

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

				Location ID:	H1-ALBI3520	H1-ALBI3527	H1-ALBI3534	H1-ALIA0962	H1-AMA 3210	H1-AMA 3229	H1-AMA 3339	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	3520 Albizia Lane	3527 Albizia Lane	3534 Albizia Lane	962 Aliamanu Drive	3210 Ama Drive	3229 Ama Drive	3339 Ama Drive	
				Field Sample ID:	H1-TW-0013157-23147-A	H1-TW-0013161-23147-A	H1-TW-0013166-23147-A	H1-TW-0013177-23147-A	H1-TW-0013179-23147-A	H1-TW-0013187-23147-A	H1-TW-0013190-23147-A	H1-TW-0013190-23147-3-A
				Sample Date:	2023-09-15	2023-10-11	2023-07-20	2023-09-15	2023-09-25	2023-07-20	2023-09-15	2023-09-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level									
Field Test (ppb)	Free Chlorine	4000	MCL	740	630	730	510	670	720	590	590	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	85.0	ND	93.3	93.9	56.7	ND	113	121	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	56.2	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	141	ND	93.3	93.9	56.7	ND	113	121	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.50	1.50	1.70	1.40	1.60	1.70	1.40	1.40	1.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.10	ND	1.20	1.20	1.40	1.30	1.10	1.20	
	Copper	1300	MCL	9.70	18.8	17.4	6.40	11.4	14.2	3.90	3.80	
	Lead	15	MCL	0.510	0.590	0.750	0.490	0.450	0.940	0.360	0.290	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.40	1.70	2.00	3.20	2.00	1.90	2.80	3.00	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.110	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	0.460	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND

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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-ALBI3520	H1-ALBI3527	H1-ALBI3534	H1-ALIA0962	H1-AMA 3210	H1-AMA 3229	H1-AMA 3339	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	3520 Albizia Lane	3527 Albizia Lane	3534 Albizia Lane	962 Aliamanu Drive	3210 Ama Drive	3229 Ama Drive	3339 Ama Drive	
				Field Sample ID:	H1-TW-0013157-23147-A	H1-TW-0013161-23147-A	H1-TW-0013166-23147-A	H1-TW-0013177-23147-A	H1-TW-0013179-23147-A	H1-TW-0013187-23147-A	H1-TW-0013190-23147-A	H1-TW-0013190-23147-3-A
				Sample Date:	2023-09-15	2023-10-11	2023-07-20	2023-09-15	2023-09-25	2023-07-20	2023-09-15	2023-09-15
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3520 Albizia Lane	3527 Albizia Lane	3534 Albizia Lane	962 Aliamanu Drive	3210 Ama Drive	3229 Ama Drive	3339 Ama Drive	
		Field Sample ID:	H1-TW-0013157-23147-A	H1-TW-0013161-23147-A	H1-TW-0013166-23147-A	H1-TW-0013177-23147-A	H1-TW-0013179-23147-A	H1-TW-0013187-23147-A	H1-TW-0013190-23147-A	H1-TW-0013190-23147-3-A
		Sample Date:	2023-09-15	2023-10-11	2023-07-20	2023-09-15	2023-09-25	2023-07-20	2023-09-15	2023-09-15
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.250	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	0.250	ND	ND	ND	ND	ND

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		Location ID:	H1-AMA 3341	H1-AMAP3719	H1-AMAP3725	H1-AMAP3749	H1-AMAP3751	H1-BAMB3610	H1-BAMB3643	H1-BAUH2714	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3341 Ama Drive	3719 Amapa Lane	3725 Amapa Lane	3749 Amapa Lane	3751 Amapa Lane	3610 Bamboo Lane	3643 Bamboo Lane	2714 Bauhina Lane	
		Field Sample ID:	H1-TW-0013191-23147-A	H1-TW-0013211-23147-A	H1-TW-0013215-23147-A	H1-TW-0013225-23147-A	H1-TW-0013227-23147-A	H1-TW-0013238-23147-A	H1-TW-0013255-23147-A	H1-TW-0013262-23147-A	
		Sample Date:	2023-10-26	2023-09-25	2023-09-25	2023-07-20	2023-07-20	2023-10-10	2023-08-21	2023-07-20	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	510	480	640	230	440	1010	710	710
Field Test (ppb)	Free Chlorine	4000	MCL	510	480	640	230	440	1010	710	710
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	90.1	53.1	55.9	ND	84.4	52.6	56.5	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	55.0	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	90.1	53.1	111	ND	84.4	52.6	56.5	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	0.500
	Barium	2000	MCL	1.40	1.70	1.60	1.80	1.80	1.60	1.50	1.60
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.950	1.40	1.30	1.30	1.10	0.560	1.10	1.40
	Copper	1300	MCL	6.40	13.8	13.9	20.3	12.4	8.70	10.1	20.9
	Lead	15	MCL	0.140	0.530	0.960	0.990	0.680	3.00	0.510	ND
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.60	1.80	1.60	2.00	1.90	1.50	1.20	1.90
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	2.70	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3341 Ama Drive	3719 Amapa Lane	3725 Amapa Lane	3749 Amapa Lane	3751 Amapa Lane	3610 Bamboo Lane	3643 Bamboo Lane	2714 Bauhina Lane
		Field Sample ID:	H1-TW-0013191-23147-A	H1-TW-0013211-23147-A	H1-TW-0013215-23147-A	H1-TW-0013225-23147-A	H1-TW-0013227-23147-A	H1-TW-0013238-23147-A	H1-TW-0013255-23147-A	H1-TW-0013262-23147-A
		Sample Date:	2023-10-26	2023-09-25	2023-09-25	2023-07-20	2023-07-20	2023-10-10	2023-08-21	2023-07-20
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	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
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

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		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
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		Sample Date:	2023-10-26	2023-09-25	2023-09-25	2023-07-20	2023-07-20	2023-10-10	2023-08-21	2023-07-20
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.290	ND	ND	0.370
	Bromoform	--	--	ND	ND	ND	0.950	ND	0.290	1.40
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.780	0.270	0.300	1.10
	Total Trihalomethanes	80	MCL	ND	ND	ND	2.02	0.270	0.590	ND

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		Location ID:	H1-BAUH2718	H1-BEGO4168	H1-BEGO4196	H1-BOUG0156	H1-BOUG0239	H1-BOUG0255	H1-BOUG0257	H1-BOUG0262	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	2718 Bauhina Lane	4168 Begonia Loop	4196 Begonia Loop	156 Bougainvillea Loop	239 Bougainvillea Loop	255 Bougainvillea Loop	257 Bougainvillea Loop	262 Bougainvillea Loop	
		Field Sample ID:	H1-TW-0013263-23147-A	H1-TW-0013281-23147-A	H1-TW-0013294-23147-A	H1-TW-0013297-23147-A	H1-TW-0013302-23147-A	H1-TW-0013304-23147-A	H1-TW-0013305-23147-A	H1-TW-0013306-23147-A	
		Sample Date:	2023-07-20	2023-09-25	2023-07-20	2023-09-13	2023-09-25	2023-10-10	2023-09-15	2023-09-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	690	560	160	200	240	790	560	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	84.4	ND	90.5	53.4	62.1	72.1	115	57.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	84.4	ND	90.5	53.4	62.1	72.1	115	57.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	0.650	ND	ND	ND	ND
	Barium	2000	MCL	1.70	1.60	1.60	1.50	1.40	1.40	1.50	1.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.50	1.30	0.720	1.40	0.740	1.10	1.10
	Copper	1300	MCL	15.1	22.9	27.3	8.50	8.50	38.3	15.3	12.8
	Lead	15	MCL	0.310	1.00	0.600	0.550	0.450	7.40	0.880	1.00
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	2.20	1.90	3.30	2.20	1.30	1.60	1.40
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.100	ND	ND	ND	0.0170
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	1.10	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-BAUH2718	H1-BEGO4168	H1-BEGO4196	H1-BOUG0156	H1-BOUG0239	H1-BOUG0255	H1-BOUG0257	H1-BOUG0262
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2718 Bauhina Lane	4168 Begonia Loop	4196 Begonia Loop	156 Bougainvillea Loop	239 Bougainvillea Loop	255 Bougainvillea Loop	257 Bougainvillea Loop	262 Bougainvillea Loop
				Field Sample ID:	H1-TW-0013263-23147-A	H1-TW-0013281-23147-A	H1-TW-0013294-23147-A	H1-TW-0013297-23147-A	H1-TW-0013302-23147-A	H1-TW-0013304-23147-A	H1-TW-0013305-23147-A	H1-TW-0013306-23147-A
				Sample Date:	2023-07-20	2023-09-25	2023-07-20	2023-09-13	2023-09-25	2023-10-10	2023-09-15	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

