

Summary of Chemistry Results
Zone B1
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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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

		Location ID:		B1-KAEE2855B		B1-KAEE2855C		B1-KAEE2855E		B1-KUPA2872A	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		2855B Kaeae Loop		2855C Kaeae Loop		2855E Kaeae Loop		2872A Kupalii Loop	
		Field Sample ID:		B1-TW-0017477-24092-N	B1-TW-0017477-24092-N-H	B1-TW-0017589-24092-N	B1-TW-0017589-24092-N-H	B1-TW-0017591-24092-N	B1-TW-0017591-24092-N-H	B1-TW-0016058-24092-N	B1-TW-0016058-24092-N-H
		Sample Date:		2024-07-18	2024-07-18	2024-08-14	2024-08-14	2024-08-26	2024-08-26	2024-08-16	2024-08-16
		Sample Type:		N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	35.0	10.0	11.0	ND	53.0	68.0	62.0	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	330	40.0	270	70.0	310	30.0	280	170
Field Test (pH)	pH	--	--	7.33	7.60	7.01	7.33	7.17	7.66	7.30	7.15
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.260	0.240	0.270	0.290	0.280	0.250	0.260
Field Test (degrees Celcius)	Temperature	--	--	23.9	45.5	27.8	51.6	24.7	42.7	25.8	45.7
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	1.80	0.400	0.00	0.300	0.0720	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	56700	--	60600	--	53900	--	56500	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	16.6	--	11.1	--	10.7	--	60.7	--
	Lead	15	MCL	0.230	--	ND	--	0.290	--	2.80	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	--	--	ND	--	ND	--	ND	--
	Anthracene	--	--	--	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	0.0210	--	ND	--	0.0270	--
	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	B1-KAEE2855B		B1-KAEE2855C		B1-KAEE2855E		B1-KUPA2872A													
				Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Location ID:	Location Type:
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	--	ND	--												
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	--	ND	--												
	Chrysene	--	--	--	--	ND	--	ND	--	ND	--												
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	--	ND	--												
	Fluorene	--	--	--	--	ND	--	ND	--	ND	--												
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	ND	--												
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--												
	Phenanthrene	--	--	--	--	ND	--	ND	--	ND	--												
	Pyrene	--	--	--	--	ND	--	ND	--	ND	--												
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--												
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--												
	Cumene	--	--	--	--	ND	--	ND	--	ND	--												
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--												
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	n-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--												
	n-Propylbenzene	--	--	--	--	ND	--	ND	--	ND	--												
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--												
	sec-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--												
	tert-Butylbenzene	--	--	--	--	ND	--	ND	--	ND	--												
Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--													
Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--													
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--												

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	B1-KAEE2855B		B1-KAEE2855C		B1-KAEE2855E		B1-KUPA2872A	
				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Residence 2855B Kaee Loop		Residence 2855C Kaee Loop		Residence 2855E Kaee Loop		Residence 2872A Kupalii Loop	
				B1-TW-0017477-24092-N	2024-07-18	B1-TW-0017477-24092-N-H	2024-07-18	B1-TW-0017589-24092-N	2024-08-14	B1-TW-0017589-24092-N-H	2024-08-14
				N (Normal)		N (Normal)		N (Normal)		N (Normal)	
								B1-TW-0017591-24092-N	2024-08-26	B1-TW-0017591-24092-N-H	2024-08-26
								N (Normal)		N (Normal)	
										B1-TW-0016058-24092-N	2024-08-16
										N (Normal)	
										B1-TW-0016058-24092-N-H	2024-08-16
										N (Normal)	
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	0.350	--	ND	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	ND	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.350	--	ND	--

