

Summary of Chemistry Results

Zone D3

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
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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID:		D3-HALE1006		D3-HONO0144		D3-HONO0183		D3-ILIM0133	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		1006 Halehaka Street		144 Honohono Street		183 Honohono Street		133 Ilima Street	
		Field Sample ID:		D3-TW-0009676-24092-N	D3-TW-0009676-24092-N-H	D3-TW-0009694-24092-N	D3-TW-0009694-24092-N-H	D3-TW-0009698-24092-N	D3-TW-0009698-24092-N-H	D3-TW-0009720-24092-N	D3-TW-0009720-24092-N-H
		Sample Date:		2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	97.0	40.0	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	600	260	770	430	390	100	520	260
Field Test (pH)	pH	--	--	7.16	7.34	7.43	7.43	7.41	7.35	7.20	7.22
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.250	0.260	0.260	0.260	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	24.6	45.4	26.4	37.1	25.7	36.1	23.6	43.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.0590	0.340	0.00	0.100	0.510	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54600	--	53300	--	53900	--	54900	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	6.00	--	9.20	--	64.6	--	5.50	--
	Lead	15	MCL	ND	--	0.150	--	0.170	--	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	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	0.0160	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--

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		Location ID: D3-HALE1006		D3-HONO0144		D3-HONO0183		D3-ILIM0133	
		Residence		Residence		Residence		Residence	
		1006 Halehaka Street		144 Honohono Street		183 Honohono Street		133 Ilima Street	
		D3-TW-0009676-24092-N	D3-TW-0009676-24092-N-H	D3-TW-0009694-24092-N	D3-TW-0009694-24092-N-H	D3-TW-0009698-24092-N	D3-TW-0009698-24092-N-H	D3-TW-0009720-24092-N	D3-TW-0009720-24092-N-H
		2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11
		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	0.310	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.310	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-KIKA0708		D3-KIKA0712		D3-KIKA0742		D3-KIKA0757			
		Residence		Residence		Residence		Residence			
		708 Kikanai Loop		712 Kikanai Loop		742 Kikanai Loop		757 Kikanai Loop			
		Field Sample ID:	D3-TW-0009729-24092-N	D3-TW-0009729-24092-N-H	D3-TW-0009731-24092-N	D3-TW-0009731-24092-N-H	D3-TW-0009743-24092-N	D3-TW-0009743-24092-N-H	D3-TW-0009752-24092-N	D3-TW-0009752-24092-N-H	
		Sample Date:	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	490	280	510	300	950	300	540	130
Field Test (pH)	pH	--	--	7.35	7.32	7.17	7.21	7.41	7.32	7.36	7.63
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.280	0.250	0.280	0.240	0.270	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.7	39.6	23.8	55.1	24.6	41.5	24.7	40.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.350	0.360	0.00	0.310	0.260	0.170	0.00	0.310
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55300	--	55100	--	55300	--	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	3.70	--	3.60	--	6.90	--	4.60	--
	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	0.0220	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--

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		Residence		Residence		Residence		Residence			
		708 Kikanai Loop		712 Kikanai Loop		742 Kikanai Loop		757 Kikanai Loop			
		Field Sample ID:	D3-TW-0009729-24092-N	D3-TW-0009729-24092-N-H	D3-TW-0009731-24092-N	D3-TW-0009731-24092-N-H	D3-TW-0009743-24092-N	D3-TW-0009743-24092-N-H	D3-TW-0009752-24092-N	D3-TW-0009752-24092-N-H	
		Sample Date:	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-11	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID:	D3-KOKO0105		D3-KOKO0113		D3-KOKO0114		D3-KOKO0131		
		Location Type:	Residence		Residence		Residence		Residence		
		Address:	105 Kokomalei Street		113 Kokomalei Street		114 Kokomalei Street		131 Kokomalei Street		
		Field Sample ID:	D3-TW-0009767-24092-N	D3-TW-0009767-24092-N-H	D3-TW-0009773-24092-N	D3-TW-0009773-24092-N-H	D3-TW-0009774-24092-N	D3-TW-0009774-24092-N-H	D3-TW-0009787-24092-N	D3-TW-0009787-24092-N-H	
		Sample Date:	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-11	2024-07-11	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	440	220	440	280	530	400	310	40.0
Field Test (pH)	pH	--	--	7.13	7.21	7.20	7.19	7.29	7.35	7.15	7.03
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.250	0.270	0.240	0.260	0.0290	0.270
Field Test (degrees Celcius)	Temperature	--	--	28.5	40.7	27.1	46.3	27.6	45.7	26.9	47.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.360	0.440	0.0830	0.140	0.00	0.00	0.380	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53100	--	53200	--	55700	--	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	136	--	49.5	--	62.2	--	101	--
	Lead	15	MCL	ND	--	ND	--	5.60	--	0.150	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	0.0280	--	ND	--	ND	--	ND	--
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--

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		Residence		Residence		Residence		Residence			
		105 Kokomalei Street		113 Kokomalei Street		114 Kokomalei Street		131 Kokomalei Street			
		Field Sample ID:	D3-TW-0009767-24092-N	D3-TW-0009767-24092-N-H	D3-TW-0009773-24092-N	D3-TW-0009773-24092-N-H	D3-TW-0009774-24092-N	D3-TW-0009774-24092-N-H	D3-TW-0009787-24092-N	D3-TW-0009787-24092-N-H	
		Sample Date:	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-11	2024-07-11	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	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	--	0.340	--	ND	--
	Bromoform	--	--	ND	--	0.370	--	0.700	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	0.470	--	0.750	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	0.840	--	1.79	--	ND	--

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		Location Type:		Residence		Residence		Residence		Residence	
		Address:		165 Kokomalei Street		173 Kokomalei Street		311 Lehua Lane		211 Melia Street	
		Field Sample ID:		D3-TW-0009805-24092-N	D3-TW-0009805-24092-N-H	D3-TW-0009808-24092-N	D3-TW-0009808-24092-N-H	D3-TW-0011194-24092-N	D3-TW-0011194-24092-N-H	D3-TW-0011258-24092-N	D3-TW-0011258-24092-N-H
		Sample Date:		2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-11	2024-07-11
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	370	120	1370	1370	690	440	570	130
Field Test (pH)	pH	--	--	7.38	7.46	7.35	7.43	7.29	7.44	7.29	7.60
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.250	0.260	0.250	0.270	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	25.8	36.4	26.3	30.0	24.6	46.2	23.9	43.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.280	0.270	0.0160	0.430	0.390	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52800	--	55300	--	58000	--	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	68.0	--	35.1	--	8.20	--	3.90	--
	Lead	15	MCL	0.190	--	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	--	0.0170	--
	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 D3