		Location ID:	H1-BAUH2718	H1-BEGO4168	H1-BEGO4196	H1-BOUG0156	H1-BOUG0239	H1-BOUG0255	H1-BOUG0257	H1-BOUG0262
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2718 Bauhina Lane	4168 Begonia Loop	4196 Begonia Loop	156 Bougainvillea Loop	239 Bougainvillea Loop	255 Bougainvillea Loop	257 Bougainvillea Loop	262 Bougainvillea Loop
		Field Sample ID:	H1-TW-0013263-23147-A	H1-TW-0013281-23147-A	H1-TW-0013294-23147-A	H1-TW-0013297-23147-A	H1-TW-0013302-23147-A	H1-TW-0013304-23147-A	H1-TW-0013305-23147-A	H1-TW-0013306-23147-A
		Sample Date:	2023-07-20	2023-09-25	2023-07-20	2023-09-13	2023-09-25	2023-10-10	2023-09-15	2023-09-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.550	0.280	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.360	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.910	0.280	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-BOUG0282		H1-BOUG0301	H1-BOUG0495	H1-BOUG0498	H1-BOUG0580	H1-BOUG0643	
				H1-BOUG0262	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	282 Bougainvillea Loop		301 Bougainvillea Loop	495 Bougainvillea Loop	498 Bougainvillea Loop	580 Bougainvillea Loop	643 Bougainvillea Loop	
				Field Sample ID:	H1-TW-0013306-23147-3-A	H1-TW-0013308-23147-A	H1-TW-0013308-23147-3-A	H1-TW-0013310-23147-A	H1-TW-0013325-23147-A	H1-TW-0013327-23147-A	H1-TW-0013334-23147-A	H1-TW-0013339-23147-A
				Sample Date:	2023-09-26	2023-07-20	2023-07-20	2023-09-15	2023-09-15	2023-09-15	2023-10-11	2023-08-21
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	620	800	800	670	680	590	570	670	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	63.1	ND	51.3	113	111	70.8	ND	72.5	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	63.1	ND	51.3	113	111	70.8	ND	72.5	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.40	1.50	1.60	1.40	1.50	1.40	1.60	1.40	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.10	1.20	1.20	0.900	1.10	1.10	ND	1.10	
	Copper	1300	MCL	13.4	11.8	11.1	8.40	15.6	8.70	25.3	9.10	
	Lead	15	MCL	0.800	0.470	0.440	0.270	0.590	0.150	1.00	0.860	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.40	1.80	1.90	1.50	1.70	1.80	1.40	1.10	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
ND = Not Detected
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-- = No Information Available
N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-BOUG0282		H1-BOUG0301	H1-BOUG0495	H1-BOUG0498	H1-BOUG0580	H1-BOUG0643	
				H1-BOUG0262	Residence		Residence	Residence	Residence	Residence	Residence	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	282 Bougainvillea Loop		301 Bougainvillea Loop	495 Bougainvillea Loop	498 Bougainvillea Loop	580 Bougainvillea Loop	643 Bougainvillea Loop	
				Field Sample ID:	H1-TW-0013306-23147-3-A	H1-TW-0013308-23147-A	H1-TW-0013308-23147-3-A	H1-TW-0013310-23147-A	H1-TW-0013325-23147-A	H1-TW-0013327-23147-A	H1-TW-0013334-23147-A	H1-TW-0013339-23147-A
				Sample Date:	2023-09-26	2023-07-20	2023-07-20	2023-09-15	2023-09-15	2023-09-15	2023-10-11	2023-08-21
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-BOUG0282		H1-BOUG0301	H1-BOUG0495	H1-BOUG0498	H1-BOUG0580	H1-BOUG0643	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	282 Bougainvillea Loop		301 Bougainvillea Loop	495 Bougainvillea Loop	498 Bougainvillea Loop	580 Bougainvillea Loop	643 Bougainvillea Loop	
				Field Sample ID:	H1-TW-0013306-23147-3-A	H1-TW-0013308-23147-A	H1-TW-0013308-23147-3-A	H1-TW-0013310-23147-A	H1-TW-0013325-23147-A	H1-TW-0013327-23147-A	H1-TW-0013334-23147-A	H1-TW-0013339-23147-A
				Sample Date:	2023-09-26	2023-07-20	2023-07-20	2023-09-15	2023-09-15	2023-09-15	2023-10-11	2023-08-21
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	0.430	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	2.40	ND	ND	ND	ND	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	1.60	ND	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	4.43	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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All Results shown in Parts per Billion (ppb)
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N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
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		Location ID:	H1-BOUG0643	H1-CALA3043	H1-CALA3056	H1-CALA3062	H1-CALA3074	H1-CALA3087	H1-CALA3114	H1-CALA3138	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	643 Bougainvillea Loop	3043 Calamondin Way	3056 Calamondin Way	3062 Calamondin Way	3074 Calamondin Way	3087 Calamondin Way	3114 Calamondin Way	3138 Calamondin Way	
		Field Sample ID:	H1-TW-0013339-23147-3-A	H1-TW-0013350-23147-A	H1-TW-0013357-23147-A	H1-TW-0013359-23147-A	H1-TW-0012674-23147-A	H1-TW-0012681-23147-A	H1-TW-0012693-23147-A	H1-TW-0012702-23147-A	
		Sample Date:	2023-08-21	2023-09-25	2023-09-15	2023-09-15	2023-08-21	2023-07-20	2023-08-21	2023-09-13	
		Sample Type:	FD (Field Duplicate)	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								
Field Test (ppb)	Free Chlorine	4000	MCL	670	670	660	710	680	820	370	470
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	67.0	74.9	99.5	72.1	62.7	ND	ND	79.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	67.0	74.9	99.5	72.1	62.7	ND	ND	79.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	0.520
	Barium	2000	MCL	1.40	1.40	1.40	1.40	1.50	1.40	1.50	1.50
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.950	1.40	1.10	1.10	1.10	1.30	0.980	0.800
	Copper	1300	MCL	10.2	9.80	14.6	14.2	14.6	10.7	3.10	38.2
	Lead	15	MCL	1.10	0.370	0.520	0.240	0.290	0.500	0.320	0.270
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.30	2.20	1.50	2.80	1.10	1.90	1.10	3.00
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	0.450	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - Exceeds Screening Level
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-BOUG0643	H1-CALA3043	H1-CALA3056	H1-CALA3062	H1-CALA3074	H1-CALA3087	H1-CALA3114	H1-CALA3138
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	643 Bougainvillea Loop	3043 Calamondin Way	3056 Calamondin Way	3062 Calamondin Way	3074 Calamondin Way	3087 Calamondin Way	3114 Calamondin Way	3138 Calamondin Way
				Field Sample ID:	H1-TW-0013339-23147-3-A	H1-TW-0013350-23147-A	H1-TW-0013357-23147-A	H1-TW-0013359-23147-A	H1-TW-0012674-23147-A	H1-TW-0012681-23147-A	H1-TW-0012693-23147-A	H1-TW-0012702-23147-A
				Sample Date:	2023-08-21	2023-09-25	2023-09-15	2023-09-15	2023-08-21	2023-07-20	2023-08-21	2023-09-13
				Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-BOUG0643	H1-CALA3043	H1-CALA3056	H1-CALA3062	H1-CALA3074	H1-CALA3087	H1-CALA3114	H1-CALA3138
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	643 Bougainvillea Loop	3043 Calamondin Way	3056 Calamondin Way	3062 Calamondin Way	3074 Calamondin Way	3087 Calamondin Way	3114 Calamondin Way	3138 Calamondin Way
		Field Sample ID:	H1-TW-0013339-23147-3-A	H1-TW-0013350-23147-A	H1-TW-0013357-23147-A	H1-TW-0013359-23147-A	H1-TW-0012674-23147-A	H1-TW-0012681-23147-A	H1-TW-0012693-23147-A	H1-TW-0012702-23147-A
		Sample Date:	2023-08-21	2023-09-25	2023-09-15	2023-09-15	2023-08-21	2023-07-20	2023-08-21	2023-09-13
		Sample Type:	FD (Field Duplicate)	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							
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	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 H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-CALA3158	H1-CENT2224	H1-CENT2232	H1-CENT2238	H1-CENT2251	H1-CENT2274	H1-CENT2289	H1-CENT2295	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	3158 Calamondin Way	2224 Center Street	2232 Center Street	2238 Center Street	2251 Center Street	2274 Center Street	2289 Center Street	2295 Center Street	
		Field Sample ID:	H1-TW-0012704-23147-A	H1-TW-0012723-23147-A	H1-TW-0012728-23147-A	H1-TW-0012732-23147-A	H1-TW-0012739-23147-A	H1-TW-0012750-23147-A	H1-TW-0012758-23147-A	H1-TW-0012761-23147-A	
		Sample Date:	2023-10-10	2023-09-25	2023-09-25	2023-08-21	2023-10-16	2023-08-21	2023-09-25	2023-09-25	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	840	550	550	710	720	600	610	570
Field Test (ppb)	Free Chlorine	4000	MCL	840	550	550	710	720	600	610	570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	58.4	59.3	72.4	82.8	60.4	83.0	53.3
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	58.4	59.3	72.4	82.8	60.4	83.0	53.3
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.40	1.70	1.70	1.50	1.60	1.60	1.70	1.70
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.540	1.30	1.10	0.980	0.880	0.980	1.30	1.40
	Copper	1300	MCL	10.3	7.90	18.4	9.00	9.00	10.4	14.8	11.5
	Lead	15	MCL	0.860	0.230	0.190	0.240	0.200	0.210	0.270	0.200
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.30	1.60	1.50	1.20	1.80	1.10	1.90	2.10
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.0580	ND	ND	ND	0.0510	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-CALA3158	H1-CENT2224	H1-CENT2232	H1-CENT2238	H1-CENT2251	H1-CENT2274	H1-CENT2289	H1-CENT2295
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3158 Calamondin Way	2224 Center Street	2232 Center Street	2238 Center Street	2251 Center Street	2274 Center Street	2289 Center Street	2295 Center Street
		Field Sample ID:	H1-TW-0012704-23147-A	H1-TW-0012723-23147-A	H1-TW-0012728-23147-A	H1-TW-0012732-23147-A	H1-TW-0012739-23147-A	H1-TW-0012750-23147-A	H1-TW-0012758-23147-A	H1-TW-0012761-23147-A
		Sample Date:	2023-10-10	2023-09-25	2023-09-25	2023-08-21	2023-10-16	2023-08-21	2023-09-25	2023-09-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	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
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	1.20	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-CALA3158	H1-CENT2224	H1-CENT2232	H1-CENT2238	H1-CENT2251	H1-CENT2274	H1-CENT2289	H1-CENT2295
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	3158 Calamondin Way	2224 Center Street	2232 Center Street	2238 Center Street	2251 Center Street	2274 Center Street	2289 Center Street	2295 Center Street
		Field Sample ID:	H1-TW-0012704-23147-A	H1-TW-0012723-23147-A	H1-TW-0012728-23147-A	H1-TW-0012732-23147-A	H1-TW-0012739-23147-A	H1-TW-0012750-23147-A	H1-TW-0012758-23147-A	H1-TW-0012761-23147-A
		Sample Date:	2023-10-10	2023-09-25	2023-09-25	2023-08-21	2023-10-16	2023-08-21	2023-09-25	2023-09-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	1.20	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	0.310	0.380	ND	0.480	1.30	0.340
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	0.310	0.310	ND	0.480	0.820	0.280
	Total Trihalomethanes	80	MCL	ND	0.620	0.690	ND	0.960	2.12	0.620