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		Location ID:		B1-KUPA2872E		B1-KUPA2888B		B1-MAKU2885C		B1-MAKU2891B	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		2872E Kupalii Loop		2888B Kupalii Loop		2885C Makuu Loop		2891B Makuu Loop	
		Field Sample ID:		B1-TW-0017609-24092-N	B1-TW-0017609-24092-N-H	B1-TW-0017632-24092-N	B1-TW-0017632-24092-N-H	B1-TW-0017629-24092-N	B1-TW-0017629-24092-N-H	B1-TW-0017638-24092-N	B1-TW-0017638-24092-N-H
		Sample Date:		2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-09-13	2024-09-13	2024-09-12	2024-09-12
		Sample Type:		N (Normal)	N (Normal)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	--	Absent	--	Absent	--	Absent	--
	E. coli	--	--	Absent	--	Absent	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	ND	ND	ND	8.00	109	5.00	17.0
Field Test (ppb)	Free Chlorine	4000	MCL	540	170	220	50.0	300	50.0	280	150
Field Test (pH)	pH	--	--	7.38	7.51	7.24	7.23	7.06	7.48	7.25	7.24
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.250	0.270	0.280	0.300	0.270	0.290
Field Test (degrees Celcius)	Temperature	--	--	26.9	44.3	25.9	47.3	26.5	47.5	25.0	49.0
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.650	0.00	0.00	0.750	0.530	1.07	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	55900	--	55100	--	55500	--	58100	--
	Total Organic Carbon	--	--	ND	--	ND	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	ND	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	ND	--	ND	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	10.2	--	23.8	--	12.8	--	4.20	--
	Lead	15	MCL	ND	--	0.180	--	ND	--	ND	--
	Mercury	2	MCL	ND	--	ND	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	ND	--	ND	--	ND	--	ND	--
	Acenaphthylene	--	--	ND	--	ND	--	ND	--	ND	--
	Anthracene	--	--	ND	--	ND	--	ND	--	ND	--
	Benzo(a)pyrene	0.2	MCL	ND	--	ND	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	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:	
				B1-KUPA2872E	Residence	2872E Kupalii Loop	B1-TW-0017609-24092-N	2024-08-16	N (Normal)	B1-KUPA2888B	Residence	2888B Kupalii Loop	B1-TW-0017632-24092-N	2024-08-16	N (Normal)	B1-MAKU2885C	Residence	2885C Makuu Loop	B1-TW-0017629-24092-N	2024-09-13	N (Normal)	B1-MAKU2891B	Residence	2891B Makuu Loop	B1-TW-0017638-24092-N	2024-09-12	N (Normal)	
				B1-TW-0017609-24092-N	B1-TW-0017609-24092-N-H					B1-TW-0017632-24092-N	B1-TW-0017632-24092-N-H					B1-TW-0017629-24092-N	B1-TW-0017629-24092-N-H				B1-TW-0017638-24092-N	B1-TW-0017638-24092-N-H						
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Chrysene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Fluorene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Naphthalene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Phenanthrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Pyrene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Benzene	5	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Cumene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	n-Propylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	tert-Butylbenzene	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND	--	ND

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				Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date	Field Sample ID	Sample Date
				Location ID: B1-KUPA2872E		Location ID: B1-KUPA2888B		Location ID: B1-MAKU2885C		Location ID: B1-MAKU2891B	
				Location Type: Residence		Location Type: Residence		Location Type: Residence		Location Type: Residence	
				Address: 2872E Kupalii Loop		Address: 2888B Kupalii Loop		Address: 2885C Makuu Loop		Address: 2891B Makuu Loop	
				B1-TW-0017609-24092-N	B1-TW-0017609-24092-N-H	B1-TW-0017632-24092-N	B1-TW-0017632-24092-N-H	B1-TW-0017629-24092-N	B1-TW-0017629-24092-N-H	B1-TW-0017638-24092-N	B1-TW-0017638-24092-N-H
				2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-09-13	2024-09-13	2024-09-12	2024-09-12
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	ND	--	ND	--	0.380	--	0.360	--
	Chloroform	--	--	ND	--	ND	--	ND	--	ND	--
	Dibromochloromethane	--	--	ND	--	ND	--	0.250	--	ND	--
	Total Trihalomethanes	80	MCL	ND	--	ND	--	0.630	--	0.360	--

