

**Summary of Chemistry Results
Zone D1 Post Residential and Non-Residential Flushing Data
Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii**

Drinking Water Samples Collected During Emergency Response in January to March 2022 from Locations in Zone D1

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

		Location ID:	D1-SING0126	D1-SMIT3341	D1-SMIT3342		D1-SMIT3344	D1-STOM3318	D1-TAUS1601	D1-TAUS1604
		Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:	126 Singleton Court	3341 Smith Circle	3342 Smith Circle		3344 Smith Circle	3318 Stommes Place	1601 Taussig Court	1604 Taussig Court
		Field Sample ID:	220109-D1-CT11	220110-D1-DT08	220110-D1-GT03	220110-D1-GT05	220110-D1-BT04	220110-D1-BT06	220109-D1-CT03	220109-D1-ET05
		Sample Date:	2022-01-09	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-09	2022-01-09
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.630	0.810	ND	ND	ND
	Barium	2000	MCL	2.00	1.90	1.90	1.90	1.80	2.10	1.90
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	2.10	2.30	2.20	2.50	1.90	2.10	1.90
	Copper	1300	MCL	88.0	9.30	18.0	89.0	43.0	32.0	87.0
	Lead	15	MCL	ND	ND	ND	ND	0.420	ND	0.260
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	2.20
	Hexachlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	--	--	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-SING0126	D1-SMIT3341	D1-SMIT3342		D1-SMIT3344	D1-STOM3318	D1-TAUS1601	D1-TAUS1604
				Location Type:	Address:	Field Sample ID:	Sample Date:	Sample Type:	Residence	Residence	Residence	Residence
					126 Singleton Court	3341 Smith Circle	3342 Smith Circle		3344 Smith Circle	3318 Stommes Place	1601 Taussig Court	1604 Taussig Court
					220109-D1-CT11	220110-D1-DT08	220110-D1-GT03	220110-D1-GT05	220110-D1-BT04	220110-D1-BT06	220109-D1-CT03	220109-D1-ET05
					2022-01-09	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-09	2022-01-09
					N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
					ND	ND	ND	ND	ND	ND	ND	ND
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

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				Location ID:	D1-TEAG3315		D1-THAT0613		D1-VALD3306	D1-VALD3307	D1-WAGO1706		D1-WAGO1710
				Location Type:	Residence		Residence		Residence	Residence	Residence		Residence
				Address:	3315 Teague Place		613 Thatcher Court		3306 Valdez Place	3307 Valdez Place	1706 Wagoner Court		1710 Wagoner Court
				Field Sample ID:	220110-D1-FT04	220109-D1-BT06	220109-D1-BT08	220110-D1-ET01	220110-D1-BT08	220110-D1-CT04	220110-D1-CT07	220109-D1-CT09	
				Sample Date:	2022-01-10	2022-01-09	2022-01-09	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-09	
				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										
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	ND	ND	ND	
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	1.90	1.90	1.90	2.70	2.70	1.90	1.90	1.90		
	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	2.00	2.10	2.00	2.10	2.10	2.10	2.10	1.90		
	Copper	1300	MCL	35.0	25.0	25.0	18.0	16.0	65.0	65.0	81.0		
	Lead	15	MCL	ND	ND	ND	ND	0.160	ND	ND	ND		
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
Synthetic Organic Compounds (ppb)	Thallium	2	MCL	ND	ND	ND	ND	0.0620	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	0.0300	ND	ND	ND	ND		
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	0.460	ND		
	Hexachlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND		
	Hexachlorocyclopentadiene	--	--	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		

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	D1-THAT0613		D1-VALD3306	D1-VALD3307	D1-WAGO1706		D1-WAGO1710
				Location Type:	Residence		Residence	Residence	Residence		Residence
				Address:	613 Thatcher Court		3306 Valdez Place	3307 Valdez Place	1706 Wagoner Court		1710 Wagoner Court
				Field Sample ID:	220109-D1-BT06	220109-D1-BT08	220110-D1-ET01	220110-D1-BT08	220110-D1-CT04	220110-D1-CT07	220109-D1-CT09
				Sample Date:	2022-01-09	2022-01-09	2022-01-10	2022-01-10	2022-01-10	2022-01-10	2022-01-09
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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

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		Location ID:	D1-WOUT1108	D1-WOUT1115	D1-WTEA0811	D1-WTEA0814	
		Location Type:	Residence	Residence	Residence	Residence	
		Address:	1108 West Outerbridge Court	1115 West Outerbridge Court	811 West Teaff Court	814 West Teaff Court	
		Field Sample ID:	220110-D1-FT13	220110-D1-DT10	220110-D1-DT04	220109-D1-BT01	
		Sample Date:	2022-01-10	2022-01-10	2022-01-10	2022-01-09	
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level				
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	192	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	192	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND
	Arsenic	10	MCL	ND	0.910	ND	ND
	Barium	2000	MCL	2.20	1.80	1.90	1.90
	Beryllium	4	MCL	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND
	Chromium	100	MCL	2.40	2.40	2.10	2.00
	Copper	1300	MCL	200	49.0	63.0	130
	Lead	15	MCL	0.240	0.160	0.200	ND
	Mercury	2	MCL	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND
Thallium	2	MCL	ND	ND	ND	ND	
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	0.550	ND	0.660	2.30
	Hexachlorobenzene	--	--	ND	ND	ND	ND
	Hexachlorocyclopentadiene	--	--	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND
	Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND

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		Location ID:	D1-WOUT1108	D1-WOUT1115	D1-WTEA0811	D1-WTEA0814
		Location Type:	Residence	Residence	Residence	Residence
		Address:	1108 West Outerbridge Court	1115 West Outerbridge Court	811 West Teaff Court	814 West Teaff Court
		Field Sample ID:	220110-D1-FT13	220110-D1-DT10	220110-D1-DT04	220109-D1-BT01
		Sample Date:	2022-01-10	2022-01-10	2022-01-10	2022-01-09
		Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level			
Volatile Organic Compounds (ppb)	1,1-Dichloroethene	7	MCL	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND
Vinyl chloride	2	MCL	ND	ND	ND	
Xylenes, Total	10000	MCL	ND	ND	ND	