-TW-0006966-24092-N	2024-07-30	N (Normal)	D2-TW-0006966-24092-N-H	2024-07-30	N (Normal)	D2-TW-0006971-24092-N	2024-08-20	N (Normal)	D2-TW-0006971-24092-N-H	2024-08-20	N (Normal)
				D2-TW-0006966-24092-N	2024-07-30	N (Normal)	D2-TW-0006970-24092-N	2024-09-19	N (Normal)	D2-TW-0006970-24092-N-H	2024-09-19	N (Normal)	D2-TW-0006971-24092-3-N	2024-08-20	FD (Field Duplicate)
				D2-TW-0006966-24092-N	2024-07-30	N (Normal)	D2-TW-0006970-24092-N	2024-09-19	N (Normal)	D2-TW-0006971-24092-N	2024-08-20	N (Normal)	D2-TW-0006971-24092-3-N-H	2024-08-20	FD (Field Duplicate)
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chrysene	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	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	--
	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	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Cumene	--	--	--	--	ND	--	ND	--	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	--	ND	--	ND	--
	n-Propylbenzene	--	--	--	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	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	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0302A		D2-SIGN0302E		D2-SIGN0302F			
				Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				302A Signer Boulevard		302E Signer Boulevard		302F Signer Boulevard			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
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 D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

		Location ID:		D2-SIGN0304B		D2-SIGN0304F		D2-SIGN0401B		D2-SIGN0401E	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		304B Signer Boulevard		304F Signer Boulevard		401B Signer Boulevard		401E Signer Boulevard	
		Field Sample ID:		D2-TW-0006975-24092-N	D2-TW-0006975-24092-N-H	D2-TW-0006979-24092-N	D2-TW-0006979-24092-N-H	D2-TW-0007641-24092-N	D2-TW-0007641-24092-N-H	D2-TW-0007644-24092-N	D2-TW-0007644-24092-N-H
		Sample Date:		2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-09-09	2024-09-09	2024-08-19	2024-08-19
		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	4.00	1.00	ND	1.00	161
Field Test (ppb)	Free Chlorine	4000	MCL	390	390	460	600	430	340	520	290
Field Test (pH)	pH	--	--	7.38	7.44	7.06	7.26	7.17	7.26	7.04	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.270	0.240	0.270	0.250	0.260	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	23.5	41.2	23.0	41.0	23.3	36.6	26.3	37.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.100	0.980	0.00	0.00	0.150	0.0270
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54200	--	53300	--	56100	--	54000	--
	Total Organic Carbon	--	--	ND	--	ND	--	240	--	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	34.7	--	17.8	--	62.5	--	49.2	--
	Lead	15	MCL	ND	--	ND	--	0.140	--	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	--
	Anthracene	--	--	--	--	--	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	--	--	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D2-SIGN0304B		Location ID: D2-SIGN0304F		Location ID: D2-SIGN0401B		Location ID: D2-SIGN0401E	
				Location Type: Residence	Address: 304B Signer Boulevard	Location Type: Residence	Address: 304F Signer Boulevard	Location Type: Residence	Address: 401B Signer Boulevard	Location Type: Residence	Address: 401E Signer Boulevard
				Field Sample ID: D2-TW-0006975-24092-N	Field Sample ID: D2-TW-0006975-24092-N-H	Field Sample ID: D2-TW-0006979-24092-N	Field Sample ID: D2-TW-0006979-24092-N-H	Field Sample ID: D2-TW-0007641-24092-N	Field Sample ID: D2-TW-0007641-24092-N-H	Field Sample ID: D2-TW-0007644-24092-N	Field Sample ID: D2-TW-0007644-24092-N-H
				Sample Date: 2024-07-10	Sample Date: 2024-07-10	Sample Date: 2024-07-10	Sample Date: 2024-07-10	Sample Date: 2024-09-09	Sample Date: 2024-09-09	Sample Date: 2024-08-19	Sample Date: 2024-08-19
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
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 D2