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	H1-CENT2295	H1-CIGA6209		H1-CROT4221	H1-CROT4288	H1-CROT4312	H1-DURI4635	H1-FLAM2531	
		Location Type:	Residence	Residence		Residence	Residence	Residence	Residence	Residence	
		Address:	2295 Center Street	6209 Cigar Lane		4221 Croton Street	4288 Croton Street	4312 Croton Street	4635 Durian Lane	2531 Flame Lane	
		Field Sample ID:	H1-TW-0012761-23147-3-A	H1-TW-0012771-23147-A	H1-TW-0012771-23147-3-A	H1-TW-0012788-23147-A	H1-TW-0012804-23147-A	H1-TW-0012810-23147-A	H1-TW-0012815-23147-A	H1-TW-0012823-23147-A-T	
		Sample Date:	2023-09-25	2023-09-25	2023-09-25	2023-08-21	2023-09-25	2023-10-10	2023-09-25	2023-07-20	
		Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	570	620	620	710	620	720	410	550
Field Test (ppb)	Free Chlorine	4000	MCL	570	620	620	710	620	720	410	550
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	54.6	117	59.9	61.6	57.8	75.7	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	54.6	117	59.9	61.6	57.8	75.7	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.70	1.50	1.50	2.00	1.50	1.50	1.60	2.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.30	1.40	1.10	1.00	0.550	1.40	1.30
	Copper	1300	MCL	13.2	12.3	12.5	11.3	11.6	17.4	12.5	25.3
	Lead	15	MCL	0.200	0.910	0.910	0.640	0.390	0.380	0.260	3.80
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	2.20	1.70	1.60	1.00	1.40	1.60	1.80	1.90
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.0190	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-CIGA6209		H1-CROT4221	H1-CROT4288	H1-CROT4312	H1-DURI4635	H1-FLAM2531	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	6209 Cigar Lane		4221 Croton Street	4288 Croton Street	4312 Croton Street	4635 Durian Lane	2531 Flame Lane	
				Field Sample ID:	H1-TW-0012761-23147-3-A	H1-TW-0012771-23147-A	H1-TW-0012771-23147-3-A	H1-TW-0012788-23147-A	H1-TW-0012804-23147-A	H1-TW-0012810-23147-A	H1-TW-0012815-23147-A	H1-TW-0012823-23147-A-T
				Sample Date:	2023-09-25	2023-09-25	2023-09-25	2023-08-21	2023-09-25	2023-10-10	2023-09-25	2023-07-20
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-CIGA6209		H1-CROT4221	H1-CROT4288	H1-CROT4312	H1-DURI4635	H1-FLAM2531	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	6209 Cigar Lane		4221 Croton Street	4288 Croton Street	4312 Croton Street	4635 Durian Lane	2531 Flame Lane	
				Field Sample ID:	H1-TW-0012761-23147-3-A	H1-TW-0012771-23147-A	H1-TW-0012771-23147-3-A	H1-TW-0012788-23147-A	H1-TW-0012804-23147-A	H1-TW-0012810-23147-A	H1-TW-0012815-23147-A	H1-TW-0012823-23147-A-T
				Sample Date:	2023-09-25	2023-09-25	2023-09-25	2023-08-21	2023-09-25	2023-10-10	2023-09-25	2023-07-20
				Sample Type:	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	0.290	
	Bromoform	--	--	0.320	ND	ND	ND	ND	ND	ND	1.10	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	0.270	ND	ND	ND	ND	ND	ND	0.840	
	Total Trihalomethanes	80	MCL	0.590	ND	ND	ND	ND	ND	ND	2.23	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-GARD4609	H1-GOLD6045	H1-GUAV3827		H1-GUAV3838	H1-HAWT6711	H1-HAWT6733	H1-HILO4804	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	4609 Gardenia Lane	6045 Gold Lane	3827 Guava Lane		3838 Guava Lane	6711 Hawthorne Place	6733 Hawthorne Place	4804 Hilo Holly Lane	
		Field Sample ID:	H1-TW-0012830-23147-A	H1-TW-0012849-23147-A	H1-TW-0012859-23147-A	H1-TW-0012859-23147-3-A	H1-TW-0012861-23147-A	H1-TW-0012875-23147-A	H1-TW-0012883-23147-A	H1-TW-0012891-23147-A	
		Sample Date:	2023-10-10	2023-09-25	2023-10-10	2023-10-10	2023-09-13	2023-09-28	2023-09-27	2023-09-25	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	770	180	770	770	590	570	580	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	61.6	59.7	ND	111	67.4	97.3	111	55.7
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	66.5	ND
	Petroleum Hydrocarbons, Total	266	ISP	61.6	59.7	ND	111	67.4	97.3	178	55.7
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	0.600	ND	ND	ND
	Barium	2000	MCL	1.40	1.60	1.40	1.40	1.40	1.40	1.40	1.60
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	1.30	0.580	0.620	0.720	1.30	1.40	1.30
	Copper	1300	MCL	3.80	15.2	6.90	7.10	8.10	15.0	8.00	15.8
	Lead	15	MCL	0.460	0.250	0.320	0.310	0.700	0.610	0.680	0.670
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.40	2.00	1.40	1.50	3.00	1.60	1.80	1.70
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	0.0260	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-GARD4609	H1-GOLD6045	H1-GUAV3827		H1-GUAV3838	H1-HAWT6711	H1-HAWT6733	H1-HILO4804
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	4609 Gardenia Lane	6045 Gold Lane	3827 Guava Lane		3838 Guava Lane	6711 Hawthorne Place	6733 Hawthorne Place	4804 Hilo Holly Lane
				Field Sample ID:	H1-TW-0012830-23147-A	H1-TW-0012849-23147-A	H1-TW-0012859-23147-A	H1-TW-0012859-23147-3-A	H1-TW-0012861-23147-A	H1-TW-0012875-23147-A	H1-TW-0012883-23147-A	H1-TW-0012891-23147-A
				Sample Date:	2023-10-10	2023-09-25	2023-10-10	2023-10-10	2023-09-13	2023-09-28	2023-09-27	2023-09-25
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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		Location ID:	H1-GARD4609	H1-GOLD6045	H1-GUAV3827		H1-GUAV3838	H1-HAWT6711	H1-HAWT6733	H1-HILO4804
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	4609 Gardenia Lane	6045 Gold Lane	3827 Guava Lane		3838 Guava Lane	6711 Hawthorne Place	6733 Hawthorne Place	4804 Hilo Holly Lane
		Field Sample ID:	H1-TW-0012830-23147-A	H1-TW-0012849-23147-A	H1-TW-0012859-23147-A	H1-TW-0012859-23147-3-A	H1-TW-0012861-23147-A	H1-TW-0012875-23147-A	H1-TW-0012883-23147-A	H1-TW-0012891-23147-A
		Sample Date:	2023-10-10	2023-09-25	2023-10-10	2023-10-10	2023-09-13	2023-09-28	2023-09-27	2023-09-25
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	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	0.330
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	0.290
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	0.620