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 from Residences in Zone D3

		Location ID: D3-KOKO0165		D3-KOKO0173		D3-LEHU0311		D3-MELI0211			
		Residence		Residence		Residence		Residence			
		165 Kokomalei Street		173 Kokomalei Street		311 Lehua Lane		211 Melia Street			
		Field Sample ID:	D3-TW-0009805-24092-N	D3-TW-0009805-24092-N-H	D3-TW-0009808-24092-N	D3-TW-0009808-24092-N-H	D3-TW-0011194-24092-N	D3-TW-0011194-24092-N-H	D3-TW-0011258-24092-N	D3-TW-0011258-24092-N-H	
		Sample Date:	2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-11	2024-07-11	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	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	--	--	0.960	--	ND	--	ND	--	ND	--
	Bromoform	--	--	4.70	--	0.490	--	ND	--	ND	--
	Chloroform	--	--	0.970	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	2.20	--	0.400	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	8.83	--	0.890	--	ND	--	ND	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-MELI0217		D3-MELI0218		D3-MELI0355			
				Residence		Residence		Residence			
				217 Melia Street		218 Melia Street		355 Melia Street			
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				D3-TW-0011264-24092-N	D3-TW-0011264-24092-N-H	D3-TW-0011265-24092-N	D3-TW-0011265-24092-N-H	D3-TW-0011314-24092-N	D3-TW-0011314-24092-3-N	D3-TW-0011314-24092-N-H	D3-TW-0011314-24092-3-N-H
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2024-07-11	2024-07-11	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-30	2024-07-30
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	Absent	--	--
	E. coli	--	--	Absent	--	Absent	--	Absent	Absent	--	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	510	140	540	130	770	--	190	--
Field Test (pH)	pH	--	--	7.21	7.40	7.17	7.36	7.34	--	7.26	--
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280	0.240	0.250	0.250	--	0.270	--
Field Test (degrees Celcius)	Temperature	--	--	25.1	43.9	24.6	36.8	24.8	--	47.3	--
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0520	0.120	0.00	0.00	0.00	--	0.0710	--
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56400	--	55700	--	56200	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	8.40	--	9.70	--	4.00	4.30	--	--
	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 D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-MELI0217 Residence 217 Melia Street		D3-MELI0218 Residence 218 Melia Street		D3-MELI0355 Residence 355 Melia Street													
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	D3-TW-0011264-24092-N	2024-07-11	N (Normal)	D3-TW-0011264-24092-N-H	2024-07-11	N (Normal)	D3-TW-0011314-24092-N	2024-07-30	N (Normal)	D3-TW-0011314-24092-3-N	2024-07-30	FD (Field Duplicate)	D3-TW-0011314-24092-N-H	2024-07-30	N (Normal)	D3-TW-0011314-24092-3-N-H	2024-07-30	FD (Field Duplicate)
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	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 D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID:		D3-NANU0886		D3-NANU0913		D3-NANU0922		D3-NANU0924	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		886 Nanu Street		913 Nanu Street		922 Nanu Street		924 Nanu Street	
		Field Sample ID:		D3-TW-0011323-24092-N	D3-TW-0011323-24092-N-H	D3-TW-0011335-24092-N	D3-TW-0011335-24092-N-H	D3-TW-0011339-24092-N	D3-TW-0011339-24092-N-H	D3-TW-0011341-24092-N	D3-TW-0011341-24092-N-H
		Sample Date:		2024-07-30	2024-07-30	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-30	2024-07-30
		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	--	--	10.0	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	660	260	520	210	710	320	770	500
Field Test (pH)	pH	--	--	7.23	7.16	5.98	7.22	7.43	7.38	7.10	7.11
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.0000540	0.340	0.250	0.270	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.1	42.0	24.6	38.3	25.1	43.4	26.4	43.2
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.0150	0.00330	0.0950	0.300	0.370	0.270	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	--	53000	--	57000	--	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	6.70	--	5.20	--	4.50	--	5.70	--
	Lead	15	MCL	0.270	--	0.220	--	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 D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-NANU0886		D3-NANU0913		D3-NANU0922		D3-NANU0924	
				Location ID:	Location Type:	Location ID:	Location Type:	Location ID:	Location Type:	Location ID:	Location Type:
				Residence		Residence		Residence		Residence	
				886 Nanu Street		913 Nanu Street		922 Nanu Street		924 Nanu Street	
				D3-TW-0011323-24092-N	D3-TW-0011323-24092-N-H	D3-TW-0011335-24092-N	D3-TW-0011335-24092-N-H	D3-TW-0011339-24092-N	D3-TW-0011339-24092-N-H	D3-TW-0011341-24092-N	D3-TW-0011341-24092-N-H
				2024-07-30	2024-07-30	2024-07-11	2024-07-11	2024-07-30	2024-07-30	2024-07-30	2024-07-30
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	0.350	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	0.320	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	0.670	--

Summary of Chemistry Results
Zone D3
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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID:		D3-NANU0928		D3-OHAN0115		D3-OHAN0868		D3-OHAN0908	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		928 Nanu Street		115 Ohana Nui Circle		868 Ohana Nui Circle		908 Ohana Nui Circle	
		Field Sample ID:		D3-TW-0011345-24092-N	D3-TW-0011345-24092-N-H	D3-TW-0011388-24092-N	D3-TW-0011388-24092-N-H	D3-TW-0009547-24092-N	D3-TW-0009547-24092-N-H	D3-TW-0009625-24092-N	D3-TW-0009625-24092-N-H
		Sample Date:		2024-07-30	2024-07-30	2024-07-31	2024-07-31	2024-07-30	2024-07-30	2024-07-30	2024-07-30
		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	ND	6.00	2.00	15.0	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	530	250	710	170	190	520	660	200
Field Test (pH)	pH	--	--	7.02	7.03	7.47	7.49	7.35	7.32	7.05	7.17
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.260	0.300	0.250	0.270	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.3	43.8	25.0	47.1	24.6	44.8	25.9	46.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.770	0.350	0.00	0.400	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57600	--	56300	--	56100	--	56000	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	5.20	--	7.60	--	0.910	--	5.40	--
	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	--	0.0230	--	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 D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-NANU0928		D3-OHAN0115		D3-OHAN0868		D3-OHAN0908	
		Residence		Residence		Residence		Residence	
		Address: 928 Nanu Street		Address: 115 Ohana Nui Circle		Address: 868 Ohana Nui Circle		Address: 908 Ohana Nui Circle	
		Field Sample ID: D3-TW-0011345-24092-N	Field Sample ID: D3-TW-0011345-24092-N-H	Field Sample ID: D3-TW-0011388-24092-N	Field Sample ID: D3-TW-0011388-24092-N-H	Field Sample ID: D3-TW-0009547-24092-N	Field Sample ID: D3-TW-0009547-24092-N-H	Field Sample ID: D3-TW-0009625-24092-N	Field Sample ID: D3-TW-0009625-24092-N-H
		Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-07-31	Sample Date: 2024-07-31	Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-07-30	Sample Date: 2024-07-30
		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						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID:		D3-OHAN0931		D3-OHAN0942		D3-OHAN0972		D3-OHAN0988	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		931 Ohana Nui Circle		942 Ohana Nui Circle		972 Ohana Nui Circle		988 Ohana Nui Circle	
		Field Sample ID:		D3-TW-0009995-24092-N	D3-TW-0009995-24092-N-H	D3-TW-0010004-24092-N	D3-TW-0010004-24092-N-H	D3-TW-0010020-24092-N	D3-TW-0010020-24092-N-H	D3-TW-0010034-24092-N	D3-TW-0010034-24092-N-H
		Sample Date:		2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30
		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	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	720	670	670	110	670	700	680	520
Field Test (pH)	pH	--	--	7.40	7.41	7.21	7.51	7.04	7.25	7.24	7.03
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.270	0.230	0.270	0.250	0.280	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	26.0	41.2	25.2	46.4	25.1	43.9	24.5	39.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.500	0.180	0.00	0.00	0.00	0.00	0.200	0.00
	General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56800	--	55500	--	56600	--	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	5.30	--	7.60	--	5.50	--	4.50	--
	Lead	15	MCL	ND	--	ND	--	0.500	--	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 D3

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-OHAN0931		D3-OHAN0942		D3-OHAN0972		D3-OHAN0988	
				Location ID:	Location Type:	Location ID:	Location Type:	Location ID:	Location Type:	Location ID:	Location Type:
				Residence		Residence		Residence		Residence	
				931 Ohana Nui Circle		942 Ohana Nui Circle		972 Ohana Nui Circle		988 Ohana Nui Circle	
				D3-TW-0009995-24092-N	D3-TW-0009995-24092-N-H	D3-TW-0010004-24092-N	D3-TW-0010004-24092-N-H	D3-TW-0010020-24092-N	D3-TW-0010020-24092-N-H	D3-TW-0010034-24092-N	D3-TW-0010034-24092-N-H
				2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30	2024-07-30
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	ND	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-OHAN1051		D3-OHAN1062		D3-OKIK0344		D3-OKIK0347													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--												
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	86.0	738	4.00	ND	ND	2.00	ND	ND												
Field Test (ppb)	Free Chlorine	4000	MCL	620	150	530	160	680	310	470	330												
Field Test (pH)	pH	--	--	7.26	7.44	7.19	7.35	7.02	7.13	7.34	7.37												
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.240	0.250	0.250	0.280	0.240	0.270												
Field Test (degrees Celcius)	Temperature	--	--	24.3	47.5	24.3	43.2	24.8	44.7	24.9	46.1												
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.00	0.00	0.00	0.00	0.550	0.710												
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53700	--	55100	--	57100	--	--	--												
	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	4.60	--	4.70	--	4.90	--	--	--												
	Lead	15	MCL	ND	--	0.300	--	ND	--	--	--												
	Mercury	2	MCL	ND	--	ND	--	ND	--	--	--												
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	--	--												
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	--	--												
	Benzo(a)pyrene	0.2	MCL	0.0180	--	ND	--	ND	--	--	--												
	Naphthalene	--	--	ND	--	ND	--	ND	--	--	--												
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	--	--												
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	--	--												

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-OHAN1051		D3-OHAN1062		D3-OKIK0344		D3-OKIK0347													
				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:
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	ND	--	ND	--	--	--												
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	--	--												
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	--	--												
	o-Xylene	--	--	ND	--	ND	--	ND	--	--	--												
	Toluene	1000	MCL	ND	--	ND	--	ND	--	--	--												
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	--	--												
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	--	--												
	Bromoform	--	--	ND	--	ND	--	ND	--	--	--												
	Chloroform	--	--	ND	--	ND	--	ND	--	--	--												
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	--	--												
	Total Trihalomethanes	80	MCL	ND	--	ND	--	ND	--	--	--												