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		Location Type:		Residence					Residence		Residence
		Address:		2891D Makuu Loop					2899C Makuu Loop		2907A Makuu Loop
		Field Sample ID:	B1-TW-0000484-24092-N	B1-TW-0000484-24092-N-FQ	B1-TW-0000484-24092-N-FQ-H	B1-TW-0000484-24092-N-H	B1-TW-0000484-24092-3-N	B1-TW-0017642-24092-N	B1-TW-0017642-24092-N-H	B1-TW-0017644-24092-N	
		Sample Date:	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-07-18	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Bacterial Test (in 100 mL)	Coliform	--	--	Absent	Absent	--	--	--	Absent	--	Absent
	E. coli	--	--	Absent	Absent	--	--	--	Absent	--	Absent
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	1.00	2.00	1.00	1.00	--	3.00	ND	12.0
Field Test (ppb)	Free Chlorine	4000	MCL	290	290	170	170	--	290	270	210
Field Test (pH)	pH	--	--	7.28	7.28	7.36	7.36	--	7.08	7.11	7.31
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.240	0.270	0.270	--	0.240	0.270	0.240
Field Test (degrees Celcius)	Temperature	--	--	25.7	25.7	45.3	45.3	--	26.5	48.8	24.3
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.00	0.00	0.00	--	0.00	0.00	0.00
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	54100	--	--	--	54800	53900	--	57100
	Total Organic Carbon	--	--	ND	--	--	--	ND	ND	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	--	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	--	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	--	--	--	ND	ND	--	ND
	Petroleum Hydrocarbons, Total	--	--	ND	--	--	--	ND	ND	--	ND
Metals (ppb)	Copper	1300	MCL	17.1	--	--	--	17.3	10.1	--	10.1
	Lead	15	MCL	0.200	--	--	--	0.210	ND	--	ND
	Mercury	2	MCL	ND	--	--	--	ND	ND	--	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	--	--	--	ND	ND	--	ND
	2-Methylnaphthalene	--	--	ND	--	--	--	ND	ND	--	ND
	Acenaphthylene	--	--	ND	--	--	--	ND	ND	--	--
	Anthracene	--	--	ND	--	--	--	ND	ND	--	--
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	ND	ND	--	ND
	Benzo(b)fluoranthene	--	--	ND	--	--	--	ND	ND	--	--

Summary of Chemistry Results
Zone B1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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Parts per Million (ppm)
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§ - Exceeds Screening Level
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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

		Location ID:		B1-MAKU2891D					B1-MAKU2899C		B1-MAKU2907A
		Location Type:		Residence					Residence		Residence
		Address:		2891D Makuu Loop					2899C Makuu Loop		2907A Makuu Loop
		Field Sample ID:	B1-TW-0000484-24092-N	B1-TW-0000484-24092-N-FQ	B1-TW-0000484-24092-N-FQ-H	B1-TW-0000484-24092-N-H	B1-TW-0000484-24092-3-N	B1-TW-0017642-24092-N	B1-TW-0017642-24092-N-H	B1-TW-0017644-24092-N	
		Sample Date:	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-08-16	2024-07-18	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	ND	--	--	--	ND	ND	--	
	Benzo(k)fluoranthene	--	--	ND	--	--	--	ND	ND	--	
	Chrysene	--	--	ND	--	--	--	ND	ND	--	
	Dibenz(a,h)anthracene	--	--	ND	--	--	--	ND	ND	--	
	Fluorene	--	--	ND	--	--	--	ND	ND	--	
	Indeno(1,2,3-c,d)pyrene	--	--	ND	--	--	--	ND	ND	--	
	Naphthalene	--	--	ND	--	--	--	ND	ND	ND	
	Phenanthrene	--	--	ND	--	--	--	ND	ND	--	
	Pyrene	--	--	ND	--	--	--	ND	ND	--	
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	--	--	--	ND	ND	ND	
	1,3,5-Trimethylbenzene	--	--	ND	--	--	--	ND	ND	ND	
	Benzene	5	MCL	ND	--	--	--	ND	ND	ND	
	Cumene	--	--	ND	--	--	--	ND	ND	--	
	Ethylbenzene	700	MCL	ND	--	--	--	ND	ND	ND	
	m,p-Xylene	--	--	ND	--	--	--	ND	ND	ND	
	n-Butylbenzene	--	--	ND	--	--	--	ND	ND	--	
	n-Propylbenzene	--	--	ND	--	--	--	ND	ND	--	
	o-Xylene	--	--	ND	--	--	--	ND	ND	ND	
	sec-Butylbenzene	--	--	ND	--	--	--	ND	ND	--	
	tert-Butylbenzene	--	--	ND	--	--	--	ND	ND	--	
	Toluene	1000	MCL	ND	--	--	--	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	--	--	--	ND	ND	ND		
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	--	ND	ND	ND	