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	H1-HILO4807	H1-HILO4813	H1-HILO4819	H1-IRON4021	H1-IRON4051	H1-IRON4066	H1-IRON4068	H1-IRON4072	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:	4807 Hilo Holly Lane	4813 Hilo Holly Lane	4819 Hilo Holly Lane	4021 Ironwood Loop	4051 Ironwood Loop	4066 Ironwood Loop	4068 Ironwood Loop	4072 Ironwood Loop	
		Field Sample ID:	H1-TW-0012894-23147-A	H1-TW-0012898-23147-A	H1-TW-0012367-23147-A	H1-TW-0012912-23147-A	H1-TW-0012919-23147-A	H1-TW-0012926-23147-A	H1-TW-0012927-23147-A	H1-TW-0012930-23147-A	
		Sample Date:	2023-08-21	2023-09-13	2023-09-13	2023-09-15	2023-09-15	2023-09-15	2023-09-25	2023-09-15	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	670	520	410	580	570	140	520	40.0
Field Test (ppb)	Free Chlorine	4000	MCL	670	520	410	580	570	140	520	40.0
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	83.5	90.8	69.7	88.2	93.7	78.8	ND	117
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	83.5	90.8	69.7	88.2	93.7	78.8	ND	117
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.540	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.40	1.50	1.50	1.40	1.40	1.40	1.40	1.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.00	0.830	0.820	1.10	1.10	1.00	1.00	1.10
	Copper	1300	MCL	15.0	7.30	7.50	14.4	23.3	24.2	4.50	13.3
	Lead	15	MCL	0.450	0.710	0.400	0.570	3.00	0.480	0.570	0.610
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.10	3.20	3.00	1.50	3.00	1.60	1.40	2.70
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	0.100	0.100	ND	0.0280	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	0.900	ND	0.480	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-HILO4807	H1-HILO4813	H1-HILO4819	H1-IRON4021	H1-IRON4051	H1-IRON4066	H1-IRON4068	H1-IRON4072
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4807 Hilo Holly Lane	4813 Hilo Holly Lane	4819 Hilo Holly Lane	4021 Ironwood Loop	4051 Ironwood Loop	4066 Ironwood Loop	4068 Ironwood Loop	4072 Ironwood Loop
		Field Sample ID:	H1-TW-0012894-23147-A	H1-TW-0012898-23147-A	H1-TW-0012367-23147-A	H1-TW-0012912-23147-A	H1-TW-0012919-23147-A	H1-TW-0012926-23147-A	H1-TW-0012927-23147-A	H1-TW-0012930-23147-A
		Sample Date:	2023-08-21	2023-09-13	2023-09-13	2023-09-15	2023-09-15	2023-09-15	2023-09-25	2023-09-15
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	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
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	0.770	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	H1-HILO4807	H1-HILO4813	H1-HILO4819	H1-IRON4021	H1-IRON4051	H1-IRON4066	H1-IRON4068	H1-IRON4072
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	4807 Hilo Holly Lane	4813 Hilo Holly Lane	4819 Hilo Holly Lane	4021 Ironwood Loop	4051 Ironwood Loop	4066 Ironwood Loop	4068 Ironwood Loop	4072 Ironwood Loop
		Field Sample ID:	H1-TW-0012894-23147-A	H1-TW-0012898-23147-A	H1-TW-0012367-23147-A	H1-TW-0012912-23147-A	H1-TW-0012919-23147-A	H1-TW-0012926-23147-A	H1-TW-0012927-23147-A	H1-TW-0012930-23147-A
		Sample Date:	2023-08-21	2023-09-13	2023-09-13	2023-09-15	2023-09-15	2023-09-15	2023-09-25	2023-09-15
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	0.770	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	0.360	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	3.60	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	1.60	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	5.56	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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)
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-IXOR6607	H1-IXOR6613	H1-KAHO6106		H1-KAHO6116	H1-KAHO6130	H1-KAHO6142	H1-KE S4621
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	6607 Ixora Lane	6613 Ixora Lane	6106 Kahoohanohano Street		6116 Kahoohanohano Street	6130 Kahoohanohano Street	6142 Kahoohanohano Street	4621 Ke Street
				Field Sample ID:	H1-TW-0012935-23147-A	H1-TW-0012937-23147-A	H1-TW-0012953-23147-3-A-T	H1-TW-0012953-23147-A-T	H1-TW-0012956-23147-A	H1-TW-0012963-23147-A	H1-TW-0012967-23147-A	H1-TW-0012975-23147-A
				Sample Date:	2023-09-27	2023-10-10	2023-06-28	2023-06-28	2023-09-13	2023-09-25	2023-09-25	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	670	880	390	390	500	560	730	680	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	83.5	63.0	61.5	60.4	74.2	64.1	60.4	57.2	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	83.5	63.0	61.5	60.4	74.2	64.1	60.4	57.2	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.40	1.30	1.50	1.50	1.40	1.40	1.40	1.50	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.40	0.520	2.40	2.30	0.650	1.20	1.30	1.10	
	Copper	1300	MCL	13.0	10.8	16.0	15.4	2.50	12.4	8.90	15.6	
	Lead	15	MCL	0.180	0.190	0.320	0.310	0.140	0.270	0.290	0.740	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.50	1.40	ND	ND	1.20	1.70	1.90	1.50	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	0.0160	0.0150	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				H1-IXOR6607	H1-IXOR6613	H1-KAHO6106		H1-KAHO6116	H1-KAHO6130	H1-KAHO6142	H1-KE S4621
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				6607 Ixora Lane	6613 Ixora Lane	6106 Kahoohanohano Street		6116 Kahoohanohano Street	6130 Kahoohanohano Street	6142 Kahoohanohano Street	4621 Ke Street
				H1-TW-0012935-23147-A	H1-TW-0012937-23147-A	H1-TW-0012953-23147-3-A-T	H1-TW-0012953-23147-A-T	H1-TW-0012956-23147-A	H1-TW-0012963-23147-A	H1-TW-0012967-23147-A	H1-TW-0012975-23147-A
				2023-09-27	2023-10-10	2023-06-28	2023-06-28	2023-09-13	2023-09-25	2023-09-25	2023-09-26
				N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-IXOR6607	H1-IXOR6613	H1-KAHO6106		H1-KAHO6116	H1-KAHO6130	H1-KAHO6142	H1-KE S4621
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	6607 Ixora Lane	6613 Ixora Lane	6106 Kahoohanohano Street		6116 Kahoohanohano Street	6130 Kahoohanohano Street	6142 Kahoohanohano Street	4621 Ke Street
				Field Sample ID:	H1-TW-0012935-23147-A	H1-TW-0012937-23147-A	H1-TW-0012953-23147-3-A-T	H1-TW-0012953-23147-A-T	H1-TW-0012956-23147-A	H1-TW-0012963-23147-A	H1-TW-0012967-23147-A	H1-TW-0012975-23147-A