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-OKIK0347									
		Location Type: Residence									
		Address: 347 Okika Street									
		Field Sample ID:	D3-TW-0010314-24092-N-R1	D3-TW-0010314-24092-N-H-R1	D3-TW-0010314-24092-N-2	D3-TW-0010314-24092-N-2-H	D3-TW-0010314-24092-N-3	D3-TW-0010314-24092-N-3-H	D3-TW-0010314-24092-N-4	D3-TW-0010314-24092-N-4-H	
		Sample Date:	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	2024-07-05	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	4.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	480	450	510	540	500	470	490	410
Field Test (pH)	pH	--	--	7.29	7.37	7.34	7.36	7.31	7.52	7.36	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.250	0.250	0.260	0.240	0.270	0.250	0.270
Field Test (degrees Celcuis)	Temperature	--	--	24.1	38.4	23.9	42.2	24.5	43.6	24.7	42.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.150	0.220	0.610	0.660	0.250	0.530	0.190

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-PILO0179		D3-PUAK0280		D3-PUAK1003		D3-PUAK1016													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	28.0	ND	ND	ND	ND	ND	ND	2.00	Field Test (ppb)	Free Chlorine	4000	MCL	460	180	230	330	590	50.0	710	140
Field Test (pH)	pH	--	--	7.46	7.57	7.30	7.34	7.24	7.49	7.09	7.43	Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.250	0.270	0.240	0.260	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.4	37.5	27.0	45.2	25.2	43.0	23.1	47.4	Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.240	0.220	0.0890	0.0980	0.00	0.00	0.0150
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	--	53400	--	52800	--	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	41.2	--	51.5	--	8.80	--	5.60	--	Lead	15	MCL	ND	--	ND	--	ND	--	ND	--	
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--	Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--	
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												

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				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:	
Volatile Organic Compounds (ppb)	Benzene	5	MCL	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)	
	Ethylbenzene	700	MCL	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)	
	m,p-Xylene	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	o-Xylene	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Toluene	1000	MCL	MCL	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Xylenes, Total	10000	MCL	MCL	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Bromoform	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Chloroform	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Dibromochloromethane	--	--	--	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)
	Total Trihalomethanes	80	MCL	MCL	D3-TW-0010349-24092-N	Residence	179 Pilokea Court	D3-TW-0010349-24092-N	2024-07-11	N (Normal)	D3-TW-0010363-24092-N	Residence	280 Puakauhi Court	D3-TW-0010363-24092-N	2024-07-11	N (Normal)	D3-TW-0010368-24092-N	Residence	1003 Puakala Street	D3-TW-0010368-24092-N	2024-07-11	N (Normal)	D3-TW-0010376-24092-N	Residence	1016 Puakala Street	D3-TW-0010376-24092-N	2024-07-30	N (Normal)

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
Field Sample ID:				D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
Sample Date:				2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
Sample Type:				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	--	--	--	Absent	--	Absent
	E. coli	--	--	Absent	--	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	--	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	520	300	500	520	520	540	460	510
Field Test (pH)	pH	--	--	7.22	7.19	7.16	7.28	7.33	7.27	7.14	7.20
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.260	0.260	0.260	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.2	43.8	24.6	23.9	23.9	23.6	39.9	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.00220	0.210	0.0790	0.0710	0.0550	0.00	0.170
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54700	--	--	--	--	54600	--	55100
	Total Organic Carbon	--	--	ND	--	--	--	--	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	62.3	--	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	47.4	--	ND	ND	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	110	--	ND	ND	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	24.4	--	--	--	--	7.40	--	4.50
	Lead	15	MCL	ND	--	--	--	--	ND	--	ND
	Mercury	2	MCL	ND	--	--	--	--	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	--	--	ND	--	ND
	2-Methylnaphthalene	--	--	ND	--	--	--	--	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	ND	--	ND
	Naphthalene	--	--	ND	--	--	--	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	--	--	--	ND	--	ND

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-PUAP0223			D3-WELA0256			D3-WELA0277	
		Location Type: Residence			Residence			Residence	
		Address: 223 Puapilo Court			256 Wela Loop			277 Wela Loop	
		Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
		Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	ND	--	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	--	ND	--	ND
	o-Xylene	--	--	ND	--	--	ND	--	ND
	Toluene	1000	MCL	ND	--	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	ND	--	ND
	Bromoform	--	--	ND	--	--	ND	--	ND
	Chloroform	--	--	ND	--	--	ND	--	ND
	Dibromochloromethane	--	--	ND	--	--	ND	--	ND
	Total Trihalomethanes	80	MCL	ND	--	--	ND	--	ND
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	11H-Benzo(b)fluorene	--	--	ND	--	--	--	--	--
	1-Methyl-7-(1-methylethyl)-phenanthrene	--	--	ND	--	--	--	--	--
	1-Methyldibenzothiophene	--	--	ND	--	--	--	--	--
	1-Methylnaphthalene	--	--	ND	--	--	--	--	--
	1-Methylphenanthrene	--	--	ND	--	--	--	--	--
	2,3,5-Trimethylnaphthalene	--	--	ND	--	--	--	--	--
	2,6-Dimethylnaphthalene	--	--	ND	--	--	--	--	--
	2+3-Methyldibenzothiophene Total	--	--	ND	--	--	--	--	--
	2-Methylanthracene	--	--	ND	--	--	--	--	--
	2-Methylnaphthalene	--	--	ND	--	--	--	--	--
	2-Methylphenanthrene	--	--	ND	--	--	--	--	--
	2-Methylpyrene	--	--	ND	--	--	--	--	--

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
Field Sample ID:				D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
Sample Date:				2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
Sample Type:				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	3-Methylphenanthrene	--	--	ND	--	--	--	--	--	--	--
	4+9-Methylphenanthrene Total	--	--	ND	--	--	--	--	--	--	--
	4-Methyldibenzothiophene	--	--	ND	--	--	--	--	--	--	--
	4-Methylpyrene	--	--	ND	--	--	--	--	--	--	--
	Acenaphthene	--	--	ND	--	--	--	--	--	--	--
	Acenaphthylene	--	--	ND	--	--	--	--	--	--	--
	Anthracene	--	--	ND	--	--	--	--	--	--	--
	Benzo(a)anthracene	--	--	ND	--	--	--	--	--	--	--
	Benzo(a)fluoranthene	--	--	ND	--	--	--	--	--	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	--	--	--
	Benzo(b)fluoranthene	--	--	ND	--	--	--	--	--	--	--
	Benzo(b)thiophene	--	--	ND	--	--	--	--	--	--	--
	Benzo(c)fluorene	--	--	ND	--	--	--	--	--	--	--
	Benzo(e)pyrene	--	--	ND	--	--	--	--	--	--	--
	Benzo(g,h,i)perylene	--	--	ND	--	--	--	--	--	--	--
	Benzo(j+k)fluoranthene Total	--	--	ND	--	--	--	--	--	--	--
	Benzonaphthothiophene	--	--	ND	--	--	--	--	--	--	--
	Biphenyl (Diphenyl)	--	--	ND	--	--	--	--	--	--	--
	C1-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--
	C1-Chrysene	--	--	ND	--	--	--	--	--	--	--
	C1-Decalins	--	--	ND	--	--	--	--	--	--	--
	C1-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--
	C1-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C1-Fluorene	--	--	ND	--	--	--	--	--	--	--
	C1-Naphthalene	--	--	ND	--	--	--	--	--	--	--
	C1-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--
	C1-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--
	C2-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--
	C2-Chrysene	--	--	ND	--	--	--	--	--	--	--
	C2-Decalins	--	--	ND	--	--	--	--	--	--	--
	C2-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--
	C2-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--
	C2-Fluorene	--	--	ND	--	--	--	--	--	--	--
	C2-Naphthalene	--	--	ND	--	--	--	--	--	--	--
	C2-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--
	C2-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--
	C3-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--
	C3-Chrysene	--	--	ND	--	--	--	--	--	--	--
	C3-Decalins	--	--	ND	--	--	--	--	--	--	--
	C3-Dibenzothiophene	--	--	ND	--	--	--	--	--	--	--
	C3-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--	--	--
	C3-Fluorene	--	--	ND	--	--	--	--	--	--	--
	C3-Naphthalene	--	--	ND	--	--	--	--	--	--	--
C3-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--	--	--	
C3-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--	--	--	
C4-Benzo(b)thiophenes	--	--	ND	--	--	--	--	--	--	--	