Summary of Chemistry Results

Zone B1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	B1-MAKU2891D Residence 2891D Makuu Loop					B1-MAKU2899C Residence 2899C Makuu Loop		B1-MAKU2907A Residence 2907A Makuu Loop																
				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												
				B1-TW-0000484-24092-N	2024-08-16	N (Normal)	B1-TW-0000484-24092-N-FQ	2024-08-16	N (Normal)	B1-TW-0000484-24092-N-FQ-H	2024-08-16	N (Normal)	B1-TW-0000484-24092-N-H	2024-08-16	N (Normal)	B1-TW-0000484-24092-3-N	2024-08-16	FD (Field Duplicate)	B1-TW-0017642-24092-N	2024-08-16	N (Normal)	B1-TW-0017642-24092-N-H	2024-08-16	N (Normal)	B1-TW-0017644-24092-N	2024-07-18	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	0.310	--	--	--	--	--	0.350	0.730	--	0.410														
	Chloroform	--	--	ND	--	--	--	--	--	ND	ND	--	ND														
	Dibromochloromethane	--	--	ND	--	--	--	--	--	ND	0.520	--	ND														
	Total Trihalomethanes	80	MCL	0.310	--	--	--	--	--	0.350	1.25	--	0.410														

Summary of Chemistry Results
Zone B1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-MCGR0371			B1-MCGR0400			B1-MCGR0628	
				Location Type:	Residence		Residence			Residence		
				Address:	371 McGrew Loop		400 McGrew Loop			628 McGrew Loop		
				Field Sample ID:	B1-TW-0017644-24092-N-H	B1-TW-0010516-24092-N	B1-TW-0010516-24092-N-H	B1-TW-0010523-24092-N	B1-TW-0010523-24092-N-H	B1-TW-0010523-24092-3-N	B1-TW-0010523-24092-3-N-H	B1-TW-0009398-24092-N
				Sample Date:	2024-07-18	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
	E. coli	--	--	--	Absent	--	Absent	--	Absent	--	Absent	
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	ND	6.00	33.0	5.00	ND	4.00	ND	ND	
Field Test (ppb)	Free Chlorine	4000	MCL	80.0	390	270	480	420	--	--	290	
Field Test (pH)	pH	--	--	7.49	7.11	7.11	7.21	7.27	--	--	7.27	
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.250	0.260	0.250	0.260	--	--	0.250	
Field Test (degrees Celcius)	Temperature	--	--	49.4	25.0	44.2	23.5	37.3	--	--	26.8	
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.260	2.94	2.49	0.00	--	--	0.00300	
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	61300	--	61100	--	59900	--	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	--	113	--	47.9	--	61.9	--	87.3	
	Lead	15	MCL	--	0.230	--	0.200	--	0.150	--	ND	
	Mercury	2	MCL	--	ND	--	ND	--	ND	--	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	2-Methylnaphthalene	--	--	--	ND	--	ND	--	ND	--	ND	
	Acenaphthylene	--	--	--	ND	--	ND	--	ND	--	ND	
	Anthracene	--	--	--	ND	--	ND	--	ND	--	ND	
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--	0.0150	--	ND	
	Benzo(b)fluoranthene	--	--	--	ND	--	ND	--	ND	--	ND	