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 D2

		Location ID: D2-SIGN0304B		D2-SIGN0304F		D2-SIGN0401B		D2-SIGN0401E			
		Residence		Residence		Residence		Residence			
		304B Signer Boulevard		304F Signer Boulevard		401B Signer Boulevard		401E Signer Boulevard			
		Field Sample ID:	D2-TW-0006975-24092-N	D2-TW-0006975-24092-N-H	D2-TW-0006979-24092-N	D2-TW-0006979-24092-N-H	D2-TW-0007641-24092-N	D2-TW-0007641-24092-N-H	D2-TW-0007644-24092-N	D2-TW-0007644-24092-N-H	
		Sample Date:	2024-07-10	2024-07-10	2024-07-10	2024-07-10	2024-09-09	2024-09-09	2024-08-19	2024-08-19	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	0.420	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	0.320	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.740	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0403D		D2-SIGN0504H		D2-TINK0104		D2-TINK0111	
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				Residence 403D Signer Boulevard		Residence 504H Signer Boulevard		Residence 104 Tinker Drive		Residence 111 Tinker Drive	
				D2-TW-0008440-24092-N	D2-TW-0008440-24092-N-H	D2-TW-0008456-24092-N	D2-TW-0008456-24092-N-H	D2-TW-0008461-24092-N	D2-TW-0008461-24092-N-H	D2-TW-0008247-24092-N	D2-TW-0008247-24092-N-H
				2024-09-27	2024-09-27	2024-08-20	2024-08-20	2024-08-19	2024-08-19	2024-07-10	2024-07-10
				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	--	--	65.0	84.0	3.00	ND	8.00	8.00	ND	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	480	120	550	560	470	40.0	400	50.0
Field Test (pH)	pH	--	--	7.33	7.75	7.27	7.36	7.14	7.18	7.21	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.290	0.250	0.270	0.260	0.280	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.0	37.2	25.7	34.0	26.8	46.9	23.7	43.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	2.02	0.370	0.00120	0.0400	0.110	0.00	0.00	0.880
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54900	--	55800	--	54100	--	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	26.5	--	12.6	--	25.3	--	39.3	--
	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	--	--
	Anthracene	--	--	ND	--	ND	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0403D		D2-SIGN0504H		D2-TINK0104		D2-TINK0111																		
				Location ID:	Location Type:	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:										
				D2-SIGN0403D	Residence	403D Signer Boulevard	D2-TW-0008440-24092-N	2024-09-27	N (Normal)	D2-SIGN0504H	Residence	504H Signer Boulevard	D2-TW-0008456-24092-N	2024-08-20	N (Normal)	D2-TINK0104	Residence	104 Tinker Drive	D2-TW-0008461-24092-N	2024-08-19	N (Normal)	D2-TINK0111	Residence	111 Tinker Drive	D2-TW-0008247-24092-N	2024-07-10	N (Normal)	
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-SIGN0403D		D2-SIGN0504H		D2-TINK0104		D2-TINK0111									
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date								
				Location ID: D2-SIGN0403D Location Type: Residence Address: 403D Signer Boulevard		Location ID: D2-SIGN0504H Location Type: Residence Address: 504H Signer Boulevard		Location ID: D2-TINK0104 Location Type: Residence Address: 104 Tinker Drive		Location ID: D2-TINK0111 Location Type: Residence Address: 111 Tinker Drive									
				D2-TW-0008440-24092-N	2024-09-27	D2-TW-0008440-24092-N-H	2024-09-27	D2-TW-0008456-24092-N	2024-08-20	D2-TW-0008456-24092-N-H	2024-08-20	D2-TW-0008461-24092-N	2024-08-19	D2-TW-0008461-24092-N-H	2024-08-19	D2-TW-0008247-24092-N	2024-07-10	D2-TW-0008247-24092-N-H	2024-07-10
				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	--	--	0.350	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	0.350	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK0114		D2-TINK1703		D2-TINK1710		D2-TINK1726	
				Residence	Residence	Residence	Residence	Residence	Residence		
				114 Tinker Drive		1703 Tinker Avenue		1710 Tinker Avenue		1726 Tinker Avenue	
				D2-TW-0008250-24092-N	D2-TW-0008250-24092-N-H	D2-TW-0008266-24092-N	D2-TW-0008266-24092-N-H	D2-TW-0007891-24092-N	D2-TW-0007891-24092-N-H	D2-TW-0007321-24092-N	D2-TW-0007321-24092-N-H
				2024-08-19	2024-08-19	2024-07-10	2024-07-10	2024-08-19	2024-08-19	2024-08-19	2024-08-19
				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	--	--	1.00	6.00	ND	ND	1.00	13.0	8.00	41.0
Field Test (ppb)	Free Chlorine	4000	MCL	440	20.0	400	30.0	580	250	460	220
Field Test (pH)	pH	--	--	7.19	7.14	7.21	7.23	7.33	7.35	7.16	7.16
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.240	0.250	0.310	0.320	0.260	0.270
Field Test (degrees Celcius)	Temperature	--	--	28.3	47.2	26.0	49.3	22.9	38.7	26.2	40.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.35	0.0850	0.0170	0.110	0.00	0.00	0.220	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56900	--	52900	--	55300	--	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	31.5	--	22.5	--	44.2	--	56.5	--
	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	--	ND	--
	Anthracene	--	--	ND	--	--	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	0.0320	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	--	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK0114		D2-TINK1703		D2-TINK1710		D2-TINK1726													
				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	--												
	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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK0114		D2-TINK1703		D2-TINK1710		D2-TINK1726																													
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:												
				D2-TINK0114	Residence	114 Tinker Drive	D2-TW-0008250-24092-N	2024-08-19	N (Normal)	D2-TW-0008250-24092-N-H	2024-08-19	N (Normal)	D2-TINK1703	Residence	1703 Tinker Avenue	D2-TW-0008266-24092-N	2024-07-10	N (Normal)	D2-TW-0008266-24092-N-H	2024-07-10	N (Normal)	D2-TINK1710	Residence	1710 Tinker Avenue	D2-TW-0007891-24092-N	2024-08-19	N (Normal)	D2-TW-0007891-24092-N-H	2024-08-19	N (Normal)	D2-TINK1726	Residence	1726 Tinker Avenue	D2-TW-0007321-24092-N	2024-08-19	N (Normal)	D2-TW-0007321-24092-N-H	2024-08-19	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Chloroform	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Dibromochloromethane	--	--	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	
	Total Trihalomethanes	80	MCL	ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--		ND	--	

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK1728		D2-TINK1740		D2-TINK1816		D2-TINK1826	
				Residence	Residence	Residence	Residence	Residence	Residence		
				1728 Tinker Avenue		1740 Tinker Avenue		1816 Tinker Avenue		1826 Tinker Avenue	
				D2-TW-0007322-24092-N	D2-TW-0007322-24092-N-H	D2-TW-0007328-24092-N	D2-TW-0007328-24092-N-H	D2-TW-0007342-24092-N	D2-TW-0007342-24092-N-H	D2-TW-0007347-24092-N	D2-TW-0007347-24092-N-H
				2024-08-21	2024-08-21	2024-09-27	2024-09-27	2024-08-13	2024-08-13	2024-08-19	2024-08-19
				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	15.0	3.00	12.0	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	570	520	490	410	500	550	590	380
Field Test (pH)	pH	--	--	7.32	7.21	7.01	7.46	7.11	7.20	7.29	7.40
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.260	0.280	0.250	0.270	0.310	0.330
Field Test (degrees Celcius)	Temperature	--	--	26.4	33.6	23.8	44.8	26.6	50.7	24.7	48.6
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.470	0.680	0.00	0.0430	0.350	0.00	0.00	0.200
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55600	--	55700	--	58100	--	54600	--
	Total Organic Carbon	--	--	ND	--	ND	--	280	--	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	66.6	--	27.5	--	28.4	--	31.8	--
	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	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	0.0120	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D2
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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK1728		D2-TINK1740		D2-TINK1816		D2-TINK1826													
				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 D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK1728		D2-TINK1740		D2-TINK1816		D2-TINK1826																	
				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:	Address:	Field Sample ID:	Sample Date:	Sample Type:
				D2-TW-0007322-24092-N	D2-TW-0007322-24092-N-H	D2-TW-0007328-24092-N	D2-TW-0007328-24092-N-H	D2-TW-0007342-24092-N	D2-TW-0007342-24092-N-H	D2-TW-0007347-24092-N	D2-TW-0007347-24092-N-H																
				2024-08-21	2024-08-21	2024-09-27	2024-09-27	2024-08-13	2024-08-13	2024-08-19	2024-08-19																
				N (Normal)	N (Normal)																						
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-TINK1828 Residence 1828 Tinker Avenue		D2-TINK1916 Residence 1916 Tinker Avenue		D2-WORT0507 Residence 507 Worthington Avenue	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	--	Absent
	E. coli	--	--	Absent	--	Absent	--	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	ND	9.00	33.0	2.00	2.00
Field Test (ppb)	Free Chlorine	4000	MCL	490	190	380	240	230	750
Field Test (pH)	pH	--	--	7.28	7.28	7.23	7.26	7.46	7.19
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.260	0.270	0.250	0.230
Field Test (degrees Celcius)	Temperature	--	--	25.3	46.7	26.3	45.0	35.1	24.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0130	0.00	0.00620	0.00	0.350	0.000320
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	--	55500	--	--	53800
	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	39.3	--	18.0	--	--	52.6
	Lead	15	MCL	ND	--	ND	--	--	0.130
	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 D2

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 D2

		Location ID:		D2-TINK1828		D2-TINK1916		D2-WORT0507	
		Location Type:		Residence		Residence		Residence	
		Address:		1828 Tinker Avenue		1916 Tinker Avenue		507 Worthington Avenue	
		Field Sample ID:		D2-TW-0007348-24092-N	D2-TW-0007348-24092-N-H	D2-TW-0007703-24092-N	D2-TW-0007703-24092-N-H	D2-TW-0007890-24092-N-H-WQI	D2-TW-0007890-24092-N-WQI
		Sample Date:		2024-08-13	2024-08-13	2024-08-19	2024-08-19	2024-07-08	2024-07-08
		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(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 D2

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 D2

		Location ID: D2-TINK1828		Location ID: D2-TINK1916		Location ID: D2-WORT0507			
		Residence		Residence		Residence			
		1828 Tinker Avenue		1916 Tinker Avenue		507 Worthington Avenue			
		Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:		
		D2-TW-0007348-24092-N	D2-TW-0007348-24092-N-H	D2-TW-0007703-24092-N	D2-TW-0007703-24092-N-H	D2-TW-0007890-24092-N-H-WQI	D2-TW-0007890-24092-N-WQI		
		Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:		
		2024-08-13	2024-08-13	2024-08-19	2024-08-19	2024-07-08	2024-07-08		
		Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	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)	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 D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone D2

				D2-BLDG641H							
				School							
				HICKAM ELEM - P1, Building 641H							
				D2-TW-0015498-24183-N-1	D2-TW-0015498-24183-N-2	D2-TW-0015498-24183-N-2-H	D2-TW-0015498-24183-N-3	D2-TW-0015498-24183-N-4	D2-TW-0015498-24183-N-5	D2-TW-0015498-24214-N-2	D2-TW-0015498-24214-N-4
				2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-08-02	2024-08-02
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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	4.00	231	17.0	61.0	9.00
Field Test (ppb)	Free Chlorine	4000	MCL	480	500	340	100	100	40.0	480	200
Field Test (pH)	pH	--	--	7.31	7.34	7.34	7.43	7.34	7.33	7.34	7.26
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.270	0.250	0.250	0.250	0.260	0.260
Field Test (degrees Celcius)	Temperature	--	--	30.0	30.8	41.4	27.8	25.3	29.5	27.7	23.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.720	0.620	1.40	0.560	0.430	0.450	0.420	0.270
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53700	52600	--	54200	55400	53100	56900	58200
	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	165	28.9	--	102	177	374	35.4	66.8
	Lead	15	MCL	0.220	0.130	--	1.40	ND	ND	0.140	ND
	Mercury	2	MCL	ND	ND	--	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	ND	ND	ND
	Naphthalene	--	--	ND	ND	--	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D2
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 Schools in Zone D2

				D2-BLDG641H								
				School								
				HICKAM ELEM - P1, Building 641H								
				Field Sample ID:	D2-TW-0015498-24183-N-1	D2-TW-0015498-24183-N-2	D2-TW-0015498-24183-N-2-H	D2-TW-0015498-24183-N-3	D2-TW-0015498-24183-N-4	D2-TW-0015498-24183-N-5	D2-TW-0015498-24214-N-2	D2-TW-0015498-24214-N-4
				Sample Date:	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-08-02	2024-08-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	0.270	ND	ND	ND	ND	0.520
	Bromoform	--	--	ND	ND	--	1.90	ND	1.30	ND	ND	0.630
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND	ND	0.520
	Dibromochloromethane	--	--	ND	ND	--	0.820	ND	0.460	0.300	ND	0.730
	Total Trihalomethanes	80	MCL	ND	ND	--	2.99	ND	1.76	0.300	ND	2.40

Summary of Chemistry Results
Zone D2
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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone D2

		Location ID:		D2-BLDG641H							
		Location Type:		School							
		Address:		HICKAM ELEM - P1, Building 641H							
		Field Sample ID:	D2-TW-0015498-24214-N-1	D2-TW-0015498-24214-N-2-H	D2-TW-0015498-24214-N-3	D2-TW-0015498-24214-N-5	D2-TW-0015498-24245-N-1	D2-TW-0015498-24245-N-3	D2-TW-0015498-24245-N-4	D2-TW-0015498-24245-N-5	
		Sample Date:	2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-06	2024-09-06	2024-09-06	2024-09-06	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	
	E. coli	--	--	Absent	--	Absent	Absent	Absent	Absent	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	1.00	33.0	ND	15.0	13.0	23.0	
Field Test (ppb)	Free Chlorine	4000	MCL	20.0	400	340	20.0	110	500	380	
Field Test (pH)	pH	--	--	7.35	7.43	7.33	7.37	7.01	7.23	7.18	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.260	0.260	0.260	0.280	0.250	
Field Test (degrees Celcuis)	Temperature	--	--	27.7	45.9	27.1	27.7	29.2	27.0	24.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.640	0.700	0.530	0.360	0.720	1.01	0.290	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	59000	--	56300	57900	54800	54200	53600	
	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	133	--	119	328	157	40.5	149	
	Lead	15	MCL	0.300	--	0.330	ND	0.270	0.200	ND	
	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	
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	ND	

Summary of Chemistry Results
Zone D2
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 D2