				Sample Date:	2023-09-27	2023-10-10	2023-06-28	2023-06-28	2023-09-13	2023-09-25	2023-09-25	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	0.530	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	0.780	4.30	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	0.470	2.10	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	1.25	6.93	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KE S4645	H1-KE S4675	H1-KOBA4410	H1-KOBA4445	H1-KOBA4458		H1-KOBA4507	H1-KOBA4515
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	4645 Ke Street	4675 Ke Street	4410 Kobashigawa Street	4445 Kobashigawa Street	4458 Kobashigawa Street		4507 Kobashigawa Street	4515 Kobashigawa Street
				Field Sample ID:	H1-TW-0012981-23147-A	H1-TW-0012988-23147-A	H1-TW-0012998-23147-A	H1-TW-0013012-23147-A-T	H1-TW-0013015-23147-A	H1-TW-0013015-23147-3-A	H1-TW-0013024-23147-A	H1-TW-0013029-23147-A
				Sample Date:	2023-09-25	2023-09-26	2023-10-10	2023-06-28	2023-09-25	2023-09-25	2023-09-26	2023-07-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	580	530	700	640	670	670	420	1430	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	79.3	126	68.9	59.9	60.3	60.9	74.6	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	79.3	126	68.9	59.9	60.3	60.9	74.6	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.40	1.40	1.50	1.70	1.50	1.40	1.70	1.50	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.40	1.10	0.510	2.40	1.40	1.50	1.10	1.30	
	Copper	1300	MCL	11.4	10.4	10.3	18.5	5.60	5.90	15.7	13.3	
	Lead	15	MCL	0.640	0.360	0.680	1.80	0.280	0.230	1.10	0.530	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	2.00	1.40	1.60	ND	2.20	2.00	1.40	2.00	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.0540	ND	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KE S4645	H1-KE S4675	H1-KOBA4410	H1-KOBA4445	H1-KOBA4458		H1-KOBA4507	H1-KOBA4515
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	4645 Ke Street	4675 Ke Street	4410 Kobashigawa Street	4445 Kobashigawa Street	4458 Kobashigawa Street		4507 Kobashigawa Street	4515 Kobashigawa Street
				Field Sample ID:	H1-TW-0012981-23147-A	H1-TW-0012988-23147-A	H1-TW-0012998-23147-A	H1-TW-0013012-23147-A-T	H1-TW-0013015-23147-A	H1-TW-0013015-23147-3-A	H1-TW-0013024-23147-A	H1-TW-0013029-23147-A
				Sample Date:	2023-09-25	2023-09-26	2023-10-10	2023-06-28	2023-09-25	2023-09-25	2023-09-26	2023-07-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KE S4645	H1-KE S4675	H1-KOBA4410	H1-KOBA4445	H1-KOBA4458		H1-KOBA4507	H1-KOBA4515
				Location Type:	Residence	Residence	Residence	Residence	Residence		Residence	Residence
				Address:	4645 Ke Street	4675 Ke Street	4410 Kobashigawa Street	4445 Kobashigawa Street	4458 Kobashigawa Street		4507 Kobashigawa Street	4515 Kobashigawa Street
				Field Sample ID:	H1-TW-0012981-23147-A	H1-TW-0012988-23147-A	H1-TW-0012998-23147-A	H1-TW-0013012-23147-A-T	H1-TW-0013015-23147-A	H1-TW-0013015-23147-3-A	H1-TW-0013024-23147-A	H1-TW-0013029-23147-A
				Sample Date:	2023-09-25	2023-09-26	2023-10-10	2023-06-28	2023-09-25	2023-09-25	2023-09-26	2023-07-20
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	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	0.650	ND	ND	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	0.530	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	1.18	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
ND = Not Detected
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EAL = DOH Environmental Action Level
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KOU 4647		H1-KOU 4665	H1-LILI4658	H1-LILI4660	H1-MACA5048	H1-MACA5054	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	4647 Kou Lane		4665 Kou Lane	4658 Lilikoi Lane	4660 Lilikoi Lane	5048 Macadamia Lane	5054 Macadamia Lane	
				Field Sample ID:	H1-TW-0013042-23147-A	H1-TW-0013051-23147-A	H1-TW-0013051-23147-3-A	H1-TW-0013055-23147-A	H1-TW-0013076-23147-A	H1-TW-0013077-23147-A	H1-TW-0013093-23147-A	H1-TW-0013094-23147-A
				Sample Date:	2023-08-21	2023-09-27	2023-09-27	2023-10-10	2023-07-20	2023-09-26	2023-10-10	2023-08-21
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Field Test (ppb)	Free Chlorine	4000	MCL	700	480	480	770	540	670	920	870	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	60.4	78.4	101	58.7	50.9	58.4	63.4	59.3	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	60.4	78.4	101	58.7	50.9	58.4	63.4	59.3	
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Barium	2000	MCL	1.80	1.50	1.40	1.40	1.50	1.50	1.50	1.30	
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chromium	100	MCL	1.10	1.50	1.50	0.510	1.10	1.10	ND	1.00	
	Copper	1300	MCL	12.3	8.60	7.30	10.7	20.0	18.5	11.3	8.70	
	Lead	15	MCL	0.640	0.430	0.440	0.280	0.900	0.910	0.650	0.750	
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Selenium	50	MCL	1.50	1.50	1.50	1.40	2.10	1.40	1.50	1.20	
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	0.0510	ND	ND	ND	ND	
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzo(a)pyrene	0.2	MCL	0.0170	ND	ND	ND	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KOU 4647		H1-KOU 4665	H1-LILI4658	H1-LILI4660	H1-MACA5048	H1-MACA5054	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	
				Address:	4647 Kou Lane		4665 Kou Lane	4658 Lilikoi Lane	4660 Lilikoi Lane	5048 Macadamia Lane	5054 Macadamia Lane	
				Field Sample ID:	H1-TW-0013042-23147-A	H1-TW-0013051-23147-A	H1-TW-0013051-23147-3-A	H1-TW-0013055-23147-A	H1-TW-0013076-23147-A	H1-TW-0013077-23147-A	H1-TW-0013093-23147-A	H1-TW-0013094-23147-A
				Sample Date:	2023-08-21	2023-09-27	2023-09-27	2023-10-10	2023-07-20	2023-09-26	2023-10-10	2023-08-21
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-KOU 4647		H1-KOU 4665	H1-LILI4658	H1-LILI4660	H1-MACA5048	H1-MACA5054	
				Location Type:	Residence		Residence	Residence	Residence	Residence	Residence	Residence
				Address:	4647 Kou Lane		4665 Kou Lane	4658 Lilikoi Lane	4660 Lilikoi Lane	5048 Macadamia Lane	5054 Macadamia Lane	
				Field Sample ID:	H1-TW-0013042-23147-A	H1-TW-0013051-23147-A	H1-TW-0013051-23147-3-A	H1-TW-0013055-23147-A	H1-TW-0013076-23147-A	H1-TW-0013077-23147-A	H1-TW-0013093-23147-A	H1-TW-0013094-23147-A