Summary of Chemistry Results

Zone B1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-MCGR0371		B1-MCGR0400				B1-MCGR0628	
				Location Type:	Residence		Residence				Residence	
				Address:	371 McGrew Loop		400 McGrew Loop				628 McGrew Loop	
				Field Sample ID:	B1-TW-0017644-24092-N-H	B1-TW-0010516-24092-N	B1-TW-0010516-24092-N-H	B1-TW-0010523-24092-N	B1-TW-0010523-24092-N-H	B1-TW-0010523-24092-3-N	B1-TW-0010523-24092-3-N-H	B1-TW-0009398-24092-N
				Sample Date:	2024-07-18	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-16
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Chrysene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Dibenz(a,h)anthracene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Fluorene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Naphthalene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Phenanthrene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Pyrene	--	--	--	ND	--	--	ND	--	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Benzene	5	MCL	--	ND	--	--	ND	--	ND	--	ND
	Cumene	--	--	--	ND	--	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND
	n-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
	n-Propylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	--	ND	--	ND	--	ND
	sec-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	--	--	ND	--	ND	--	ND
Toluene	1000	MCL	--	ND	--	--	ND	--	ND	--	ND	
Xylenes, Total	10000	MCL	--	ND	--	--	ND	--	ND	--	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	--	ND	--	ND	--	ND

Summary of Chemistry Results
Zone B1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-MCGR0371		B1-MCGR0400				B1-MCGR0628
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Field Sample ID:	Sample Date:	Sample Type:
				B1-MAKU2907A Residence 2907A Makuu Loop	B1-MCGR0371 Residence 371 McGrew Loop		B1-MCGR0400 Residence 400 McGrew Loop				B1-MCGR0628 Residence 628 McGrew Loop
				B1-TW-0017644-24092-N-H	B1-TW-0010516-24092-N	B1-TW-0010516-24092-N-H	B1-TW-0010523-24092-N	B1-TW-0010523-24092-N-H	B1-TW-0010523-24092-3-N	B1-TW-0010523-24092-3-N-H	B1-TW-0009398-24092-N
				2024-07-18	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-14	2024-08-16
				N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone B1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

		Location ID:	B1-MCGR0628	B1-MCGR0635		B1-MCGR0657		B1-MCGR0730		B1-MCGR0777	
		Location Type:	Residence	Residence		Residence		Residence		Residence	
		Address:	628 McGrew Loop	635 McGrew Loop		657 McGrew Loop		730 McGrew Loop		777 McGrew Loop	
		Field Sample ID:	B1-TW-0009398-24092-N-H	B1-TW-0009400-24092-N	B1-TW-0009400-24092-N-H	B1-TW-0009404-24092-N	B1-TW-0009404-24092-N-H	B1-TW-0009414-24092-N	B1-TW-0009414-24092-N-H	B1-TW-0009419-24092-N	
		Sample Date:	2024-08-16	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18	
		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	--	--	3.00	ND	ND	ND	ND	ND	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	180	490	270	530	380	530	300	530
Field Test (pH)	pH	--	--	7.32	7.26	7.43	7.32	7.42	7.18	7.33	7.26
Field Test (ms/cm)	Specific Conductivity	--	--	0.260	0.260	0.270	0.250	0.270	0.250	0.270	0.250
Field Test (degrees Celcius)	Temperature	--	--	43.4	24.5	39.5	23.8	37.6	24.3	40.7	24.4
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.520	0.550	0.380	0.270	0.810	0.650	0.380
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57000	--	55200	--	56400	--	57800
	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	--	49.9	--	22.5	--	36.4	--	111
	Lead	15	MCL	--	0.440	--	ND	--	0.190	--	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 B1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-MCGR0635		B1-MCGR0657		B1-MCGR0730		B1-MCGR0777
				Location Type:	Residence		Residence		Residence		Residence
				Address:	635 McGrew Loop		657 McGrew Loop		730 McGrew Loop		777 McGrew Loop
				Field Sample ID:	B1-TW-0009400-24092-N	B1-TW-0009400-24092-N	B1-TW-0009400-24092-N	B1-TW-0009400-24092-N	B1-TW-0009414-24092-N	B1-TW-0009414-24092-N	B1-TW-0009419-24092-N
				Sample Date:	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18	2024-07-18
				Sample Type:	N (Normal)						
Volatile Organic Compounds (ppb)	Benzene	5	MCL	--	ND	--	ND	--	ND	--	ND
	Ethylbenzene	700	MCL	--	ND	--	ND	--	ND	--	ND
	m,p-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	o-Xylene	--	--	--	ND	--	ND	--	ND	--	ND
	Toluene	1000	MCL	--	ND	--	ND	--	ND	--	ND
	Xylenes, Total	10000	MCL	--	ND	--	ND	--	ND	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Bromoform	--	--	--	ND	--	ND	--	ND	--	ND
	Chloroform	--	--	--	ND	--	ND	--	ND	--	ND
	Dibromochloromethane	--	--	--	ND	--	ND	--	ND	--	ND
	Total Trihalomethanes	80	MCL	--	ND	--	ND	--	ND	--	ND