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-PUAP0223			D3-WELA0256			D3-WELA0277	
		Location Type: Residence			Residence			Residence	
		Address: 223 Puapilo Court			256 Wela Loop			277 Wela Loop	
		Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
		Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Parent and Alkylated Polycyclic Aromatic Hydrocarbons (ppb)	C4-Chrysene	--	--	ND	--	--	--	--	--
	C4-Decalins	--	--	ND	--	--	--	--	--
	C4-Dibenzothiophenes	--	--	ND	--	--	--	--	--
	C4-Fluoranthenes/Pyrenes	--	--	ND	--	--	--	--	--
	C4-Naphthalene	--	--	ND	--	--	--	--	--
	C4-Naphthobenzothiophenes	--	--	ND	--	--	--	--	--
	C4-Phenanthrene/Anthracene	--	--	ND	--	--	--	--	--
	Carbazole	--	--	ND	--	--	--	--	--
	Chrysene+Triphenylene Total	--	--	ND	--	--	--	--	--
	cis+trans-Decahydronaphthalene Total	--	--	ND	--	--	--	--	--
	Dibenz(a,c)+(a,h)anthracene Total	--	--	ND	--	--	--	--	--
	Dibenzofuran	--	--	ND	--	--	--	--	--
	Dibenzothiophene	--	--	ND	--	--	--	--	--
	Fluoranthene	--	--	ND	--	--	--	--	--
	Fluorene	--	--	ND	--	--	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	--	--
	Methylpyrene	--	--	ND	--	--	--	--	--
	Naphthalene	--	--	ND	--	--	--	--	--
	Perylene	--	--	ND	--	--	--	--	--
	Phenanthrene	--	--	ND	--	--	--	--	--
Pyrene	--	--	ND	--	--	--	--	--	
PIANO Volatile Organic Compounds (ppb)	1,1,4-Trimethylcyclohexane	--	--	ND	--	--	--	--	--
	1,1-Dimethyl cyclopentane	--	--	ND	--	--	--	--	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223 Location Type: Residence Address: 223 Puapilo Court					Location ID: D3-WELA0256 Location Type: Residence Address: 256 Wela Loop		Location ID: D3-WELA0277 Location Type: Residence Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	Field Sample ID: D3-TW-0010607-24092-N-H	Field Sample ID: D3-TW-0010607-24092-N-R1	Field Sample ID: D3-TW-0010607-24092-N-1	Field Sample ID: D3-TW-0010607-24092-N-2	Field Sample ID: D3-TW-0010629-24092-N	Field Sample ID: D3-TW-0010629-24092-N-H	Field Sample ID: D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-11
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	1,2,3,4-Tetramethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2,3,5-Tetramethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2,3-Trimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2,4,5-Tetramethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2,4-Triethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2,4-Trimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,2-Dibromoethane (EDB)	--	--	ND	--	--	--	--	--	--	--
	1,2-Dichloroethane	5	MCL	ND	--	--	--	--	--	--	--
	1,2-Diethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,3,5-Triethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1,3-Diethyl benzene	--	--	ND	--	--	--	--	--	--	--
	1,3-Dimethyl-5-tert-Butylbenzene	--	--	ND	--	--	--	--	--	--	--
	1-Ethyl-2,3-dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1-Ethyl-2,4-dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1-ethyl-3,5-Dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	1-Heptene+trans-1,2-Dimethylcyclopentane Total	--	--	ND	--	--	--	--	--	--	--
	1-Hexene	--	--	ND	--	--	--	--	--	--	--
	1-Methylnaphthalene	--	--	ND	--	--	--	--	--	--	--
	1-Nonene	--	--	ND	--	--	--	--	--	--	--
	1-Pentene	--	--	ND	--	--	--	--	--	--	--
	2,2,3-Trimethylbutane	--	--	ND	--	--	--	--	--	--	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	Field Sample ID: D3-TW-0010607-24092-N-H	Field Sample ID: D3-TW-0010607-24092-N-R1	Field Sample ID: D3-TW-0010607-24092-N-1	Field Sample ID: D3-TW-0010607-24092-N-2	Field Sample ID: D3-TW-0010629-24092-N	Field Sample ID: D3-TW-0010629-24092-N-H	Field Sample ID: D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-11
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	2,2,3-Trimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,2,4-Trimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,2-Dimethyl hexane	--	--	ND	--	--	--	--	--	--	--
	2,2-Dimethylbutane	--	--	ND	--	--	--	--	--	--	--
	2,2-Dimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,3,3-Trimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,3,4-Trimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,3-Dihydro-1H-indene	--	--	ND	--	--	--	--	--	--	--
	2,3-Dimethyl hexane	--	--	ND	--	--	--	--	--	--	--
	2,3-Dimethylbutane	--	--	ND	--	--	--	--	--	--	--
	2,3-Dimethylethylheptane	--	--	ND	--	--	--	--	--	--	--
	2,3-Dimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,4-Dimethylhexane	--	--	ND	--	--	--	--	--	--	--
	2,4-Dimethylpentane	--	--	ND	--	--	--	--	--	--	--
	2,5-Dimethylheptane	--	--	ND	--	--	--	--	--	--	--
	2,5-Dimethylhexane	--	--	ND	--	--	--	--	--	--	--
	2-Ethyl-1,3-dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	2-ethyl-1,4-Dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	2-Ethylthiophene	--	--	ND	--	--	--	--	--	--	--
	2-Ethyltoluene	--	--	ND	--	--	--	--	--	--	--
	2-Methyl butane	--	--	ND	--	--	--	--	--	--	--
	2-Methyl hexane	--	--	ND	--	--	--	--	--	--	--
	2-Methyl-1,3-butadiene (Isoprene)	--	--	ND	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
				Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
PIANO Volatile Organic Compounds (ppb)	2-Methyl-1-butene	--	--	ND	--	--	--	--	--	--	--
	2-Methyl-2-pentene	--	--	ND	--	--	--	--	--	--	--
	2-Methyl-heptane	--	--	ND	--	--	--	--	--	--	--
	2-Methylnaphthalene	--	--	ND	--	--	--	--	--	--	--
	2-Methylnonane	--	--	ND	--	--	--	--	--	--	--
	2-Methyloctane	--	--	ND	--	--	--	--	--	--	--
	2-Methyl-pentane	--	--	ND	--	--	--	--	--	--	--
	2-Methylthiophene	--	--	ND	--	--	--	--	--	--	--
	2-Propyltoluene	--	--	ND	--	--	--	--	--	--	--
	3,3-Diethylpentane	--	--	ND	--	--	--	--	--	--	--
	3,3-Dimethylheptane	--	--	ND	--	--	--	--	--	--	--
	3,3-Dimethyloctane	--	--	ND	--	--	--	--	--	--	--
	3,3-Dimethylpentane	--	--	ND	--	--	--	--	--	--	--
	3,4-Dimethylheptane	--	--	ND	--	--	--	--	--	--	--
	3,5-Dimethylheptane	--	--	ND	--	--	--	--	--	--	--
	3-Ethyl pentane	--	--	ND	--	--	--	--	--	--	--
	3-Ethylhexane	--	--	ND	--	--	--	--	--	--	--
	3-Ethyltoluene	--	--	ND	--	--	--	--	--	--	--
	3-Methyl-1-butene	--	--	ND	--	--	--	--	--	--	--
	3-Methylheptane	--	--	ND	--	--	--	--	--	--	--
	3-Methylhexane	--	--	ND	--	--	--	--	--	--	--
	3-Methylnonane	--	--	ND	--	--	--	--	--	--	--
	3-Methylpentane	--	--	ND	--	--	--	--	--	--	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	Field Sample ID: D3-TW-0010607-24092-N-H	Field Sample ID: D3-TW-0010607-24092-N-R1	Field Sample ID: D3-TW-0010607-24092-N-1	Field Sample ID: D3-TW-0010607-24092-N-2	Field Sample ID: D3-TW-0010629-24092-N	Field Sample ID: D3-TW-0010629-24092-N-H	Field Sample ID: D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-11
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	3-Methylthiophene	--	--	ND	--	--	--	--	--	--	--
	3-Propylbenzene	--	--	ND	--	--	--	--	--	--	--
	4-ethyl-1,2-Dimethylbenzene	--	--	ND	--	--	--	--	--	--	--
	4-Ethyltoluene	--	--	ND	--	--	--	--	--	--	--
	4-Methyl-1-pentene	--	--	ND	--	--	--	--	--	--	--
	4-Methylheptane	--	--	ND	--	--	--	--	--	--	--
	4-Methyloctane	--	--	ND	--	--	--	--	--	--	--
	4-Propyltoluene	--	--	ND	--	--	--	--	--	--	--
	Benzene	5	MCL	ND	--	--	--	--	--	--	--
	Benzo(b)thiophene	--	--	ND	--	--	--	--	--	--	--
	cis-1,2-Dimethylcyclohexane	--	--	ND	--	--	--	--	--	--	--
	cis-1,3-Dimethylcyclopentane	--	--	ND	--	--	--	--	--	--	--
	cis-2-Heptene	--	--	ND	--	--	--	--	--	--	--
	cis-2-Hexene	--	--	ND	--	--	--	--	--	--	--
	cis-2-Nonene	--	--	ND	--	--	--	--	--	--	--
	cis-2-Octene	--	--	ND	--	--	--	--	--	--	--
	cis-2-Pentene	--	--	ND	--	--	--	--	--	--	--
	cis-3-Nonene	--	--	ND	--	--	--	--	--	--	--
	Cumene	--	--	ND	--	--	--	--	--	--	--
	Cyclohexane	--	--	ND	--	--	--	--	--	--	--
	Cyclopentane	--	--	ND	--	--	--	--	--	--	--
	Decene	--	--	ND	--	--	--	--	--	--	--
	Ethylbenzene	700	MCL	ND	--	--	--	--	--	--	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223					Location ID: D3-WELA0256		Location ID: D3-WELA0277
				Location Type: Residence					Location Type: Residence		Location Type: Residence
				Address: 223 Puapilo Court					Address: 256 Wela Loop		Address: 277 Wela Loop
				Field Sample ID: D3-TW-0010607-24092-N	Field Sample ID: D3-TW-0010607-24092-N-H	Field Sample ID: D3-TW-0010607-24092-N-R1	Field Sample ID: D3-TW-0010607-24092-N-1	Field Sample ID: D3-TW-0010607-24092-N-2	Field Sample ID: D3-TW-0010629-24092-N	Field Sample ID: D3-TW-0010629-24092-N-H	Field Sample ID: D3-TW-0010643-24092-N
				Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-22	Sample Date: 2024-07-11	Sample Date: 2024-07-11	Sample Date: 2024-07-11
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
PIANO Volatile Organic Compounds (ppb)	Ethyl-cyclopentane	--	--	ND	--	--	--	--	--	--	--
	Hexylbenzene	--	--	ND	--	--	--	--	--	--	--
	Indene	--	--	ND	--	--	--	--	--	--	--
	Isobutylbenzene	--	--	ND	--	--	--	--	--	--	--
	Isobutylcyclohexane	--	--	ND	--	--	--	--	--	--	--
	Isopropyl ether	--	--	ND	--	--	--	--	--	--	--
	Isopropylcyclopentane	--	--	ND	--	--	--	--	--	--	--
	m,p-Xylene	--	--	ND	--	--	--	--	--	--	--
	m-Cymene	--	--	ND	--	--	--	--	--	--	--
	Methyl tert-butyl ether (MTBE)	--	--	ND	--	--	--	--	--	--	--
	Methylcyclohexane	--	--	ND	--	--	--	--	--	--	--
	Methylcyclopentadienyl Manganese Tricarbonyl	--	--	ND	--	--	--	--	--	--	--
	Methylcyclopentane	--	--	ND	--	--	--	--	--	--	--
	Methylethylcyclohexane	--	--	ND	--	--	--	--	--	--	--
	Naphthalene	--	--	ND	--	--	--	--	--	--	--
	n-Butylbenzene	--	--	ND	--	--	--	--	--	--	--
	n-Decane	--	--	ND	--	--	--	--	--	--	--
	n-Dodecane	--	--	ND	--	--	--	--	--	--	--
	n-Heptane	--	--	ND	--	--	--	--	--	--	--
	n-Hexane	--	--	ND	--	--	--	--	--	--	--
	n-Nonane	--	--	ND	--	--	--	--	--	--	--
	n-Octane	--	--	ND	--	--	--	--	--	--	--
	n-Pentane	--	--	ND	--	--	--	--	--	--	--