				Sample Date:	2023-08-21	2023-09-27	2023-09-27	2023-10-10	2023-07-20	2023-09-26	2023-10-10	2023-08-21
				Sample Type:	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID: H1-MAMA4577		Residence							H1-MILO6812
		Location Type: Residence		4577 Mamane Lane							6812 Milo Lane
		Address:									
		Field Sample ID:		H1-TW-0013107-23147-A	H1-TW-0013107-23147-A-R1	H1-TW-0013107-23147-A-3	H1-TW-0013107-23147-A-4	H1-TW-0013107-23147-A-R2	H1-TW-0013107-23147-A-1	H1-TW-0013107-23147-A-2	H1-TW-0013122-23147-A
		Sample Date:		2023-10-10	2023-10-24	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-09-26
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	750	700	590-710	590-710	590-710	590-710	590-710	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	--	--	--	--	--	--	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	159	77.7	59.4	ND	60.9	79.4	85.7	69.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	159	77.7	59.4	ND	60.9	79.4	85.7	69.0
Metals (ppb)	Antimony	6	MCL	ND	--	--	--	--	--	--	ND
	Arsenic	10	MCL	ND	--	--	--	--	--	--	ND
	Barium	2000	MCL	1.30	--	--	--	--	--	--	1.40
	Beryllium	4	MCL	ND	--	--	--	--	--	--	ND
	Cadmium	5	MCL	ND	--	--	--	--	--	--	ND
	Chromium	100	MCL	ND	--	--	--	--	--	--	1.20
	Copper	1300	MCL	9.40	--	--	--	--	--	--	13.6
	Lead	15	MCL	0.380	--	--	--	--	--	--	0.330
	Mercury	2	MCL	ND	--	--	--	--	--	--	ND
	Selenium	50	MCL	1.50	--	--	--	--	--	--	1.40
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	--	--	--	--	--	--	ND
	1-Methylnaphthalene	10	EAL	ND	--	--	--	--	--	--	ND
	2-Methylnaphthalene	10	EAL	ND	--	--	--	--	--	--	ND
	Benzo(a)pyrene	0.2	MCL	ND	--	--	--	--	--	--	0.100
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	--	--	--	--	--	--	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	--	--	--	--	--	--	ND
	1,1,1-Trichloroethane	--	--	ND	--	--	--	--	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND	--	--	--	--	--	--	ND
	1,1-Dichloroethene	7	MCL	ND	--	--	--	--	--	--	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID: H1-MAMA4577		H1-MILO6812						
		Location Type: Residence		Residence						
		Address: 4577 Mamane Lane		6812 Milo Lane						
		Field Sample ID:	H1-TW-0013107-23147-A	H1-TW-0013107-23147-A-R1	H1-TW-0013107-23147-A-3	H1-TW-0013107-23147-A-4	H1-TW-0013107-23147-A-R2	H1-TW-0013107-23147-A-1	H1-TW-0013107-23147-A-2	H1-TW-0013122-23147-A
		Sample Date:	2023-10-10	2023-10-24	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-09-26
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	--	--	--	--	--	ND
	1,2-Dichlorobenzene	600	MCL	ND	--	--	--	--	--	ND
	1,2-Dichloroethane	5	MCL	ND	--	--	--	--	--	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	--	--	--	--	--	ND
	1,2-Dichloropropane	5	MCL	ND	--	--	--	--	--	ND
	1,4-Dichlorobenzene	75	MCL	ND	--	--	--	--	--	ND
	Benzene	5	MCL	ND	--	--	--	--	--	ND
	Carbon Tetrachloride	5	MCL	ND	--	--	--	--	--	ND
	Chlorobenzene	100	MCL	ND	--	--	--	--	--	ND
	cis-1,2-Dichloroethene	70	MCL	ND	--	--	--	--	--	ND
	Ethylbenzene	700	MCL	ND	--	--	--	--	--	ND
	m,p-Xylene	--	--	ND	--	--	--	--	--	ND
	Methylene chloride	5	MCL	ND	--	--	--	--	--	ND
	o-Xylene	--	--	ND	--	--	--	--	--	ND
	Styrene	100	MCL	ND	--	--	--	--	--	ND
	Tetrachloroethene (PCE)	5	MCL	ND	--	--	--	--	--	ND
	Toluene	1000	MCL	ND	--	--	--	--	--	ND
	trans-1,2-Dichloroethene	100	MCL	ND	--	--	--	--	--	ND
	Trichloroethene (TCE)	5	MCL	ND	--	--	--	--	--	ND
	Vinyl chloride	2	MCL	ND	--	--	--	--	--	ND
Xylenes, Total	10000	MCL	ND	--	--	--	--	--	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	--	--	--	--	--	ND
	Chloroacetic acid	--	--	ND	--	--	--	--	--	ND
	Dibromoacetic acid	--	--	ND	--	--	--	--	--	ND
	Dichloroacetic acid	--	--	ND	--	--	--	--	--	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:		H1-MAMA4577							H1-MILO6812
		Location Type:		Residence							Residence
		Address:		4577 Mamane Lane							6812 Milo Lane
		Field Sample ID:		H1-TW-0013107-23147-A	H1-TW-0013107-23147-A-R1	H1-TW-0013107-23147-A-3	H1-TW-0013107-23147-A-4	H1-TW-0013107-23147-A-R2	H1-TW-0013107-23147-A-1	H1-TW-0013107-23147-A-2	H1-TW-0013122-23147-A
		Sample Date:		2023-10-10	2023-10-24	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-10-25	2023-09-26
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	--	--	--	--	--	--	ND
	Total Haloacetic acids	60	MCL	ND	--	--	--	--	--	--	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	--	--	--	--	--	--	ND
	Bromoform	--	--	ND	--	--	--	--	--	--	ND
	Chloroform	--	--	ND	--	--	--	--	--	--	ND
	Dibromochloromethane	--	--	ND	--	--	--	--	--	--	ND
	Total Trihalomethanes	80	MCL	ND	--	--	--	--	--	--	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-MILO6843	H1-NAIO4708	H1-NAIO4715		H1-OKAM2637	H1-OKAM2667	H1-OKAM2686	H1-OKAM2690	
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence	
		Address:	6843 Milo Lane	4708 Naio Lane	4715 Naio Lane		2637 Okamura Street	2667 Okamura Street	2686 Okamura Street	2690 Okamura Street	
		Field Sample ID:	H1-TW-0013135-23147-A	H1-TW-0013139-23147-A	H1-TW-0013144-23147-A	H1-TW-0013144-23147-3-A	H1-TW-0013369-23147-A	H1-TW-0013376-23147-A	H1-TW-0013380-23147-A	H1-TW-0013382-23147-A	
		Sample Date:	2023-07-20	2023-09-28	2023-08-21	2023-08-21	2023-08-21	2023-10-16	2023-09-27	2023-08-21	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	750	150	730	730	340	460	450	600
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	93.8	ND	62.9	60.9	ND	102	93.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	93.8	ND	62.9	60.9	ND	102	93.4
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.50	1.40	1.40	1.40	1.70	1.50	1.70	1.60
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.30	1.40	0.980	1.00	1.10	0.910	1.50	0.980
	Copper	1300	MCL	10.9	14.0	14.9	14.2	10.5	13.5	18.5	6.70
	Lead	15	MCL	0.230	0.660	0.260	0.260	0.140	0.230	0.360	0.200
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.40	1.20	1.00	1.30	1.70	1.80	1.10
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0160
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