Summary of Chemistry Results

Zone B1

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

Notes:
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All Results shown in Parts per Billion (ppb), with the exception of Field and Bacterial Test results
Parts per Million (ppm)
Parts per Thousand (ppth)
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MPN/mL = Most probable number per milliliter

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-OLIA2915B		B1-OLIA2927C	
				Location Type:	Residence	Residence	Residence	
				Address:	2915B Oliana Loop		2927C Oliana Loop	
				Field Sample ID:	B1-TW-0017567-24092-N	B1-TW-0017567-24092-N-H	B1-TW-0017577-24092-N	B1-TW-0017577-24092-N-H
				Sample Date:	2024-09-12	2024-09-12	2024-07-18	2024-07-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Bacterial Test (in 100 mL)	Coliform	--	--	--	Absent	--	Absent	--
	E. coli	--	--	--	Absent	--	Absent	--
Bacterial Test (MPN/mL)	Heterotrophic Plate Count	--	--	2.00	14.0	244	ND	ND
Field Test (ppb)	Free Chlorine	4000	MCL	350	100	130	230	40.0
Field Test (pH)	pH	--	--	7.39	7.30	7.76	7.26	7.42
Field Test (ms/cm)	Specific Conductivity	--	--	0.270	0.270	0.290	0.240	0.260
Field Test (degrees Celcius)	Temperature	--	--	40.2	25.7	37.1	26.5	43.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.250	0.240	0.220	0.390	0.0560
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	--	57200	--	56400	--
	Total Organic Carbon	--	--	--	ND	--	ND	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Gasoline)	--	--	--	ND	--	ND	--
	Petroleum Hydrocarbons (as Oil)	--	--	--	ND	--	ND	--
	Petroleum Hydrocarbons, Total	--	--	--	ND	--	ND	--
Metals (ppb)	Copper	1300	MCL	--	31.0	--	10.5	--
	Lead	15	MCL	--	0.930	--	ND	--
	Mercury	2	MCL	--	ND	--	ND	--
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	--	ND	--	ND	--
	2-Methylnaphthalene	--	--	--	ND	--	ND	--
	Acenaphthylene	--	--	--	ND	--	--	--
	Anthracene	--	--	--	ND	--	--	--
	Benzo(a)pyrene	0.2	MCL	--	ND	--	ND	--
	Benzo(b)fluoranthene	--	--	--	ND	--	--	--