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

		Location ID: D3-PUAP0223			D3-WELA0256			D3-WELA0277	
		Location Type: Residence			Residence			Residence	
		Address: 223 Puapilo Court			256 Wela Loop			277 Wela Loop	
		Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
		Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
PIANO Volatile Organic Compounds (ppb)	n-Propylbenzene	--	--	ND	--	--	--	--	--
	n-Tetradecane	--	--	ND	--	--	--	--	--
	n-Tridecane	--	--	ND	--	--	--	--	--
	n-Undecane	--	--	ND	--	--	--	--	--
	Octene-1	--	--	ND	--	--	--	--	--
	o-Cymene (o-Isopropyltoluene)	--	--	ND	--	--	--	--	--
	o-Xylene	--	--	ND	--	--	--	--	--
	p-Cymene (p-Isopropyltoluene)	--	--	ND	--	--	--	--	--
	Pentadecane	--	--	ND	--	--	--	--	--
	Pentylbenzene	--	--	ND	--	--	--	--	--
	sec-Butylbenzene	--	--	ND	--	--	--	--	--
	Styrene	100	MCL	ND	--	--	--	--	--
	tert-Amyl methyl ether	--	--	ND	--	--	--	--	--
	tert-Butyl alcohol	--	--	ND	--	--	--	--	--
	tert-Butyl ethyl ether	--	--	ND	--	--	--	--	--
	tert-Butylbenzene	--	--	ND	--	--	--	--	--
	Thiophene	--	--	ND	--	--	--	--	--
	Toluene	1000	MCL	ND	--	--	--	--	--
	trans-1,2-Dimethylcyclohexane	--	--	ND	--	--	--	--	--
	trans-1,4-Dimethylcyclohexane	--	--	ND	--	--	--	--	--
trans-2-Heptene	--	--	ND	--	--	--	--	--	
trans-2-Hexene	--	--	ND	--	--	--	--	--	
trans-2-Pentene	--	--	ND	--	--	--	--	--	

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		Location ID: D3-PUAP0223			D3-WELA0256			D3-WELA0277	
		Location Type: Residence			Residence			Residence	
		Address: 223 Puapilo Court			256 Wela Loop			277 Wela Loop	
		Field Sample ID: D3-TW-0010607-24092-N	D3-TW-0010607-24092-N-H	D3-TW-0010607-24092-N-R1	D3-TW-0010607-24092-N-1	D3-TW-0010607-24092-N-2	D3-TW-0010629-24092-N	D3-TW-0010629-24092-N-H	D3-TW-0010643-24092-N
		Sample Date: 2024-07-11	2024-07-11	2024-07-22	2024-07-22	2024-07-22	2024-07-11	2024-07-11	2024-07-11
		Sample Type: N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
PIANO Volatile Organic Compounds (ppb)	trans-3-Heptene	--	--	ND	--	--	--	--	--
	trans-3-Nonene	--	--	ND	--	--	--	--	--
	Trimethyl octane	--	--	ND	--	--	--	--	--
	Xylenes, Total	10000	MCL	ND	--	--	--	--	--
Saturated Hydrocarbons (ppb)	2,6,10,14-Tetramethylhexadecane	--	--	ND	--	--	--	--	--
	2,6,10,14-Tetramethylpentadecane	--	--	ND	--	--	--	--	--
	2,6,10-Trimethyldodecane	--	--	ND	--	--	--	--	--
	2,6,10-Trimethylpentadecane	--	--	ND	--	--	--	--	--
	2,6,10-Trimethyltridecane	--	--	ND	--	--	--	--	--
	Dotriacontane	--	--	ND	--	--	--	--	--
	Henicosane	--	--	ND	--	--	--	--	--
	Hentriacontane	--	--	ND	--	--	--	--	--
	Heptacosane	--	--	ND	--	--	--	--	--
	Heptadecane	--	--	ND	--	--	--	--	--
	Heptatriacontane	--	--	ND	--	--	--	--	--
	Hexatriacontane	--	--	ND	--	--	--	--	--
	n-Decane	--	--	ND	--	--	--	--	--
	n-Docosane	--	--	ND	--	--	--	--	--
	n-Dodecane	--	--	ND	--	--	--	--	--
	n-Eicosane	--	--	ND	--	--	--	--	--
	n-Hexacosane	--	--	ND	--	--	--	--	--
	n-Hexadecane	--	--	ND	--	--	--	--	--
	n-Nonane	--	--	ND	--	--	--	--	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: D3-PUAP0223			Location ID: D3-WELA0256		Location ID: D3-WELA0277																			
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type																
				D3-TW-0010607-24092-N	2024-07-11	N (Normal)	D3-TW-0010607-24092-N-H	2024-07-11	N (Normal)	D3-TW-0010607-24092-N-R1	2024-07-22	N (Normal)	D3-TW-0010607-24092-N-1	2024-07-22	N (Normal)	D3-TW-0010607-24092-N-2	2024-07-22	N (Normal)	D3-TW-0010629-24092-N	2024-07-11	N (Normal)	D3-TW-0010629-24092-N-H	2024-07-11	N (Normal)	D3-TW-0010643-24092-N	2024-07-11	N (Normal)	
				Location Type: Residence			Location Type: Residence		Location Type: Residence																			
				Address: 223 Puapilo Court			Address: 256 Wela Loop		Address: 277 Wela Loop																			
Saturated Hydrocarbons (ppb)	n-Octacosane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Octadecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nonacosane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nonadecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nonatriacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Tetracosane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Tetradecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Triacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Tridecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	n-Undecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Octatriacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pentacosane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pentadecane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Pentatriacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Petroleum Hydrocarbons C9-C44	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Tetracontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Tetratriacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Total Saturated Hydrocarbons	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Tricosane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Tritriacontane	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-WELA0282	
				D3-WELA0277	D3-TW-0010645-24092-N	D3-TW-0010645-24092-N-H
				Residence	Residence	
				277 Wela Loop	282 Wela Loop	
				D3-TW-0010643-24092-N-H	D3-TW-0010645-24092-N	D3-TW-0010645-24092-N-H
				Sample Date: 2024-07-11	2024-07-11	2024-07-11
				Sample Type: N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--
	E. coli	--	--	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	260	540	120
Field Test (pH)	pH	--	--	7.24	7.15	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.270
Field Test (degrees Celcius)	Temperature	--	--	43.1	25.3	46.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.180	0.0910	0.350
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	53500	--
	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	--	10.3	--
	Lead	15	MCL	--	ND	--
	Mercury	2	MCL	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--
	2-Methylnaphthalene	--	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--
	Naphthalene	--	--	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Residences in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-WELA0282	
				D3-WELA0277	D3-TW-0010645-24092-N	D3-TW-0010645-24092-N-H
				D3-WELA0277	D3-WELA0282	
				Residence	Residence	
				277 Wela Loop	282 Wela Loop	
				D3-TW-0010643-24092-N-H	D3-TW-0010645-24092-N	D3-TW-0010645-24092-N-H
				2024-07-11	2024-07-11	2024-07-11
				N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--
	m,p-Xylene	--	--	--	ND	--
	o-Xylene	--	--	--	ND	--
	Toluene	1000	MCL	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--
	Bromoform	--	--	--	ND	--
	Chloroform	--	--	--	ND	--
	Dibromochloromethane	--	--	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--

