

Summary of Chemistry Results  
Zone C3 Long Term Monitoring  
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Drinking Water Samples collected in June - September 2023 from Other Buildings in Zone C3

Notes:				
ND = Not Detected				
ISP = Incident Specific Parameter				
EAL = DOH Environmental Action Level				
EPA MCL = EPA Maximum Contaminant Level				
All Results shown in Parts per Billion (ppb)				
§ - Exceeds Screening Level				
-- = No Information Available				
N (Normal) = Full compliance sample				
FD (Field Duplicate) = Extra sample taken for quality control				
N (Grab, Resample) = Additional follow-up sample				
			Location ID:	C3-BLDG0208
			Location Type:	Non-Residence
			Address:	Building 208,PRODUCTION MEETING ROOM
			Field Sample ID:	C3-TW-0014945- 23162-N-T
			Sample Date:	2023-09-06
			Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Field Test (ppb)	Free Chlorine	4000	MCL	370
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	57.4
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND
	Petroleum Hydrocarbons (as Oil)	--	--	ND
	Petroleum Hydrocarbons, Total	266	ISP	57.4
Metals (ppb)	Antimony	6	MCL	ND
	Arsenic	10	MCL	0.960
	Barium	2000	MCL	2.20
	Beryllium	4	MCL	ND
	Cadmium	5	MCL	ND
	Chromium	100	MCL	0.720
	Copper	1300	MCL	24.7
	Lead	15	MCL	0.150
	Mercury	2	MCL	ND
	Selenium	50	MCL	2.00
	Thallium	2	MCL	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND
	2-Methylnaphthalene	10	EAL	ND
	Benzo(a)pyrene	0.2	MCL	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND
	Naphthalene	17	EAL	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND
	1,1,2-Trichloroethane	5	MCL	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND
	1,2,4-Trichlorobenzene	70	MCL	ND
	1,2-Dichlorobenzene	600	MCL	ND
	1,2-Dichloroethane	5	MCL	ND
	1,2-Dichloroethene (Total)	70	MCL	ND
	1,2-Dichloropropane	5	MCL	ND
	1,4-Dichlorobenzene	75	MCL	ND
	Benzene	5	MCL	ND
	Carbon Tetrachloride	5	MCL	ND
	Chlorobenzene	100	MCL	ND
	cis-1,2-Dichloroethene	70	MCL	ND
	Ethylbenzene	700	MCL	ND
	m,p-Xylene	--	--	ND
	Methylene chloride	5	MCL	ND
	o-Xylene	--	--	ND
	Styrene	100	MCL	ND
	Tetrachloroethene (PCE)	5	MCL	ND
	Toluene	1000	MCL	ND
	trans-1,2-Dichloroethene	100	MCL	ND
	Trichloroethene (TCE)	5	MCL	ND
	Vinyl chloride	2	MCL	ND
	Xylenes, Total	10000	MCL	ND
Haloacetic Acids (ppb)	Bromoacetic acid	--	--	ND
	Chloroacetic acid	--	--	ND

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			Sample Date:	2023-09-06
			Sample Type:	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Haloacetic Acids (ppb)	Dibromoacetic acid	--	--	ND
	Dichloroacetic acid	--	--	ND
	Trichloroacetic acid	--	--	ND
	Total Haloacetic acids	60	MCL	ND
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.970
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.700
	Total Trihalomethanes	80	MCL	1.67

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				Location ID:	C3-HYD1026	
				Location Type:	Hydrant	
				Address:	FH ID: 230	
				Field Sample ID:	C3-DL-0000538-23162-N	C3-DL-0000538-23162-3-N
				Sample Date:	2023-09-06	2023-09-06
				Sample Type:	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Field Test (ppb)	Free Chlorine	4000	MCL	120	120	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	
	Petroleum Hydrocarbons (as Oil)	--	--	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	ND	
	Arsenic	10	MCL	0.900	0.980	
	Barium	2000	MCL	2.00	2.00	
	Beryllium	4	MCL	ND	ND	
	Cadmium	5	MCL	ND	ND	
	Chromium	100	MCL	0.640	0.750	
	Mercury	2	MCL	ND	ND	
	Selenium	50	MCL	2.40	2.50	
	Thallium	2	MCL	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	
	2-Methylnaphthalene	10	EAL	ND	ND	
	Benzo(a)pyrene	0.2	MCL	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	
	Naphthalene	17	EAL	ND	ND	
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	
	1,1,2-Trichloroethane	5	MCL	ND	ND	
	1,1-Dichloroethene	7	MCL	ND	ND	
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	
	1,2-Dichlorobenzene	600	MCL	ND	ND	

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				Sample Date:	2023-09-06	2023-09-06
				Sample Type:	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	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	
	Trichloroacetic acid	--	--	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	

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		Sample Type:	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	
Trihalomethanes (ppb)	Bromodichloromethane	--	--	ND
	Bromoform	--	--	0.910
	Chloroform	--	--	ND
	Dibromochloromethane	--	--	0.560
	Total Trihalomethanes	80	MCL	1.47