Summary of Chemistry Results

Zone B1

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

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Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-OLIA2915B		B1-OLIA2927C	
				Location Type:	Residence	Residence	Residence	Residence
				Address:	2915B Oliana Loop		2927C Oliana Loop	
				Field Sample ID:	B1-TW-0017567-24092-N	B1-TW-0017567-24092-N-H	B1-TW-0017577-24092-N	B1-TW-0017577-24092-N-H
				Sample Date:	2024-09-12	2024-09-12	2024-07-18	2024-07-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Synthetic Organic Compounds (ppb)	Benzo(g,h,i)perylene	--	--	--	ND	--	--	--
	Benzo(k)fluoranthene	--	--	--	ND	--	--	--
	Chrysene	--	--	--	ND	--	--	--
	Dibenz(a,h)anthracene	--	--	--	ND	--	--	--
	Fluorene	--	--	--	ND	--	--	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	--	--	--
	Naphthalene	--	--	--	ND	--	ND	--
	Phenanthrene	--	--	--	ND	--	--	--
	Pyrene	--	--	--	ND	--	--	--
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	--	ND	--	ND	--
	1,3,5-Trimethylbenzene	--	--	--	ND	--	ND	--
	Benzene	5	MCL	--	ND	--	ND	--
	Cumene	--	--	--	ND	--	--	--
	Ethylbenzene	700	MCL	--	ND	--	ND	--
	m,p-Xylene	--	--	--	ND	--	ND	--
	n-Butylbenzene	--	--	--	ND	--	--	--
	n-Propylbenzene	--	--	--	ND	--	--	--
	o-Xylene	--	--	--	ND	--	ND	--
	sec-Butylbenzene	--	--	--	ND	--	--	--
	tert-Butylbenzene	--	--	--	ND	--	--	--
	Toluene	1000	MCL	--	ND	--	ND	--
Xylenes, Total	10000	MCL	--	ND	--	ND	--	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	--	ND	--	ND	--

Summary of Chemistry Results

Zone B1

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

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

Drinking Water Samples Collected in July 2024 - September 2024 from Residences in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	B1-OLIA2915B		B1-OLIA2927C		
				B1-MCGR0777	Residence		Residence		
				777 McGrew Loop	2915B Oliana Loop		2927C Oliana Loop		
				Field Sample ID:	B1-TW-0009419-24092-N-H	B1-TW-0017567-24092-N	B1-TW-0017567-24092-N-H	B1-TW-0017577-24092-N	B1-TW-0017577-24092-N-H
				Sample Date:	2024-07-18	2024-09-12	2024-09-12	2024-07-18	2024-07-18
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Trihalomethanes (ppb)	Bromoform	--	--	--	0.390	--	ND	--	
	Chloroform	--	--	--	ND	--	ND	--	
	Dibromochloromethane	--	--	--	ND	--	ND	--	
	Total Trihalomethanes	80	MCL	--	0.390	--	ND	--	

Summary of Chemistry Results
Zone B1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Parts per Million (ppm)
Parts per Thousand (ppth)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample
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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone B1

		Location ID: B1-HYD0006			Location ID: B1-HYD541			
		Location Type: Hydrant			Location Type: Hydrant			
		Address: FH 6 (B1-HYD545)			Address: FH ID: 8			
		Field Sample ID: B1-DL-0017728-24183	Field Sample ID: B1-DL-0017728-24214	Field Sample ID: B1-DL-0017728-24245	Field Sample ID: B1-DL-0000512-24183	Field Sample ID: B1-DL-0000512-24183	Field Sample ID: B1-DL-0000512-24214	Field Sample ID: B1-DL-0000512-24245
		-N	-N	-N	-N	-3-N	-N	-N
		Sample Date: 2024-07-18	Sample Date: 2024-08-14	Sample Date: 2024-09-12	Sample Date: 2024-07-18	Sample Date: 2024-07-18	Sample Date: 2024-08-14	Sample Date: 2024-09-12
		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
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	183	8.00	ND	1.00
Field Test (ppb)	Free Chlorine	4000	MCL	490	470	480	500	560
Field Test (pH)	pH	--	--	7.30	7.30	7.22	7.25	7.21
Field Test (ms/cm)	Specific Conductivity	--	--	0.240	0.250	0.270	0.240	0.250
Field Test (degrees Celcius)	Temperature	--	--	25.1	26.5	28.0	24.4	27.8
Field Test (nephelometric turbidity unit)	Turbidity	5	MCL	0.00	0.670	1.86	0.170	0.910
General Chemistry (ppb)	Alkalinity, Total (as CaCO3)	--	--	57000	58900	57000	58700	56900
	Total Organic Carbon	--	--	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	--	--	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	--	--	ND	ND	ND	ND	ND
	2-Methylnaphthalene	--	--	ND	ND	ND	ND	ND
	Acenaphthylene	--	--	--	ND	ND	--	ND
	Anthracene	--	--	--	ND	ND	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	0.0120	ND	ND	ND
	Benzo(b)fluoranthene	--	--	--	ND	ND	--	ND
	Benzo(g,h,i)perylene	--	--	--	ND	ND	--	ND
	Benzo(k)fluoranthene	--	--	--	ND	ND	--	ND
Chrysene	--	--	--	ND	ND	--	ND	