Summary of Chemistry Results
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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 from Schools in Zone D3

				Location ID: D3-BLDG0001 Location Type: School Address: Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24183-N-4	D3-TW-0017506-24183-N-2	D3-TW-0017506-24183-N-4-H	D3-TW-0017506-24183-N-2-H	D3-TW-0017506-24183-N-3	D3-TW-0017506-24183-N-1	D3-TW-0017506-24183-N-3-H	D3-TW-0017506-24183-N-5
				Sample Date:	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	--	Absent	Absent	--	Absent	
	E. coli	--	--	Absent	Absent	--	--	Absent	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	4.00	ND	ND	ND	8.00	
Field Test (ppb)	Free Chlorine	4000	MCL	410	190	90.0	140	330	130	30.0	370	
Field Test (pH)	pH	--	--	7.24	7.21	7.24	7.42	7.19	7.15	7.60	7.13	
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.270	0.280	0.290	0.270	0.260	0.310	0.270	
Field Test (degrees Celcius)	Temperature	--	--	29.6	29.4	29.0	43.4	28.0	27.3	48.5	29.6	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	1.17	1.09	0.750	0.810	0.570	0.950	2.33	2.93	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	50300	50800	--	--	52900	50500	--	50500	
	Total Organic Carbon	--	--	ND	ND	--	--	ND	ND	--	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	--	--	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	--	--	ND	ND	--	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	--	--	ND	ND	--	ND	
	Petroleum Hydrocarbons, Total	--	--	ND	ND	--	--	ND	ND	--	ND	
Metals (ppb)	Copper	1300	MCL	34.4	90.1	--	--	57.7	67.4	--	24.1	
	Lead	15	MCL	0.160	0.180	--	--	0.210	ND	--	ND	
	Mercury	2	MCL	ND	ND	--	--	ND	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	--	ND	ND	--	ND	
	2-Methylnaphthalene	--	--	ND	ND	--	--	ND	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	--	ND	ND	--	ND	
	Naphthalene	--	--	ND	ND	--	--	ND	ND	--	ND	

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

				Location ID: D3-BLDG0001 Location Type: School Address: Assets School, 1 Ohana Nui Way, Building 1								
				Field Sample ID:	D3-TW-0017506-24183-N-4	D3-TW-0017506-24183-N-2	D3-TW-0017506-24183-N-4-H	D3-TW-0017506-24183-N-2-H	D3-TW-0017506-24183-N-3	D3-TW-0017506-24183-N-1	D3-TW-0017506-24183-N-3-H	D3-TW-0017506-24183-N-5
				Sample Date:	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	Benzene	5	MCL	ND	ND	--	--	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	--	ND	ND	--	ND	ND
	m,p-Xylene	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	--	--	ND	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	--	ND	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	Bromoform	--	--	0.330	ND	--	--	0.350	ND	--	ND	ND
	Chloroform	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	ND	--	--	ND	ND	--	ND	ND
	Total Trihalomethanes	80	MCL	0.330	ND	--	--	0.350	ND	--	ND	ND

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

		Location ID:		D3-BLDG0520						D3-BLDG0830	
		Location Type:		School						School	
		Address:		Chester Nimitz Elementary, 520 Main St, Building 520						Holy Family Catholic Academy, 830 Main St, Building 830	
		Field Sample ID:		D3-TW-0017507-24183-N-3	D3-TW-0017507-24183-N-1	D3-TW-0017507-24183-N-1-H	D3-TW-0017507-24183-N-4	D3-TW-0017507-24183-N-2	D3-TW-0017507-24183-N-5	D3-TW-0017509-24183-N-1	D3-TW-0017509-24183-N-1-H
		Sample Date:		2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-01	2024-07-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	Absent	Absent	Absent	--
	E. coli	--	--	Absent	Absent	--	Absent	Absent	Absent	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	6.00	77.0	65.0	ND	ND	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	480	360	100	30.0	340	340	400	520
Field Test (pH)	pH	--	--	7.22	7.28	7.72	7.29	7.39	7.26	7.25	7.78
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.260	0.280	0.260	0.260	0.260	0.260	0.280
Field Test (degrees Celcius)	Temperature	--	--	24.2	27.1	40.8	25.4	25.4	28.6	24.2	36.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0310	0.520	0.450	0.0190	0.190	0.0720	1.54	0.340
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52800	53200	--	51500	53800	52400	52100	--
	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	34.9	62.1	--	188	77.9	111	12.5	--
	Lead	15	MCL	ND	0.140	--	0.150	0.250	0.270	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	--
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	ND	ND	ND	--
	Naphthalene	--	--	ND	ND	--	ND	ND	ND	ND	--

Summary of Chemistry Results

Zone D3

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

		Location ID: D3-BLDG0520		D3-BLDG0520						D3-BLDG0830	
		Location Type: School		School						School	
		Address: Chester Nimitz Elementary, 520 Main St, Building 520		Chester Nimitz Elementary, 520 Main St, Building 520						Holy Family Catholic Academy, 830 Main St, Building 830	
		Field Sample ID:	D3-TW-0017507-24183-N-3	D3-TW-0017507-24183-N-1	D3-TW-0017507-24183-N-1-H	D3-TW-0017507-24183-N-4	D3-TW-0017507-24183-N-2	D3-TW-0017507-24183-N-5	D3-TW-0017509-24183-N-1	D3-TW-0017509-24183-N-1-H	
		Sample Date:	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-08	2024-07-01	2024-07-01	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND	ND	ND	--
	Benzene	5	MCL	ND	ND	--	ND	ND	ND	ND	--
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND	ND	ND	--
	m,p-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	--
	o-Xylene	--	--	ND	ND	--	ND	ND	ND	ND	--
	Toluene	1000	MCL	ND	ND	--	ND	ND	ND	ND	--
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND	ND	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	ND	ND	ND	--
	Bromoform	--	--	ND	ND	--	0.550	ND	0.300	0.770	--
	Chloroform	--	--	ND	ND	--	ND	ND	ND	ND	--
	Dibromochloromethane	--	--	0.260	ND	--	0.260	ND	ND	0.370	--
	Total Trihalomethanes	80	MCL	0.260	ND	--	0.810	ND	0.300	1.14	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

				D3-BLDG0830						D3-BLDG1309H	
		Location ID:		School						School	
		Location Type:		Holy Family Catholic Academy, 830 Main St, Building 830						MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H	
		Address:									
		Field Sample ID:		D3-TW-0017509-24183-N-5	D3-TW-0017509-24183-N-3	D3-TW-0017509-24183-N-5-H	D3-TW-0017509-24183-N-2	D3-TW-0017509-24183-N-2-H	D3-TW-0017509-24183-N-4	D3-TW-0015133-24183-N-1	D3-TW-0015133-24183-N-2
		Sample Date:		2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-30	2024-07-03	2024-07-03
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent	--	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	--	Absent	--	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	17.0	ND	4.00	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	160	90.0	90.0	360	370	250	560	130
Field Test (pH)	pH	--	--	7.13	7.31	7.31	7.30	8.45	7.33	7.15	7.23
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.260	0.260	0.260	0.300	0.250	0.240	0.240
Field Test (degrees Celcius)	Temperature	--	--	26.8	28.0	28.0	28.5	40.1	26.8	26.5	26.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.270	0.560	0.560	0.720	0.840	0.00350	0.350	0.190
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	49300	50900	--	50100	--	57300	51700	52400
	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	82.5	140	--	15.8	--	115	15.5	38.0
	Lead	15	MCL	0.180	0.230	--	ND	--	ND	0.170	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
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND	--	0.0260	ND	ND
	Naphthalene	--	--	ND	ND	--	ND	--	ND	ND	ND

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

		Location ID:		D3-BLDG0830						D3-BLDG1309H	
		Location Type:		School						School	
		Address:		Holy Family Catholic Academy, 830 Main St, Building 830						MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H	
		Field Sample ID:		D3-TW-0017509-24183-N-5	D3-TW-0017509-24183-N-3	D3-TW-0017509-24183-N-5-H	D3-TW-0017509-24183-N-2	D3-TW-0017509-24183-N-2-H	D3-TW-0017509-24183-N-4	D3-TW-0015133-24183-N-1	D3-TW-0015133-24183-N-2
		Sample Date:		2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-01	2024-07-30	2024-07-03	2024-07-03
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	--	ND	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	--	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	--	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	--	ND	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	--	ND	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	--	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	--	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	--	ND	ND	ND
	Bromoform	--	--	0.420	ND	--	0.680	--	ND	0.480	ND
	Chloroform	--	--	ND	ND	--	ND	--	ND	ND	ND
	Dibromochloromethane	--	--	0.260	ND	--	0.400	--	ND	0.310	ND
	Total Trihalomethanes	80	MCL	0.680	ND	--	1.08	--	ND	0.790	ND

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

		Location ID: D3-BLDG1309H					
		Location Type: School					
		Address: MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H					
		Field Sample ID:		D3-TW-0015133-24183-N-3	D3-TW-0015133-24183-N-4	D3-TW-0015133-24183-N-4-H	D3-TW-0015133-24183-N-5
		Sample Date:		2024-07-03	2024-07-03	2024-07-03	2024-07-26
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	Absent
	E. coli	--	--	Absent	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	420	750	380	690
Field Test (pH)	pH	--	--	7.19	7.28	7.62	7.43
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.260	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.4	28.1	41.4	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.190	0.510	0.390
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52000	53300	--	58500
	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	42.5	31.1	--	37.9
	Lead	15	MCL	0.190	0.160	--	0.130
	Mercury	2	MCL	ND	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	ND
	2-Methylnaphthalene	--	--	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	--	ND

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Schools in Zone D3

				Location ID: D3-BLDG1309H				
				Location Type: School				
				Address: MOKULELE ELEM BLDG A, 250 Aupaka St, Building 1309H				
				Field Sample ID:	D3-TW-0015133-24183-N-3	D3-TW-0015133-24183-N-4	D3-TW-0015133-24183-N-4-H	D3-TW-0015133-24183-N-5
				Sample Date:	2024-07-03	2024-07-03	2024-07-03	2024-07-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	ND	ND
	Benzene	5	MCL	ND	ND	--	ND	ND
	Ethylbenzene	700	MCL	ND	ND	--	ND	ND
	m,p-Xylene	--	--	ND	ND	--	ND	ND
	o-Xylene	--	--	ND	ND	--	ND	ND
	Toluene	1000	MCL	ND	ND	--	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	--	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	ND	ND
	Bromoform	--	--	ND	0.500	--	ND	ND
	Chloroform	--	--	ND	ND	--	ND	ND
	Dibromochloromethane	--	--	ND	0.270	--	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.770	--	ND	ND

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	D3-BLDG0515 Child Development Center Building 515, Pearl Harbor Church of Christ (515 Main St)			D3-BLDG1330H Child Development Center Building 1330H, YOUTH CENTER, 234 Melick Ave		D3-BLDG1335H Child Development Center Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date
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	8.00	ND	2.00	ND	33.0	ND
Field Test (ppb)	Free Chlorine	4000	MCL	380	260	450	300	520	280	100	320
Field Test (pH)	pH	--	--	7.26	7.33	7.29	7.47	7.50	7.25	7.18	7.38
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.250	0.250	0.250	0.280	0.270	0.260
Field Test (degrees Celcius)	Temperature	--	--	27.6	36.0	26.2	28.3	27.9	23.9	35.3	27.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0440	0.300	0.260	0.0220	0.940	0.00	0.380	0.0370
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52200	--	53000	57100	58800	52100	--	51200
	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	20.9	--	5.00	87.7	101	84.4	--	32.0
	Lead	15	MCL	0.210	--	ND	0.130	0.170	0.370	--	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
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	ND	ND	ND	--	ND

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Zone D3

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

		Location ID:		D3-BLDG0515			D3-BLDG1330H		D3-BLDG1335H		
		Location Type:		Child Development Center			Child Development Center		Child Development Center		
		Address:		Building 515, Pearl Harbor Church of Christ (515 Main St)			Building 1330H, YOUTH CENTER, 234 Melick Ave		Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)		
		Field Sample ID:		D3-TW-0017510-24183-N-1	D3-TW-0017510-24183-N-1-H	D3-TW-0017510-24183-N-2	D3-TW-0015139-24183-N-1	D3-TW-0015139-24183-N-2	D3-TW-0015141-24183-N-1	D3-TW-0015141-24183-N-1-H	D3-TW-0015141-24183-N-2
		Sample Date:		2024-07-03	2024-07-03	2024-07-03	2024-07-08	2024-07-29	2024-07-01	2024-07-01	2024-07-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Naphthalene	--	--	ND	--	ND	ND	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	ND	ND	ND	--	ND
	Benzene	5	MCL	ND	--	ND	ND	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND	ND	ND	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	ND	ND	ND	--	ND
	o-Xylene	--	--	ND	--	ND	ND	ND	ND	--	ND
	Toluene	1000	MCL	ND	--	0.260	ND	ND	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	ND	ND	ND	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.260	--	ND	ND	ND	0.250	--	ND
	Bromoform	--	--	0.920	--	0.690	0.730	0.550	1.80	--	1.20
	Chloroform	--	--	ND	--	ND	ND	ND	ND	--	ND
	Dibromochloromethane	--	--	0.730	--	0.470	0.420	0.370	0.880	--	0.740
	Total Trihalomethanes	80	MCL	1.91	--	1.16	1.15	0.920	2.93	--	1.94

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-BLDG1586H				D3-BLDG1654H			
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:
				D3-BLDG1335H Child Development Center Address: Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)	D3-BLDG1586H Child Development Center Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)				D3-BLDG1654H Child Development Center Building 1654H, CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)			
				D3-TW-0015141-24183-N-2-H 2024-07-01 N (Normal)	D3-TW-0015143-24183-N-1 2024-07-01 N (Normal)	D3-TW-0015143-24183-N-1-H 2024-07-01 N (Normal)	D3-TW-0015143-24183-N-2 2024-07-01 N (Normal)	D3-TW-0015153-24183-N-1 2024-07-01 N (Normal)	D3-TW-0015153-24183-N-1-H 2024-07-01 N (Normal)	D3-TW-0015153-24183-N-2 2024-07-01 N (Normal)	D3-TW-0015153-24183-N-2-H 2024-07-01 N (Normal)	
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	Absent	--	Absent	--	
	E. coli	--	--	--	Absent	--	Absent	Absent	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	0.00	450	260	400	530	900	210	160	
Field Test (pH)	pH	--	--	7.36	7.36	7.37	7.30	7.14	7.22	7.22	8.83	
Field Test (ms/cm)	Specific Conductivity	--	--	0.280	0.270	0.270	0.270	0.260	0.270	0.260	0.250	
Field Test (degrees Celcius)	Temperature	--	--	39.5	27.1	28.1	27.3	23.9	39.2	24.6	45.7	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.130	0.200	0.190	0.330	0.280	0.390	0.200	5.37	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	50800	--	50700	49900	--	52300	--	
	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	--	6.50	--	61.0	18.4	--	71.4	--	
	Lead	15	MCL	--	ND	--	0.390	ND	--	0.260	--	
	Mercury	2	MCL	--	ND	--	ND	ND	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	--	
	2-Methylnaphthalene	--	--	--	ND	--	ND	ND	--	ND	--	