				D2-BLDG641H								
				School								
				HICKAM ELEM - P1, Building 641H								
				D2-TW-0015498-24214-N-1	D2-TW-0015498-24214-N-2-H	D2-TW-0015498-24214-N-3	D2-TW-0015498-24214-N-5	D2-TW-0015498-24245-N-1	D2-TW-0015498-24245-N-3	D2-TW-0015498-24245-N-4	D2-TW-0015498-24245-N-5	
				2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-06	2024-09-06	2024-09-06	2024-09-06	
				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	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	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	
	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	
	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	
	n-Propylbenzene	--	--	--	--	--	--	ND	ND	ND	ND	
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	ND	ND	
	sec-Butylbenzene	--	--	--	--	--	--	ND	ND	ND	ND	
	tert-Butylbenzene	--	--	--	--	--	--	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	--	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone D2

				Location ID: D2-BLDG641H Location Type: School Address: HICKAM ELEM - P1, Building 641H								
				Field Sample ID:	D2-TW-0015498-24214-N-1	D2-TW-0015498-24214-N-2-H	D2-TW-0015498-24214-N-3	D2-TW-0015498-24214-N-5	D2-TW-0015498-24245-N-1	D2-TW-0015498-24245-N-3	D2-TW-0015498-24245-N-4	D2-TW-0015498-24245-N-5
				Sample Date:	2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-06	2024-09-06	2024-09-06	2024-09-06
				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	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	1.00	--	ND	0.380	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.280	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.28	--	ND	0.380	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-BLDG641H			
		Location Type: School			
		Address: HICKAM ELEM - P1, Building 641H			
		Field Sample ID: D2-TW-0015498-24245-N-2		D2-TW-0015498-24245-N-2-H	
		Sample Date: 2024-09-06		2024-09-06	
		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	--
	E. coli	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	6.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	360
Field Test (pH)	pH	--	--	7.22	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	26.8	42.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.400	0.920
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55100	--
	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	22.5	--
	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	--

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone D2

		Location ID:	D2-BLDG641H		
		Location Type:	School		
		Address:	HICKAM ELEM - P1, Building 641H		
		Field Sample ID:	D2-TW-0015498-24245-N-2	D2-TW-0015498-24245-N-2-H	
		Sample Date:	2024-09-06	2024-09-06	
		Sample Type:	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	--
	Phenanthrene	--	--	ND	--
	Pyrene	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--
	Benzene	5	MCL	ND	--
	Cumene	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--
	m,p-Xylene	--	--	ND	--
	n-Butylbenzene	--	--	ND	--
	n-Propylbenzene	--	--	ND	--
	o-Xylene	--	--	ND	--
	sec-Butylbenzene	--	--	ND	--
	tert-Butylbenzene	--	--	ND	--
Toluene	1000	MCL	ND	--	

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Schools in Zone D2

		Location ID:	D2-BLDG641H		
		Location Type:	School		
		Address:	HICKAM ELEM - P1, Building 641H		
		Field Sample ID:	D2-TW-0015498-24245-N-2	D2-TW-0015498-24245-N-2-H	
		Sample Date:	2024-09-06	2024-09-06	
		Sample Type:	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	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--
	Bromoform	--	--	ND	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--

Summary of Chemistry Results
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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 Child Development Centers in Zone D2

				Location ID: D2-BLDG623H Location Type: Child Development Center Address: Building 623H,HARBOR CHILD DEVELOPMENT CENTER								
				Field Sample ID:	D2-TW-0015492-24183-N-1	D2-TW-0015492-24183-N-2	D2-TW-0015492-24183-N-2-H	D2-TW-0015492-24214-N-1	D2-TW-0015492-24214-N-2	D2-TW-0015492-24214-N-2-H	D2-TW-0015492-24214-3-N-1	D2-TW-0015492-24245-N-2
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	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	ND	ND	ND	ND	ND	ND	4.00	
Field Test (ppb)	Free Chlorine	4000	MCL	470	550	440	560	500	430	--	540	
Field Test (pH)	pH	--	--	7.39	7.30	7.36	7.17	7.31	7.30	--	6.76	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.270	0.240	0.250	0.270	--	0.250	
Field Test (degrees Celcius)	Temperature	--	--	25.7	25.1	49.8	24.8	25.1	50.4	--	24.1	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0460	0.420	0.260	0.940	0.700	0.680	--	0.00	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	51400	53700	--	57000	57800	--	58000	56000	
	Total Organic Carbon	--	--	ND	ND	--	ND	ND	--	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	ND	ND	--	ND	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	ND	ND	--	ND	ND	
Metals (ppb)	Copper	1300	MCL	18.1	5.70	--	16.1	7.90	--	16.7	8.20	
	Lead	15	MCL	ND	ND	--	ND	ND	--	ND	ND	
	Mercury	2	MCL	ND	0.0370	--	ND	ND	--	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	ND	ND	--	ND	ND	

Summary of Chemistry Results

Zone D2

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Child Development Centers in Zone D2

				Location ID: D2-BLDG623H Location Type: Child Development Center Address: Building 623H,HARBOR CHILD DEVELOPMENT CENTER								
				Field Sample ID:	D2-TW-0015492-24183-N-1	D2-TW-0015492-24183-N-2	D2-TW-0015492-24183-N-2-H	D2-TW-0015492-24214-N-1	D2-TW-0015492-24214-N-2	D2-TW-0015492-24214-N-2-H	D2-TW-0015492-24214-3-N-1	D2-TW-0015492-24245-N-2
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	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)	Acenaphthylene	--	--	--	--	--	--	--	--	--	--	ND
	Anthracene	--	--	--	--	--	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	--	ND	ND	ND
	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	--	ND	ND	ND
	Phenanthrene	--	--	--	--	--	--	--	--	--	--	ND
	Pyrene	--	--	--	--	--	--	--	--	--	--	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
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND	--	ND	ND	ND

Summary of Chemistry Results

Zone D2

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Child Development Centers in Zone D2

				Location ID: D2-BLDG623H Location Type: Child Development Center Address: Building 623H,HARBOR CHILD DEVELOPMENT CENTER								
				Field Sample ID:	D2-TW-0015492-24183-N-1	D2-TW-0015492-24183-N-2	D2-TW-0015492-24183-N-2-H	D2-TW-0015492-24214-N-1	D2-TW-0015492-24214-N-2	D2-TW-0015492-24214-N-2-H	D2-TW-0015492-24214-3-N-1	D2-TW-0015492-24245-N-2
				Sample Date:	2024-07-02	2024-07-02	2024-07-02	2024-08-02	2024-08-02	2024-08-02	2024-08-02	2024-09-05
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	o-Xylene	--	--	ND	ND	--	ND	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	--	ND
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	--	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	0.790	--	ND	--	0.390
	Chloroform	--	--	ND	ND	--	ND	ND	--	ND	--	ND
	Dibromochloromethane	--	--	ND	ND	--	ND	0.550	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	ND	--	ND	1.34	--	ND	--	0.390

Summary of Chemistry Results

Zone D2

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Child Development Centers in Zone D2

		Location ID:	D2-BLDG623H		
		Location Type:	Child Development Center		
		Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER		
		Field Sample ID:	D2-TW-0015492-24245-N-1	D2-TW-0015492-24245-N-2-H	
		Sample Date:	2024-09-05	2024-09-05	
		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	--
	E. coli	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	7.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	480	540
Field Test (pH)	pH	--	--	7.14	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.3	47.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54800	--
	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	15.6	--
	Lead	15	MCL	ND	--
	Mercury	2	MCL	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--

Summary of Chemistry Results

Zone D2

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 Child Development Centers in Zone D2

		Location ID:	D2-BLDG623H		
		Location Type:	Child Development Center		
		Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER		
		Field Sample ID:	D2-TW-0015492-24245-N-1	D2-TW-0015492-24245-N-2-H	
		Sample Date:	2024-09-05	2024-09-05	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Synthetic Organic Compounds (ppb)	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	--
	Dibenz(a,h)anthracene	--	--	ND	--
	Fluorene	--	--	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--
	Naphthalene	--	--	ND	--
	Phenanthrene	--	--	ND	--
	Pyrene	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--
	Benzene	5	MCL	ND	--
	Cumene	--	--	ND	--
	Ethylbenzene	700	MCL	ND	--
	m,p-Xylene	--	--	ND	--

Summary of Chemistry Results

Zone D2

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Child Development Centers in Zone D2

				Location ID:	D2-BLDG623H
				Location Type:	Child Development Center
				Address:	Building 623H,HARBOR CHILD DEVELOPMENT CENTER
				Field Sample ID:	D2-TW-0015492-24245-N-1 D2-TW-0015492-24245-N-2-H
				Sample Date:	2024-09-05 2024-09-05
				Sample Type:	N (Normal) N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	ND	--
	n-Propylbenzene	--	--	ND	--
	o-Xylene	--	--	ND	--
	sec-Butylbenzene	--	--	ND	--
	tert-Butylbenzene	--	--	ND	--
	Toluene	1000	MCL	ND	--
	Xylenes, Total	10000	MCL	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--
	Bromoform	--	--	ND	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--

Summary of Chemistry Results
Zone D2
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 D2

		D2-HYD0079				D2-HYD0498			D2-HYD1599		
		Hydrant				Hydrant			Hydrant		
		FH:519				FH:509			FH:429		
		D2-DL-0017714-24183	D2-DL-0017714-24214	D2-DL-0017714-24214	D2-DL-0017714-24245	D2-DL-0017715-24183	D2-DL-0017715-24214	D2-DL-0017715-24245	D2-DL-0000574-24183		
		-N	-N	-3-N	-N	-N	-N	-N	-N		
		2024-07-08	2024-08-20	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08		
		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	5.00	ND	ND	2.00	101	ND
Field Test (ppb)	Free Chlorine	4000	MCL	470	550	--	480	410	440	550	190
Field Test (pH)	pH	--	--	7.28	7.30	--	7.31	7.29	7.28	7.19	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	--	0.270	0.250	0.260	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	30.1	30.0	--	31.5	26.2	25.0	26.8	30.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.390	0.530	--	1.30	0.230	0.390	2.03	0.840
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	56400	58400	55300	54200	54500	55800	53100
	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	--
	Anthracene	--	--	--	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	--
	Benzo(g,h,i)perylene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(k)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
Chrysene	--	--	--	ND	ND	ND	--	ND	ND	--	

Summary of Chemistry Results

Zone D2

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 D2

		D2-HYD0079				D2-HYD0498			D2-HYD1599		
		Hydrant				Hydrant			Hydrant		
		FH:519				FH:509			FH:429		
		D2-DL-0017714-24183	D2-DL-0017714-24214	D2-DL-0017714-24214	D2-DL-0017714-24245	D2-DL-0017715-24183	D2-DL-0017715-24214	D2-DL-0017715-24245	D2-DL-0000574-24183		
		-N	-N	-3-N	-N	-N	-N	-N	-N		
		2024-07-08	2024-08-20	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08		
		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	--
	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	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.290
	Bromoform	--	--	ND	ND	ND	0.340	ND	ND	ND	2.40

Summary of Chemistry Results

Zone D2

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

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		D2-HYD0079				D2-HYD0498			D2-HYD1599	
		Hydrant				Hydrant			Hydrant	
		FH:519				FH:509			FH:429	
		D2-DL-0017714-24183	D2-DL-0017714-24214	D2-DL-0017714-24214	D2-DL-0017714-24245	D2-DL-0017715-24183	D2-DL-0017715-24214	D2-DL-0017715-24245	D2-DL-0000574-24183	
		-N	-N	-3-N	-N	-N	-N	-N	-N	
		2024-07-08	2024-08-20	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08	
		N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)					
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.250	ND	ND	1.10
	Total Trihalomethanes	80	MCL	ND	ND	ND	0.590	ND	ND	3.79

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-HYD1599		D2-HYD1610			D2-HYD236				
		Location Type: Hydrant		Hydrant			Hydrant				
		Address: FH:429		FH:074			FH:236 (Possibly HYD263, HYD-2154)				
		Field Sample ID: D2-DL-0000574-24214	D2-DL-0000574-24245	D2-DL-0000583-24183	D2-DL-0000583-24214	D2-DL-0000583-24245	D2-DL-0017711-24183	D2-DL-0017711-24214	D2-DL-0017711-24245		
		-N	-N	-N	-N	-N	-N	-N	-N		
		Sample Date: 2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10		
		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	2.00	ND	126	2.00	ND	3.00	6.00
Field Test (ppb)	Free Chlorine	4000	MCL	230	180	530	550	530	470	470	420
Field Test (pH)	pH	--	--	7.11	7.26	7.10	7.18	7.31	7.22	7.28	7.32
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.240	0.260	0.260	0.250	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	30.5	31.3	27.4	26.0	26.2	25.6	24.6	26.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.900	2.16	0.920	0.940	2.15	0.850	0.710	1.16
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55500	56500	52700	55200	55400	52700	57400	55600
	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

Summary of Chemistry Results
Zone D2
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 D2

		Location ID: D2-HYD1599		D2-HYD1610			D2-HYD236		
		Location Type: Hydrant		Hydrant			Hydrant		
		Address: FH:429		FH:074			FH:236 (Possibly HYD263, HYD-2154)		
		Field Sample ID: D2-DL-0000574-24214	D2-DL-0000574-24245	D2-DL-0000583-24183	D2-DL-0000583-24214	D2-DL-0000583-24245	D2-DL-0017711-24183	D2-DL-0017711-24214	D2-DL-0017711-24245
		-N	-N	-N	-N	-N	-N	-N	-N
		Sample Date: 2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10
		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)	Chrysene	--	--	ND	ND	--	ND	ND	ND
	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
	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
	1,2-Dibromoethane (EDB)	--	--	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Cumene	--	--	ND	ND	--	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	ND	ND
	n-Propylbenzene	--	--	ND	ND	--	ND	ND	ND
	o-Xylene	--	--	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
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	

Summary of Chemistry Results

Zone D2

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 D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-HYD1599			D2-HYD1610			D2-HYD236		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type
				Location ID: D2-HYD1599 Location Type: Hydrant Address: FH:429			Location ID: D2-HYD1610 Location Type: Hydrant Address: FH:074			Location ID: D2-HYD236 Location Type: Hydrant Address: FH:236 (Possibly HYD263, HYD-2154)		
				D2-DL-0000574-24214 -N	D2-DL-0000574-24245 -N	D2-DL-0000583-24183 -N	D2-DL-0000583-24214 -N	D2-DL-0000583-24245 -N	D2-DL-0017711-24183 -N	D2-DL-0017711-24214 -N	D2-DL-0017711-24245 -N	
				2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	2024-07-08	2024-08-20	2024-09-10	
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.310	0.360	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	2.70	3.10	ND	ND	0.420	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	1.20	1.40	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	4.21	4.86	ND	ND	0.420	ND	ND	ND	

Summary of Chemistry Results
Zone D2
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 Hydrants in Zone D2

		Location ID:		D2-HYD321				D2-HYD365			D2-HYD420	
		Location Type:		Hydrant				Hydrant			Hydrant	
		Address:		FH:321				FH:365			FH:420	
		Field Sample ID:		D2-DL-0017709-24183	D2-DL-0017709-24214	D2-DL-0017709-24245	D2-DL-0017717-24183	D2-DL-0017717-24214	D2-DL-0017717-24245	D2-DL-0017707-24183	D2-DL-0017707-24214	
				-N								
		Sample Date:		2024-07-08	2024-08-20	2024-09-24	2024-07-09	2024-08-23	2024-09-24	2024-07-25	2024-08-23	
		Sample Type:		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	300	250	ND	10.0	5.00	4.00	298	
Field Test (ppb)	Free Chlorine	4000	MCL	350	50.0	50.0	90.0	110	40.0	580	540	
Field Test (pH)	pH	--	--	7.19	7.62	7.94	7.26	7.29	7.24	7.09	7.35	
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.270	0.250	0.290	0.260	0.250	0.280	
Field Test (degrees Celcius)	Temperature	--	--	25.3	28.7	30.7	30.2	32.2	32.7	27.1	28.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.490	0.760	4.31	0.180	2.42	0.750	0.850	0.680	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	60500	71000	54800	55500	59900	57700	54800	
	Total Organic Carbon	--	--	ND	230	490	ND	ND	ND	ND	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	--	ND	
	Anthracene	--	--	--	ND	ND	--	ND	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND								
	Benzo(b)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	ND	
	Benzo(g,h,i)perylene	--	--	--	ND	ND	--	ND	ND	--	ND	
	Benzo(k)fluoranthene	--	--	--	ND	ND	--	ND	ND	--	ND	
Chrysene	--	--	--	ND	ND	--	ND	ND	--	ND		

Summary of Chemistry Results

Zone D2

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 D2

		Location ID: D2-HYD321			Location ID: D2-HYD365			Location ID: D2-HYD420			
		Location Type: Hydrant			Location Type: Hydrant			Location Type: Hydrant			
		Address: FH:321			Address: FH:365			Address: FH:420			
		Field Sample ID: D2-DL-0017709-24183	Field Sample ID: D2-DL-0017709-24214	Field Sample ID: D2-DL-0017709-24245	Field Sample ID: D2-DL-0017717-24183	Field Sample ID: D2-DL-0017717-24214	Field Sample ID: D2-DL-0017717-24245	Field Sample ID: D2-DL-0017707-24183	Field Sample ID: D2-DL-0017707-24214	Field Sample ID: D2-DL-0017707-24214	
		-N									
		Sample Date: 2024-07-08	Sample Date: 2024-08-20	Sample Date: 2024-09-24	Sample Date: 2024-07-09	Sample Date: 2024-08-23	Sample Date: 2024-09-24	Sample Date: 2024-07-25	Sample Date: 2024-08-23	Sample Date: 2024-08-23	
		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						
	Phenanthrene	--	--	--	ND	ND	--	ND	ND	--	ND
	Pyrene	--	--	--	ND	ND	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND						
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND						
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	--	ND	--	--
	Benzene	5	MCL	ND	ND						
	Cumene	--	--	--	ND	ND	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND						
	m,p-Xylene	--	--	ND	ND						
	n-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	n-Propylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	o-Xylene	--	--	ND	ND						
	sec-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	ND	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND						
Xylenes, Total	10000	MCL	ND								
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	2.30	2.00	ND	0.380	0.280	ND	ND
	Bromoform	--	--	0.430	14.9	8.60	5.00	6.40	7.80	ND	ND

Summary of Chemistry Results

Zone D2

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D2-HYD321			D2-HYD365			D2-HYD420								
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type						
				D2-DL-0017709-24183 -N	2024-07-08	N (Normal)	D2-DL-0017709-24214 -N	2024-08-20	N (Normal)	D2-DL-0017717-24214 -N	2024-09-24	N (Normal)	D2-DL-0017707-24183 -N	2024-07-25	N (Normal)	D2-DL-0017707-24214 -N	2024-08-23	N (Normal)
Trihalomethanes (ppb)	Chloroform	--	--	ND	0.740	1.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.300	6.70	4.10	1.10	1.80	1.00	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.730	24.6	16.5	6.10	8.58	9.08	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone D2

		Location ID: D2-HYD420		D2-HYD56					D2-HYD79		
		Location Type: Hydrant		Hydrant					Hydrant		
		Address: FH:420		FH:056					FH:079		
		Field Sample ID: D2-DL-0017707-24245	D2-DL-0017708-24183	D2-DL-0017708-24214	D2-DL-0017708-24214	D2-DL-0017708-24245	D2-DL-0017712-24183	D2-DL-0017712-24214	D2-DL-0017712-24245		
		-N	-N	-N	-3-N	-N	-N	-N	-N		
		Sample Date: 2024-09-26	2024-07-25	2024-08-23	2024-08-23	2024-09-26	2024-07-25	2024-08-23	2024-09-26		
		Sample Type: N (Normal)	N (Normal)	N (Normal)	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	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	298	ND	1.00	2.00	ND	ND	1.00	4.00
Field Test (ppb)	Free Chlorine	4000	MCL	430	880	600	--	550	680	470	540
Field Test (pH)	pH	--	--	7.06	7.08	7.29	--	7.22	7.21	7.39	7.30
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.250	0.280	--	0.250	0.240	0.290	0.260
Field Test (degrees Celcius)	Temperature	--	--	26.5	24.7	25.1	--	25.9	25.4	29.0	26.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00190	0.810	0.660	--	0.390	0.500	1.20	1.02
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57100	57400	56000	56200	57300	57500	53900	58500
	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	

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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone D2

		Location ID:	D2-HYD420		D2-HYD56			D2-HYD79			
		Location Type:	Hydrant		Hydrant			Hydrant			
		Address:	FH:420		FH:056			FH:079			
		Field Sample ID:	D2-DL-0017707-24245	D2-DL-0017708-24183	D2-DL-0017708-24214	D2-DL-0017708-24214	D2-DL-0017708-24245	D2-DL-0017712-24183	D2-DL-0017712-24214	D2-DL-0017712-24245	
		Sample Date:	-N	-N	-N	-3-N	-N	-N	-N	-N	
		Sample Type:	2024-09-26	2024-07-25	2024-08-23	2024-08-23	2024-09-26	2024-07-25	2024-08-23	2024-09-26	
			N (Normal)	N (Normal)	N (Normal)	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)	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	0.270	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	0.370	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	1.80	0.390	ND

Summary of Chemistry Results

Zone D2

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D2-HYD56					D2-HYD79		
				D2-HYD420	D2-DL-0017708-24183	D2-DL-0017708-24214	D2-DL-0017708-24214	D2-DL-0017708-24245	D2-DL-0017712-24183	D2-DL-0017712-24214	D2-DL-0017712-24245	
				Location Type:	Hydrant					Hydrant		
				Address:	FH:420					FH:079		
				Field Sample ID:	D2-DL-0017707-24245	D2-DL-0017708-24183	D2-DL-0017708-24214	D2-DL-0017708-24214	D2-DL-0017708-24245	D2-DL-0017712-24183	D2-DL-0017712-24214	D2-DL-0017712-24245
				Sample Date:	-N	-N	-N	-3-N	-N	-N	-N	-N
				Sample Type:	2024-09-26	2024-07-25	2024-08-23	2024-08-23	2024-09-26	2024-07-25	2024-08-23	2024-09-26
					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	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	1.30	0.270	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	3.47	0.660	

Summary of Chemistry Results
Zone D2
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 Hydrants in Zone D2

		Location ID:		D2-HYD84		
		Location Type:		Hydrant		
		Address:		FH:084		
		Field Sample ID:		D2-DL-0017713-24183	D2-DL-0017713-24214	D2-DL-0017713-24245
				-N	-N	-N
		Sample Date:		2024-07-09	2024-08-23	2024-09-26
		Sample Type:		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	--	--	4.00	5.00	37.0
Field Test (ppb)	Free Chlorine	4000	MCL	530	570	560
Field Test (pH)	pH	--	--	7.29	7.27	7.24
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.0	26.6	27.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	1.02	2.21
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	54400	57400
	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
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	0.0130	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND
	Chrysene	--	--	--	ND	ND

Summary of Chemistry Results

Zone D2

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

Notes:
ND = Not Detected
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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 Hydrants in Zone D2

		Location ID:	D2-HYD84		
		Location Type:	Hydrant		
		Address:	FH:084		
		Field Sample ID:	D2-DL-0017713-24183 -N	D2-DL-0017713-24214 -N	D2-DL-0017713-24245 -N
		Sample Date:	2024-07-09	2024-08-23	2024-09-26
		Sample Type:	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
	1,2-Dibromoethane (EDB)	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	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	--	--	ND	ND

Summary of Chemistry Results
Zone D2
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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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 D2

		Location ID:		D2-HYD84		
		Location Type:		Hydrant		
		Address:		FH:084		
		Field Sample ID:		D2-DL-0017713-24183	D2-DL-0017713-24214	D2-DL-0017713-24245
				-N	-N	-N
		Sample Date:		2024-07-09	2024-08-23	2024-09-26
		Sample Type:		N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND

Summary of Chemistry Results

Zone D2

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

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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone D2

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D2-BLDG554H Location Type: Medical Building Address: Building 554H, OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd						Location ID: D2-BLDG559H Location Type: Medical Building Address: Building 559H, MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle	
				Field Sample ID: D2-TW-0015474-24183-N	D2-TW-0015474-24183-N-H	D2-TW-0015474-24214-N	D2-TW-0015474-24214-N-H	D2-TW-0015474-24245-N	D2-TW-0015474-24245-N-H	D2-TW-0015476-24183-N	D2-TW-0015476-24214-N
				Sample Date: 2024-07-05	2024-07-05	2024-08-02	2024-08-02	2024-09-05	2024-09-05	Sample Date: 2024-07-05	2024-08-02
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	Sample Type: N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	Absent
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	52.0	300	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	190	1300	500	420	340	190	280	430
Field Test (pH)	pH	--	--	7.36	7.81	7.29	7.52	7.39	7.93	7.36	6.99
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.240	0.250	0.290	0.330	0.260	0.240
Field Test (degrees Celcius)	Temperature	--	--	19.8	39.7	25.0	35.5	21.8	36.2	22.3	22.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.640	1.40	0.360	0.310	0.0810	0.990
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	--	57800	--	54300	--	55500	57200
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	200	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	ND
Metals (ppb)	Copper	1300	MCL	125	--	55.6	--	62.2	--	79.0	217
	Lead	15	MCL	1.20	--	0.220	--	0.210	--	0.130	ND
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	ND

Summary of Chemistry Results

Zone D2

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
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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 Other Buildings in Zone D2

				D2-BLDG554H Medical Building Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd						D2-BLDG559H Medical Building Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle		
				Field Sample ID:	D2-TW-0015474-24183-N	D2-TW-0015474-24183-N-H	D2-TW-0015474-24214-N	D2-TW-0015474-24214-N-H	D2-TW-0015474-24245-N	D2-TW-0015474-24245-N-H	D2-TW-0015476-24183-N	D2-TW-0015476-24214-N
				Sample Date:	2024-07-05	2024-07-05	2024-08-02	2024-08-02	2024-09-05	2024-09-05	2024-07-05	2024-08-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Synthetic Organic Compounds (ppb)	Acenaphthylene	--	--	--	--	--	--	--	ND	--	--	--
	Anthracene	--	--	--	--	--	--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	--	ND	--	ND	ND
	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	ND
	Phenanthrene	--	--	--	--	--	--	--	ND	--	--	--
	Pyrene	--	--	--	--	--	--	--	ND	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	--	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	--	ND	--	ND	ND
	Benzene	5	MCL	ND	--	ND	--	--	ND	--	ND	ND
	Cumene	--	--	--	--	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	ND	--	ND	--	--	ND	--	ND	ND
	m,p-Xylene	--	--	ND	--	ND	--	--	ND	--	ND	ND

Summary of Chemistry Results

Zone D2

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 Other Buildings in Zone D2

				D2-BLDG554H Medical Building Building 554H,OCCUPATIONAL HEALTH CLINIC - AIR FORCE, 750 West Signer Blvd						D2-BLDG559H Medical Building Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle		
				Field Sample ID:	D2-TW-0015474-24183-N	D2-TW-0015474-24183-N-H	D2-TW-0015474-24214-N	D2-TW-0015474-24214-N-H	D2-TW-0015474-24245-N	D2-TW-0015474-24245-N-H	D2-TW-0015476-24183-N	D2-TW-0015476-24214-N
				Sample Date:	2024-07-05	2024-07-05	2024-08-02	2024-08-02	2024-09-05	2024-09-05	2024-07-05	2024-08-02
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	--	--	--	--	--	ND	--	--	--
	n-Propylbenzene	--	--	--	--	--	--	--	ND	--	--	--
	o-Xylene	--	--	ND	--	ND	--	--	ND	--	ND	ND
	sec-Butylbenzene	--	--	--	--	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	--	--	--	--	--	ND	--	--	--
	Toluene	1000	MCL	ND	--	ND	--	--	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	--	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	--	ND	--	0.730	ND
	Bromoform	--	--	1.40	--	ND	--	--	0.350	--	0.970	0.560
	Chloroform	--	--	ND	--	ND	--	--	ND	--	0.670	ND
	Dibromochloromethane	--	--	0.500	--	ND	--	--	ND	--	1.40	ND
	Total Trihalomethanes	80	MCL	1.90	--	ND	--	--	0.350	--	3.77	0.560

Summary of Chemistry Results

Zone D2

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
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone D2

		Location ID:	D2-BLDG559H			
		Location Type:	Medical Building			
		Address:	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle			
		Field Sample ID:	D2-TW-0015476-24214-N-H	D2-TW-0015476-24245-N	D2-TW-0015476-24245-N-H	
		Sample Date:	2024-08-02	2024-09-05	2024-09-05	
		Sample Type:	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	15.0	9.00
Field Test (ppb)	Free Chlorine	4000	MCL	230	20.0	300
Field Test (pH)	pH	--	--	7.23	7.35	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.290	0.290
Field Test (degrees Celcius)	Temperature	--	--	26.4	22.0	24.5
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.690	0.750	0.500
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	55000	--
	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	--	62.6	--
	Lead	15	MCL	--	0.150	--
	Mercury	2	MCL	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--
	2-Methylnaphthalene	--	--	--	ND	--

Summary of Chemistry Results

Zone D2

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

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample
MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone D2

		Location ID:	D2-BLDG559H		
		Location Type:	Medical Building		
		Address:	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle		
		Field Sample ID:	D2-TW-0015476-24214-N-H	D2-TW-0015476-24245-N	D2-TW-0015476-24245-N-H
		Sample Date:	2024-08-02	2024-09-05	2024-09-05
		Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Synthetic Organic Compounds (ppb)	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
	Dibenz(a,h)anthracene	--	--	--	ND
	Fluorene	--	--	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND
	Naphthalene	--	--	--	ND
	Phenanthrene	--	--	--	ND
	Pyrene	--	--	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND
	Benzene	5	MCL	--	ND
	Cumene	--	--	--	ND
	Ethylbenzene	700	MCL	--	ND
	m,p-Xylene	--	--	--	ND

Summary of Chemistry Results

Zone D2

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

Notes:
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Drinking Water Samples Collected in July 2024 - September 2024 from Other Buildings in Zone D2

		Location ID:	D2-BLDG559H		
		Location Type:	Medical Building		
		Address:	Building 559H,MEDICAL/DENTAL CLINIC - AIR FORCE, 755 Scott Circle		
		Field Sample ID:	D2-TW-0015476-24214-N-H	D2-TW-0015476-24245-N	D2-TW-0015476-24245-N-H
		Sample Date:	2024-08-02	2024-09-05	2024-09-05
		Sample Type:	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	n-Butylbenzene	--	--	--	ND
	n-Propylbenzene	--	--	--	ND
	o-Xylene	--	--	--	ND
	sec-Butylbenzene	--	--	--	ND
	tert-Butylbenzene	--	--	--	ND
	Toluene	1000	MCL	--	ND
	Xylenes, Total	10000	MCL	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	0.520
	Bromoform	--	--	--	1.90
	Chloroform	--	--	--	0.410
	Dibromochloromethane	--	--	--	1.00
	Total Trihalomethanes	80	MCL	--	3.83