<b>Notes:</b>
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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				H1-MILO6843	H1-NAIO4708	H1-NAIO4715		H1-OKAM2637	H1-OKAM2667	H1-OKAM2686	H1-OKAM2690
				Residence	Residence	Residence		Residence	Residence	Residence	Residence
				6843 Milo Lane	4708 Naio Lane	4715 Naio Lane		2637 Okamura Street	2667 Okamura Street	2686 Okamura Street	2690 Okamura Street
				H1-TW-0013135-23147-A	H1-TW-0013139-23147-A	H1-TW-0013144-23147-A	H1-TW-0013144-23147-3-A	H1-TW-0013369-23147-A	H1-TW-0013376-23147-A	H1-TW-0013380-23147-A	H1-TW-0013382-23147-A
				2023-07-20	2023-09-28	2023-08-21	2023-08-21	2023-08-21	2023-10-16	2023-09-27	2023-08-21
				N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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N (Normal) = Full compliance sample
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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:		Location ID:	Location ID:	Location ID:	Location ID:
				H1-MILO6843	H1-NAIO4708	H1-NAIO4715		H1-OKAM2637	H1-OKAM2667	H1-OKAM2686	H1-OKAM2690
				Location Type:	Location Type:	Location Type:		Location Type:	Location Type:	Location Type:	Location Type:
				Address:	Address:	Address:		Address:	Address:	Address:	Address:
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:	Sample Date:
				Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:	Sample Type:
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	ND	ND	ND	ND	ND	ND	0.530	ND
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	ND	ND	ND	ND	0.310	ND	0.420	ND
	Total Trihalomethanes	80	MCL	ND	ND	ND	ND	0.310	ND	0.950	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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		Location ID:	H1-OLEA4713	H1-OLEA4719	H1-OLEA4723	H1-PAPA6338	H1-PAPA6361	H1-PAPA6363		H1-PAPE4513	
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence	
		Address:	4713 Oleander Street	4719 Oleander Street	4723 Oleander Street	6338 Papaya Lane	6361 Papaya Lane	6363 Papaya Lane		4513 Paperbark Lane	
		Field Sample ID:	H1-TW-0013393-23147-A	H1-TW-0013395-23147-A	H1-TW-0013397-23147-A	H1-TW-0013412-23147-A	H1-TW-0013424-23147-A	H1-TW-0013425-23147-A	H1-TW-0013425-23147-3-A	H1-TW-0013435-23147-A	
		Sample Date:	2023-09-27	2023-08-21	2023-08-21	2023-08-21	2023-09-26	2023-09-13	2023-09-13	2023-09-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	660	690	730	450	670	530	530	670
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	95.2	81.2	63.3	140	51.5	166	58.5	58.9
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	68.7	ND	74.3	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	95.2	81.2	63.3	209	51.5	240	58.5	58.9
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	0.600	ND	ND
	Barium	2000	MCL	1.60	1.40	2.70	1.40	1.40	1.60	1.40	1.50
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	1.10	1.10	1.00	1.00	0.730	0.620	1.10
	Copper	1300	MCL	21.3	10.4	10.0	9.40	10.0	7.50	7.50	13.7
	Lead	15	MCL	0.700	0.790	0.290	0.180	0.150	0.200	0.240	0.530
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.70	1.40	1.40	1.20	1.40	3.10	1.00	1.50
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	0.0510	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-OLEA4713	H1-OLEA4719	H1-OLEA4723	H1-PAPA6338	H1-PAPA6361	H1-PAPA6363		H1-PAPE4513
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4713 Oleander Street	4719 Oleander Street	4723 Oleander Street	6338 Papaya Lane	6361 Papaya Lane	6363 Papaya Lane		4513 Paperbark Lane
				Field Sample ID:	H1-TW-0013393-23147-A	H1-TW-0013395-23147-A	H1-TW-0013397-23147-A	H1-TW-0013412-23147-A	H1-TW-0013424-23147-A	H1-TW-0013425-23147-A	H1-TW-0013425-23147-3-A	H1-TW-0013435-23147-A
				Sample Date:	2023-09-27	2023-08-21	2023-08-21	2023-08-21	2023-09-26	2023-09-13	2023-09-13	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Residences in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-OLEA4713	H1-OLEA4719	H1-OLEA4723	H1-PAPA6338	H1-PAPA6361	H1-PAPA6363		H1-PAPE4513
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		Residence
				Address:	4713 Oleander Street	4719 Oleander Street	4723 Oleander Street	6338 Papaya Lane	6361 Papaya Lane	6363 Papaya Lane		4513 Paperbark Lane
				Field Sample ID:	H1-TW-0013393-23147-A	H1-TW-0013395-23147-A	H1-TW-0013397-23147-A	H1-TW-0013412-23147-A	H1-TW-0013424-23147-A	H1-TW-0013425-23147-A	H1-TW-0013425-23147-3-A	H1-TW-0013435-23147-A
				Sample Date:	2023-09-27	2023-08-21	2023-08-21	2023-08-21	2023-09-26	2023-09-13	2023-09-13	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromoform	--	--	0.260	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	0.260	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	H1-PLUM6667	H1-PLUM6670	H1-POME2312	H1-POME2348	
		Location Type:	Residence	Residence	Residence	Residence	
		Address:	6667 Plumeria Loop	6670 Plumeria Loop	2312 Pomelaiki Street	2348 Pomelaiki Street	
		Field Sample ID:	H1-TW-0013647-23147-A	H1-TW-0013446-23147-A	H1-TW-0013458-23147-A	H1-TW-0012604-23147-A	
		Sample Date:	2023-09-27	2023-08-21	2023-09-26	2023-09-26	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
Field Test (ppb)	Free Chlorine	4000	MCL	420	540	340	570
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	108	ND	66.7	63.2
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	108	ND	66.7	63.2
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND
	Barium	2000	MCL	1.90	1.50	1.60	1.60
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	1.40	1.10	1.00	1.10
	Copper	1300	MCL	11.3	8.00	14.5	14.0
	Lead	15	MCL	0.840	0.470	0.180	0.320
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	1.80	1.40	1.40	1.50
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	0.110	ND	0.0190	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	Location ID:	Location ID:	Location ID:
				H1-PLUM6667	H1-PLUM6670	H1-POME2312	H1-POME2348
				Residence	Residence	Residence	Residence
				Address:	Address:	Address:	Address:
				6667 Plumeria Loop	6670 Plumeria Loop	2312 Pomelaiki Street	2348 Pomelaiki Street
				Field Sample ID:	Field Sample ID:	Field Sample ID:	Field Sample ID:
				H1-TW-0013647-23147-A	H1-TW-0013446-23147-A	H1-TW-0013458-23147-A	H1-TW-0012604-23147-A
				Sample Date:	Sample Date:	Sample Date:	Sample Date:
				2023-09-27	2023-08-21	2023-09-26	2023-09-26
				Sample Type:	Sample Type:	Sample Type:	Sample Type:
				N (Normal)	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND
Xylenes, Total	10000	MCL	ND	ND	ND	ND	
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND
	Dichloroacetic acid	--	--	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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N (Normal) = Full compliance sample
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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-PLUM6667	H1-PLUM6670	H1-POME2312	H1-POME2348
				Location Type:	Residence	Residence	Residence	Residence
				Address:	6667 Plumeria Loop	6670 Plumeria Loop	2312 Pomelaiki Street	2348 Pomelaiki Street
				Field Sample ID:	H1-TW-0013647-23147-A	H1-TW-0013446-23147-A	H1-TW-0013458-23147-A	H1-TW-0012604-23147-A
				Sample Date:	2023-09-27	2023-08-21	2023-09-26	2023-09-26
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Haloacetic Acids (ppb)	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND
	Bromoform	--	--	0.530	0.430	ND	ND	ND
	Chloroform	--	--	ND	ND	ND	ND	ND
	Dibromochloromethane	--	--	0.270	0.400	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.800	0.830	ND	ND	ND



**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone H1**

<b>Notes:</b>
ND = Not Detected
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N (Grab, Resample) = Additional follow-up sample

		<b>Location ID:</b>		H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875	
		<b>Location Type:</b>		Child Development Center		Child Development Center		Child Development Center		Child Development Center	
		<b>Address:</b>		Building 1782,CYS / Army Community Center		Building 1783,CDC - Under 6 years		Building 1795,Youth Activities Center		Building 1875,Private/Organizational Club	
		<b>Field Sample ID:</b>		H1-TW-0017683-23147-A-1	H1-TW-0017683-23147-A-2	H1-TW-0017684-23147-A-2	H1-TW-0017684-23147-A-1-T	H1-TW-0017687-23147-A-2-T	H1-TW-0017687-23147-A-1	H1-TW-0017689-23147-A-1	H1-TW-0017689-23147-A-2
		<b>Sample Date:</b>		2023-10-10	2023-10-11	2023-06-28	2023-06-28	2023-06-28	2023-06-28	2023-08-21	2023-08-21
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>								
Field Test (ppb)	Free Chlorine	4000	MCL	980	680	50.0-550	50.0-550	20.0-360	20.0-360	20.0-120	20.0-120
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	78.3	ND	60.5	58.0	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND	ND	ND	ND	50.7	ND
	Petroleum Hydrocarbons, Total	266	ISP	78.3	ND	60.5	58.0	ND	ND	50.7	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.470	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.50	1.60	1.60	1.60	1.90	2.70	4.50	3.00
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	0.530	ND	2.40	2.40	2.40	2.40	0.730	1.10
	Copper	1300	MCL	60.7	32.9	60.3	39.3	499	212	170	51.6
	Lead	15	MCL	0.630	0.400	0.930	0.460	1.40	0.860	0.510	0.840
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	1.40	1.60	ND	ND	ND	ND	0.700	1.10
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	0.420	ND	0.470	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone H1**

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N (Grab, Resample) = Additional follow-up sample

Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID: H1-BLDG1782		Location ID: H1-BLDG1783		Location ID: H1-BLDG1795		Location ID: H1-BLDG1875	
				Location Type: Child Development Center	Address: Building 1782,CYS / Army Community Center	Location Type: Child Development Center	Address: Building 1783,CDC - Under 6 years	Location Type: Child Development Center	Address: Building 1795,Youth Activities Center	Location Type: Child Development Center	Address: Building 1875,Private/Organizational Club
				Field Sample ID: H1-TW-0017683-23147-A-1	Field Sample ID: H1-TW-0017683-23147-A-2	Field Sample ID: H1-TW-0017684-23147-A-2	Field Sample ID: H1-TW-0017684-23147-A-1-T	Field Sample ID: H1-TW-0017687-23147-A-2-T	Field Sample ID: H1-TW-0017687-23147-A-1	Field Sample ID: H1-TW-0017689-23147-A-1	Field Sample ID: H1-TW-0017689-23147-A-2
				Sample Date: 2023-10-10	Sample Date: 2023-10-11	Sample Date: 2023-06-28	Sample Date: 2023-06-28	Sample Date: 2023-06-28	Sample Date: 2023-06-28	Sample Date: 2023-08-21	Sample Date: 2023-08-21
				Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)	Sample Type: N (Normal)
Volatile Organic Compounds (ppb)	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Child Development Centers in Zone H1**

<b>Notes:</b>
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		<b>Location ID:</b>		H1-BLDG1782		H1-BLDG1783		H1-BLDG1795		H1-BLDG1875	
		<b>Location Type:</b>		Child Development Center		Child Development Center		Child Development Center		Child Development Center	
		<b>Address:</b>		Building 1782,CYS / Army Community Center		Building 1783,CDC - Under 6 years		Building 1795,Youth Activities Center		Building 1875,Private/Organizational Club	
		<b>Field Sample ID:</b>		H1-TW-0017683-23147-A-1	H1-TW-0017683-23147-A-2	H1-TW-0017684-23147-A-2	H1-TW-0017684-23147-A-1-T	H1-TW-0017687-23147-A-2-T	H1-TW-0017687-23147-A-1	H1-TW-0017689-23147-A-1	H1-TW-0017689-23147-A-2
		<b>Sample Date:</b>		2023-10-10	2023-10-11	2023-06-28	2023-06-28	2023-06-28	2023-06-28	2023-08-21	2023-08-21
		<b>Sample Type:</b>		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>								
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Chloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromoacetic acid	--	--	ND	ND	ND	ND	ND	ND	2.90	2.80
	Dichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroacetic acid	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	2.90	2.80
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	1.80	2.10
	Bromoform	--	--	ND	ND	0.900	ND	ND	0.760	6.60	8.80
	Chloroform	--	--	ND	ND	ND	ND	ND	ND	0.480	0.440
	Dibromochloromethane	--	--	ND	ND	0.560	ND	ND	0.600	4.60	6.40
	Total Trihalomethanes	80	MCL	ND	ND	1.46	ND	ND	1.36	13.5	17.7

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone H1**

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		<b>Location ID:</b>	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		<b>Location Type:</b>	Hydrant	Hydrant	Hydrant	
		<b>Address:</b>	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		<b>Field Sample ID:</b>	H1-DL-0017756-23147 -A	H1-DL-0017754-23147 -A	H1-DL-0017755-23147 -A	
		<b>Sample Date:</b>	2023-10-10	2023-10-10	2023-10-10	
		<b>Sample Type:</b>	N (Normal)	N (Normal)	N (Normal)	
<b>Method Group</b>	<b>Analyte</b>	<b>DOH Project Screening Level</b>	<b>Basis of Project Screening Level</b>			
Field Test (ppb)	Free Chlorine	4000	MCL	460	290	620
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	74.2	60.8	64.1
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	74.2	60.8	64.1
Metals (ppb)	Antimony	6	MCL	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND
	Barium	2000	MCL	1.80	1.60	1.50
	Beryllium	4	MCL	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND
	Chromium	100	MCL	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND
	Selenium	50	MCL	1.40	1.40	1.40
	Thallium	2	MCL	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

**Drinking Water Samples collected in June-November 2023 from Fire Hydrants in Zone H1**

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A
				Location Type:	Hydrant	Hydrant	Hydrant
				Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416
				Field Sample ID:	H1-DL-0017756-23147-A	H1-DL-0017754-23147-A	H1-DL-0017755-23147-A
				Sample Date:	2023-10-10	2023-10-10	2023-10-10
				Sample Type:	N (Normal)	N (Normal)	N (Normal)
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND
	Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND	ND	ND
Chloroacetic acid		--	--	ND	ND	ND	ND
Dibromoacetic acid		--	--	ND	ND	ND	ND
Dichloroacetic acid		--	--	ND	ND	ND	ND
Trichloroacetic acid		--	--	ND	ND	ND	ND
Total Haloacetic acids		60	MCL	ND	ND	ND	ND

**Summary of Chemistry Results**  
**Zone H1 Long Term Monitoring**  
**Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

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		Location ID:	H1-HYD1387A	H1-HYD1396A	H1-HYD1416A	
		Location Type:	Hydrant	Hydrant	Hydrant	
		Address:	Hydrant 1387	Hydrant 1396	Hydrant 1416	
		Field Sample ID:	H1-DL-0017756-23147 -A	H1-DL-0017754-23147 -A	H1-DL-0017755-23147 -A	
		Sample Date:	2023-10-10	2023-10-10	2023-10-10	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND	ND	ND
	Bromoform	--	--	0.560	ND	ND
	Chloroform	--	--	ND	ND	ND
	Dibromochloromethane	--	--	0.540	ND	ND
	Total Trihalomethanes	80	MCL	1.10	ND	ND