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D3-BLDG1586H				D3-BLDG1654H																						
				Location Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:																		
				D3-BLDG1335H Child Development Center Address: Building 1335H, SCHOOL AGE CENTER - CDC (850 Ticonderoga St)	D3-TW-0015141-24183-N-2-H	2024-07-01	N (Normal)	Building 1586H, CHILD DEVELOPMENT CENTER-HICKAM MAIN CDC (80 Liliwai St)	D3-TW-0015143-24183-N-1	2024-07-01	N (Normal)	D3-TW-0015143-24183-N-1-H	2024-07-01	N (Normal)	D3-TW-0015143-24183-N-2	2024-07-01	N (Normal)	Building 1654H, CHILD DEVELOPMENT CENTER-HICKAM WEST CDC (170 Kuntz Ave)	D3-TW-0015153-24183-N-1	2024-07-01	N (Normal)	D3-TW-0015153-24183-N-1-H	2024-07-01	N (Normal)	D3-TW-0015153-24183-N-2	2024-07-01	N (Normal)	D3-TW-0015153-24183-N-2-H	2024-07-01	N (Normal)	
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	--	ND	--	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	--	ND	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	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	--	ND	--
	Benzene	5	MCL	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Ethylbenzene	700	MCL	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	o-Xylene	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Toluene	1000	MCL	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Xylenes, Total	10000	MCL	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Bromoform	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Chloroform	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	--	ND	--	ND	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

				D3-BLDG1859H Child Development Center Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)						
				Field Sample ID:	D3-TW-0015186-24183-N-1	D3-TW-0015186-24183-3-N-1	D3-TW-0015186-24183-N-1-H	D3-TW-0015186-24183-3-N-1-H	D3-TW-0015186-24183-N-2	D3-TW-0015186-24183-N-2-H
				Sample Date:	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	--	Absent	--	
	E. coli	--	--	Absent	Absent	--	--	Absent	--	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	6.00	2.00	2.00	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	740	--	340	--	760	560	
Field Test (pH)	pH	--	--	7.55	--	8.08	--	7.54	7.56	
Field Test (ms/cm)	Specific Conductivity	--	--	0.300	--	0.280	--	0.260	0.270	
Field Test (degrees Celcius)	Temperature	--	--	27.8	--	33.6	--	26.7	32.3	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.210	--	0.290	--	0.120	0.100	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	53900	51800	--	--	52300	--	
	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	11.1	11.2	--	--	168	--	
	Lead	15	MCL	ND	ND	--	--	ND	--	
	Mercury	2	MCL	ND	ND	--	--	ND	--	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	--	--	ND	--	
	2-Methylnaphthalene	--	--	ND	ND	--	--	ND	--	

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Drinking Water Samples Collected in July 2024 from Child Development Centers in Zone D3

				Location ID: D3-BLDG1859H Location Type: Child Development Center Address: Building 1859H, MAKAI RECREATION CENTER (Previously a NR before February 2023)						
				Field Sample ID:	D3-TW-0015186-24183-N-1	D3-TW-0015186-24183-3-N-1	D3-TW-0015186-24183-N-1-H	D3-TW-0015186-24183-3-N-1-H	D3-TW-0015186-24183-N-2	D3-TW-0015186-24183-N-2-H
				Sample Date:	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03	2024-07-03
				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Synthetic Organic Compounds (ppb)	Benzo(a)pyrene	0.2	MCL	ND	ND	--	--	ND	--	--
	Naphthalene	--	--	ND	ND	--	--	ND	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	--	--	ND	--	--
	1,3,5-Trimethylbenzene	--	--	ND	ND	--	--	ND	--	--
	Benzene	5	MCL	ND	ND	--	--	ND	--	--
	Ethylbenzene	700	MCL	ND	ND	--	--	ND	--	--
	m,p-Xylene	--	--	ND	ND	--	--	ND	--	--
	o-Xylene	--	--	ND	ND	--	--	ND	--	--
	Toluene	1000	MCL	ND	ND	--	--	ND	--	--
	Xylenes, Total	10000	MCL	ND	ND	--	--	ND	--	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	--	--	ND	--	--
	Bromoform	--	--	ND	ND	--	--	ND	--	--
	Chloroform	--	--	ND	ND	--	--	ND	--	--
	Dibromochloromethane	--	--	ND	ND	--	--	ND	--	--
	Total Trihalomethanes	80	MCL	ND	ND	--	--	ND	--	--

Summary of Chemistry Results
Zone D3
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Thousand (ppth)
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Drinking Water Samples Collected in July 2024 from Hydrants in Zone D3

		Location ID:	D3-HYD0188	D3-HYD0213	D3-HYD0219	D3-HYD0222	D3-HYD0411	D3-HYD0520	D3-HYD0592	D3-HYD2080
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH 188	FH 213	FH 219	FH 222	FH 411	FH 520	FH 592	FH ID: 473
		Field Sample ID:	D3-DL-0017729-24183 -N	D3-DL-0017735-24183 -N	D3-DL-0017733-24183 -N	D3-DL-0017730-24183 -N	D3-DL-0017731-24183 -N	D3-DL-0017734-24183 -N	D3-DL-0017732-24183 -N	D3-DL-0000547-24183 -N
		Sample Date:	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent
	E. coli	--	--	Absent	Absent	Absent	Absent	Absent	Absent	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	640	710	690	1040	730	710	740
Field Test (pH)	pH	--	--	7.54	7.37	7.32	7.25	7.25	7.30	7.35
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.250	0.250	0.250	0.250	0.250
Field Test (degrees Celcius)	Temperature	--	--	27.2	25.1	25.7	26.4	25.0	25.1	25.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.0350	1.77	0.940	0.450	0.450	0.580	1.33
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56500	54500	56200	56100	57100	57100	59200
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0170	ND	0.0180	ND	ND	0.0330
	Naphthalene	--	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone D3

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

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Drinking Water Samples Collected in July 2024 from Hydrants in Zone D3

		Location ID:	D3-HYD0188	D3-HYD0213	D3-HYD0219	D3-HYD0222	D3-HYD0411	D3-HYD0520	D3-HYD0592	D3-HYD2080
		Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
		Address:	FH 188	FH 213	FH 219	FH 222	FH 411	FH 520	FH 592	FH ID: 473
		Field Sample ID:	D3-DL-0017729-24183 -N	D3-DL-0017735-24183 -N	D3-DL-0017733-24183 -N	D3-DL-0017730-24183 -N	D3-DL-0017731-24183 -N	D3-DL-0017734-24183 -N	D3-DL-0017732-24183 -N	D3-DL-0000547-24183 -N
		Sample Date:	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29	2024-07-29
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND

Summary of Chemistry Results
Zone D3
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 from Other Buildings in Zone D3

		Location ID:	D3-BLDG1864H		
		Location Type:	Medical Building		
		Address:	BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave		
		Field Sample ID:	D3-TW-0014166-24183-N	D3-TW-0014166-24183-N-H	
		Sample Date:	2024-07-08	2024-07-08	
		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	--	--	2.00	ND
Field Test (ppb)	Free Chlorine	4000	MCL	340	30.0
Field Test (pH)	pH	--	--	7.11	7.51
Field Test (ms/cm)	Specific Conductivity	--	--	0.250	0.280
Field Test (degrees Celcius)	Temperature	--	--	25.9	37.9
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	52900	--
	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	190	--
	Lead	15	MCL	0.200	--
	Mercury	2	MCL	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--
	2-Methylnaphthalene	--	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--
	Naphthalene	--	--	ND	--

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Zone D3

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Drinking Water Samples Collected in July 2024 from Other Buildings in Zone D3

		Location ID:	D3-BLDG1864H		
		Location Type:	Medical Building		
		Address:	BLDG 1864H - Veterinary Clinic, 1864 Kuntz Ave		
		Field Sample ID:	D3-TW-0014166-24183-N	D3-TW-0014166-24183-N-H	
		Sample Date:	2024-07-08	2024-07-08	
		Sample Type:	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level		
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--
	1,3,5-Trimethylbenzene	--	--	ND	--
	Benzene	5	MCL	ND	--
	Ethylbenzene	700	MCL	ND	--
	m,p-Xylene	--	--	ND	--
	o-Xylene	--	--	ND	--
	Toluene	1000	MCL	ND	--
	Xylenes, Total	10000	MCL	ND	--
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--
	Bromoform	--	--	1.50	--
	Chloroform	--	--	ND	--
	Dibromochloromethane	--	--	0.670	--
	Total Trihalomethanes	80	MCL	2.17	--