Summary of Chemistry Results
Zone B1
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone B1

		Location ID: B1-HYD0006			Location ID: B1-HYD541			
		Location Type: Hydrant			Location Type: Hydrant			
		Address: FH 6 (B1-HYD545)			Address: FH ID: 8			
		Field Sample ID: B1-DL-0017728-24183	Field Sample ID: B1-DL-0017728-24214	Field Sample ID: B1-DL-0017728-24245	Field Sample ID: B1-DL-0000512-24183	Field Sample ID: B1-DL-0000512-24183	Field Sample ID: B1-DL-0000512-24214	Field Sample ID: B1-DL-0000512-24245
		-N	-N	-N	-N	-3-N	-N	-N
		Sample Date: 2024-07-18	Sample Date: 2024-08-14	Sample Date: 2024-09-12	Sample Date: 2024-07-18	Sample Date: 2024-07-18	Sample Date: 2024-08-14	Sample Date: 2024-09-12
		Sample Type: N (Normal)	Sample Type: FD (Field Duplicate)	Sample Type: N (Normal)	Sample Type: N (Normal)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Synthetic Organic Compounds (ppb)	Dibenz(a,h)anthracene	--	--	--	ND	ND	--	ND
	Fluorene	--	--	--	ND	ND	--	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	--	ND
	Naphthalene	--	--	ND	ND	ND	ND	ND
	Phenanthrene	--	--	--	ND	ND	--	ND
	Pyrene	--	--	--	ND	ND	--	ND
Volatile Organic Compounds (ppb)	1,2,4-Trimethylbenzene	--	--	ND	ND	ND	ND	ND
	1,2-Dibromoethane (EDB)	--	--	--	--	ND	--	ND
	1,3,5-Trimethylbenzene	--	--	ND	ND	ND	ND	ND
	2-(2-Methoxy ethoxy)ethanol	--	--	--	--	ND	--	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Cumene	--	--	--	ND	ND	--	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND
	n-Butylbenzene	--	--	--	ND	ND	--	ND
	n-Propylbenzene	--	--	--	ND	ND	--	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND
	sec-Butylbenzene	--	--	--	ND	ND	--	ND
	tert-Butylbenzene	--	--	--	ND	ND	--	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND

Summary of Chemistry Results

Zone B1

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Drinking Water Samples Collected in July 2024 - September 2024 from Hydrants in Zone B1

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	B1-HYD0006			B1-HYD541																		
				Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type	Field Sample ID	Sample Date	Sample Type													
				Location ID: B1-HYD0006 Location Type: Hydrant Address: FH 6 (B1-HYD545)			Location ID: B1-HYD541 Location Type: Hydrant Address: FH ID: 8																		
				B1-DL-0017728-24183 -N	2024-07-18	N (Normal)	B1-DL-0017728-24214 -N	2024-08-14	N (Normal)	B1-DL-0017728-24245 -N	2024-09-12	N (Normal)	B1-DL-0000512-24183 -N	2024-07-18	N (Normal)	B1-DL-0000512-24183 -3-N	2024-07-18	FD (Field Duplicate)	B1-DL-0000512-24214 -N	2024-08-14	N (Normal)	B1-DL-0000512-24245 -N	2024-09-12	N (Normal)	
Trihalomethanes (ppb)	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND