

Summary of Chemistry Results  
Zone H3 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 H3

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:		H3-ABEL0193		H3-BLAC1706		H3-BLAC1713		H3-BLAC1851	
		Location Type:		Residence		Residence		Residence		Residence	
		Address:		193 Abelia Place		1706 Blackhaw Place		1713 Blackhaw Place		1851 Blackthorn Loop	
		Field Sample ID:		220203H3ET07	220203H3ET08	220129H3IT06	220131H3KT06	220202H3KT03	220202H3KT04	220203H3DT01	220203H3DT02
		Sample Date:		2022-02-03	2022-02-03	2022-01-29	2022-01-31	2022-02-02	2022-02-02	2022-02-03	2022-02-03
		Sample Type:		N (Normal)	FD (Field Duplicate)	N (Normal)	N (72 Hour Stagnation)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	1890	2170 §	ND	530	1840	1600	1520	1580
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	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	2.60	2.50	3.40	2.90	2.50	2.50	2.40	2.40
	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	1.70	1.80	2.00	1.40	1.60	1.60	1.70	1.60
	Copper	1300	MCL	46.6	43.6	54.0	62.6	53.4	29.3	37.9	35.9
	Lead	15	MCL	ND	ND	0.170	0.340	0.160	ND	0.240	0.320
	Mercury	2	MCL	ND	ND	0.0590	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	1.60	ND	ND	ND	ND	ND
	Thallium	2	MCL	0.0920	ND	ND	ND	0.0850	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	ND	ND	ND	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
	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

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		Location ID:	H3-ABEL0193		H3-BLAC1706		H3-BLAC1713		H3-BLAC1851	
		Location Type:	Residence		Residence		Residence		Residence	
		Address:	193 Abelia Place		1706 Blackhaw Place		1713 Blackhaw Place		1851 Blackthorn Loop	
		Field Sample ID:	220203H3ET07	220203H3ET08	220129H3IT06	220131H3KT06	220202H3KT03	220202H3KT04	220203H3DT01	220203H3DT02
		Sample Date:	2022-02-03	2022-02-03	2022-01-29	2022-01-31	2022-02-02	2022-02-02	2022-02-03	2022-02-03
		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (72 Hour Stagnation)	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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

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		Location ID:		H3-CLAR0195	H3-EUCA0187		H3-HALA0123	H3-HALA0138	H3-HALA0219	H3-HIBI0399	H3-HIBI0650
		Location Type:		Residence	Residence		Residence	Residence	Residence	Residence	Residence
		Address:		195 Clarey Place	187 Eucalyptus Place		123 Halawa View Loop	138 Halawa View Loop	219 Halawa View Circle	399 Hibiscus Street	650 Hibiscus Street
		Field Sample ID:		220130H3LT04	220203H3GT01	220203H3GT02	220203H3GT04	220204H3GT04	220204H3GT02	220203H3ET06	220203H3ET04
		Sample Date:		2022-01-30	2022-02-03	2022-02-03	2022-02-03	2022-02-04	2022-02-04	2022-02-03	2022-02-03
		Sample Type:		N (Normal)	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								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	2680 §	1580	2240 §	ND	2110 §	1920	ND	1820
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	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	3.10	2.80	2.80	2.40	2.50	2.30	2.50	2.40
	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	1.60	1.60	1.60	1.80	1.70	1.80	1.80	1.90
	Copper	1300	MCL	47.0	35.6	33.3	57.5	101	10.9	21.6	15.5
	Lead	15	MCL	1.50	0.300	0.350	0.210	0.280	0.390	0.230	0.180
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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	ND	ND	ND	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
	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

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				Location ID:	H3-CLAR0195		H3-EUCA0187		H3-HALA0123	H3-HALA0138	H3-HALA0219	H3-HIBI0399	H3-HIBI0650
				Location Type:	Residence		Residence		Residence	Residence	Residence	Residence	Residence
				Address:	195 Clarey Place		187 Eucalyptus Place		123 Halawa View Loop	138 Halawa View Loop	219 Halawa View Circle	399 Hibiscus Street	650 Hibiscus Street
				Field Sample ID:	220130H3LT04		220203H3GT01	220203H3GT02	220203H3GT04	220204H3GT04	220204H3GT02	220203H3ET06	220203H3ET04
				Sample Date:	2022-01-30		2022-02-03	2022-02-03	2022-02-03	2022-02-04	2022-02-04	2022-02-03	2022-02-03
				Sample Type:	N (Normal)		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										
Volatile Organic Compounds (ppb)	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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		Location ID:		H3-HIBI0670	H3-HIBI0690			H3-HYD1641A		H3-HYD1651A	
		Location Type:		Residence	Residence			Hydrant		Hydrant	
		Address:		670 Hibiscus Street	690 Hibiscus Street			Hydrant 1641		Hydrant 1651	
		Field Sample ID:		220203H3ET05	220203H3GT03	220112-H3-ZT09	220112-H3-ZT11	220204H3IT01-1	220204H3IT02	220204H3IT02-1	220112-H3-ZT13
		Sample Date:		2022-02-03	2022-02-03	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-04	2022-01-12
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	2060 §	ND	--	ND	--	--	--	--
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	--	--	--	99.0
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	--	--	--	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	--	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	--	--	--	99.0
Metals (ppb)	Antimony	6	MCL	ND	ND	--	ND	--	--	--	--
	Arsenic	10	MCL	ND	ND	--	0.352	--	--	--	--
	Barium	2000	MCL	2.40	2.50	--	2.52	--	--	--	--
	Beryllium	4	MCL	ND	ND	--	ND	--	--	--	--
	Cadmium	5	MCL	ND	ND	--	ND	--	--	--	--
	Chromium	100	MCL	1.90	1.80	--	1.51	--	--	--	--
	Copper	1300	MCL	16.7	23.6	--	10.5	--	--	--	--
	Lead	15	MCL	0.180	0.300	--	2.18	--	--	--	--
	Mercury	2	MCL	ND	ND	--	ND	--	--	--	--
	Selenium	50	MCL	ND	ND	--	2.01	--	--	--	--
	Thallium	2	MCL	ND	ND	--	ND	--	--	--	--
Synthetic Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	--	--	ND	--	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	--	--	ND	--	ND	ND	ND	ND
	1,3-Dichlorobenzene	--	--	--	--	ND	--	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	--	--	ND	--	ND	ND	ND	ND
	1-Methylnaphthalene	10	EAL	ND	ND	--	ND	--	--	--	--
	2,4,5-Trichlorophenol	--	--	--	--	--	--	ND	--	ND	--
	2,4,6-Trichlorophenol	--	--	--	--	--	--	ND	--	ND	--
	2,4-Dichlorophenol	--	--	--	--	--	--	ND	--	ND	--
	2,4-Dimethylphenol	--	--	--	--	--	--	ND	--	ND	--

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		Location ID:		H3-HIBI0670	H3-HIBI0690			H3-HYD1641A			H3-HYD1651A
		Location Type:		Residence	Residence			Hydrant			Hydrant
		Address:		670 Hibiscus Street	690 Hibiscus Street			Hydrant 1641			Hydrant 1651
		Field Sample ID:		220203H3ET05	220203H3GT03	220112-H3-ZT09	220112-H3-ZT11	220204H3IT01-1	220204H3IT02	220204H3IT02-1	220112-H3-ZT13
		Sample Date:		2022-02-03	2022-02-03	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-04	2022-01-12
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	2,4-Dinitrophenol	--	--	--	--	--	--	ND	--	ND	--
	2,4-Dinitrotoluene	--	--	--	--	ND	--	ND	ND	ND	ND
	2,6-Dinitrotoluene	--	--	--	--	ND	--	ND	ND	ND	ND
	2-Chloronaphthalene	--	--	--	--	ND	--	ND	ND	ND	ND
	2-Chlorophenol	--	--	--	--	--	--	ND	--	ND	--
	2-Ethylhexyl adipate	--	--	--	--	--	ND	--	--	--	--
	2-Methylnaphthalene	10	EAL	ND	ND	--	ND	--	--	--	--
	2-Methylphenol (o-Cresol)	--	--	--	--	--	--	ND	--	ND	--
	2-Nitroaniline	--	--	--	--	ND	--	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	--	--	--	--	ND	--	ND	ND	ND	ND
	3-Nitroaniline	--	--	--	--	ND	--	ND	ND	ND	ND
	4,6-Dinitro-2-methylphenol	--	--	--	--	--	--	ND	--	ND	--
	4-Bromophenyl phenyl ether	--	--	--	--	ND	--	ND	ND	ND	ND
	4-Chloro-3-methylphenol	--	--	--	--	--	--	ND	--	ND	--
	4-Chloroaniline	--	--	--	--	ND	--	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	--	--	--	--	ND	--	ND	ND	ND	ND
	4-Nitroaniline	--	--	--	--	ND	--	ND	ND	ND	ND
	4-Nitrophenol	--	--	--	--	--	--	ND	--	ND	--
	Acenaphthene	--	--	--	--	ND	--	ND	ND	ND	ND
	Acenaphthylene	--	--	--	--	ND	--	ND	ND	ND	ND
	Alachlor	--	--	--	--	--	ND	--	--	--	--
	Anthracene	--	--	--	--	ND	--	ND	ND	ND	ND
	Atrazine	--	--	--	--	--	ND	--	--	--	--
	Benzo(a)anthracene	--	--	--	--	ND	--	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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				Location ID:	H3-HIBI0670	H3-HIBI0690	H3-HYD1641A					H3-HYD1651A
				Location Type:	Residence	Residence	Hydrant					Hydrant
				Address:	670 Hibiscus Street	690 Hibiscus Street	Hydrant 1641					Hydrant 1651
				Field Sample ID:	220203H3ET05	220203H3GT03	220112-H3-ZT09	220112-H3-ZT11	220204H3IT01-1	220204H3IT02	220204H3IT02-1	220112-H3-ZT13
				Sample Date:	2022-02-03	2022-02-03	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-04	2022-01-12
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
				DOH Project Screening Level	Basis of Project Screening Level							
Method Group	Analyte											
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Benzo(g,h,i)perylene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Benzo(k)fluoranthene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Benzyl butyl phthalate	--	--	--	--	ND	--	ND	ND	ND	ND	
	Bis(2-chloroethoxy)methane	--	--	--	--	ND	--	ND	ND	ND	ND	
	Bis(2-chloroethyl) ether (2-Chloroethyl ether)	--	--	--	--	ND	--	ND	ND	ND	ND	
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND	
	Carbazole	--	--	--	--	ND	--	ND	ND	ND	ND	
	Chlordane	--	--	--	--	--	ND	--	--	--	--	
	Chrysene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Cresols, m- & p-	--	--	--	--	--	--	ND	--	ND	--	
	Dibenz(a,h)anthracene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Dibenzofuran	--	--	--	--	ND	--	ND	ND	ND	ND	
	Diethyl phthalate	--	--	--	--	ND	--	ND	ND	ND	ND	
	Dimethyl phthalate	--	--	--	--	ND	--	ND	ND	ND	ND	
	di-n-Butyl phthalate	--	--	--	--	ND	--	ND	ND	ND	ND	
	di-n-Octyl phthalate	--	--	--	--	ND	--	ND	0.220	ND	ND	
	Endrin	--	--	--	--	--	ND	--	--	--	--	
	Fluoranthene	--	--	--	--	ND	--	ND	ND	ND	ND	
	Fluorene	--	--	--	--	ND	--	ND	ND	ND	ND	
	gamma-BHC (Lindane)	--	--	--	--	--	ND	--	--	--	--	
	Heptachlor	--	--	--	--	--	ND	--	--	--	--	
	Heptachlor epoxide	--	--	--	--	--	ND	--	--	--	--	
	Hexachlorobenzene	--	--	--	--	ND	ND	ND	ND	ND	ND	
	Hexachlorobutadiene	--	--	--	--	ND	--	ND	ND	ND	ND	

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				Location ID:	H3-HIBI0670		H3-HIBI0690	H3-HYD1641A					H3-HYD1651A
				Location Type:	Residence		Residence	Hydrant					Hydrant
				Address:	670 Hibiscus Street		690 Hibiscus Street	Hydrant 1641					Hydrant 1651
				Field Sample ID:	220203H3ET05		220203H3GT03	220112-H3-ZT09	220112-H3-ZT11	220204H3IT01-1	220204H3IT02	220204H3IT02-1	220112-H3-ZT13
				Sample Date:	2022-02-03		2022-02-03	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-04	2022-01-12
				Sample Type:	N (Normal)		N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Synthetic Organic Compounds (ppb)	Hexachlorocyclopentadiene	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	Indeno(1,2,3-c,d)pyrene	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	Isophorone	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	Methoxychlor	--	--	--	--	--	ND	--	--	--	--	--	--
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Nitrobenzene	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	N-Nitrosodi-n-propylamine	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	N-Nitrosodiphenylamine	--	--	--	--	ND	--	ND	--	ND	ND	ND	ND
	PCB, Total	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1016 (Aroclor 1016)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1221 (Aroclor 1221)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1232 (Aroclor 1232)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1242 (Aroclor 1242)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1248 (Aroclor 1248)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1254 (Aroclor 1254)	--	--	--	--	--	ND	--	--	--	--	--	--
	PCB-1260 (Aroclor 1260)	--	--	--	--	--	ND	--	--	--	--	--	--
	Pentachlorophenol	1	MCL	--	--	--	ND	ND	--	--	ND	--	--
	Phenanthrene	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Phenol	--	--	--	--	--	--	ND	--	--	ND	--	--
	Pyrene	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND
	Simazine	--	--	--	--	--	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	--	--	--	--	--	--



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		Location ID:		H3-HIBI0670	H3-HIBI0690			H3-HYD1641A				H3-HYD1651A
		Location Type:		Residence	Residence			Hydrant				Hydrant
		Address:		670 Hibiscus Street	690 Hibiscus Street			Hydrant 1641				Hydrant 1651
		Field Sample ID:		220203H3ET05	220203H3GT03	220112-H3-ZT09	220112-H3-ZT11	220204H3IT01-1	220204H3IT02	220204H3IT02-1		220112-H3-ZT13
		Sample Date:		2022-02-03	2022-02-03	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-04		2022-01-12
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	FD (Field Duplicate)		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	--	--	--		--
	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	--	--	--		--

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		Location ID:		H3-HYD1651A			H3-HYD1676A				H3-JUST0171
		Location Type:		Hydrant			Hydrant				Residence
		Address:		Hydrant 1651			Hydrant 1676				171 Justicia Place
		Field Sample ID:		220112-H3-ZT15	220204H3IT03	220204H3IT03-1	220112-H3-ZT05	220112-H3-ZT07	220204H3IT04	220204H3IT04-1	220201H3BT02
		Sample Date:		2022-01-12	2022-02-04	2022-02-04	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	265	--	--	--	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)	--	--	ND	--	--	ND	ND	--	--	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	--	--	ND	ND	--	--	ND
Metals (ppb)	Antimony	6	MCL	0.193	--	--	--	ND	--	--	ND
	Arsenic	10	MCL	0.302	--	--	--	0.454	--	--	ND
	Barium	2000	MCL	2.45	--	--	--	2.51	--	--	2.80
	Beryllium	4	MCL	ND	--	--	--	ND	--	--	ND
	Cadmium	5	MCL	ND	--	--	--	ND	--	--	ND
	Chromium	100	MCL	1.52	--	--	--	1.58	--	--	ND
	Copper	1300	MCL	14.5	--	--	--	5.37	--	--	31.1
	Lead	15	MCL	1.23	--	--	--	0.538	--	--	0.270
	Mercury	2	MCL	ND	--	--	--	ND	--	--	ND
	Selenium	50	MCL	1.51	--	--	--	2.20	--	--	ND
	Thallium	2	MCL	ND	--	--	--	ND	--	--	ND
Synthetic Organic Compounds (ppb)	1,2,4-Trichlorobenzene	70	MCL	--	ND	ND	ND	--	ND	ND	--
	1,2-Dichlorobenzene	600	MCL	--	ND	ND	ND	--	ND	ND	--
	1,3-Dichlorobenzene	--	--	--	ND	ND	ND	--	ND	ND	--
	1,4-Dichlorobenzene	75	MCL	--	ND	ND	ND	--	ND	ND	--
	1-Methylnaphthalene	10	EAL	ND	--	--	--	ND	--	--	ND
	2,4,5-Trichlorophenol	--	--	--	--	ND	--	--	--	ND	--
	2,4,6-Trichlorophenol	--	--	--	--	ND	--	--	--	ND	--
	2,4-Dichlorophenol	--	--	--	--	ND	--	--	--	ND	--
	2,4-Dimethylphenol	--	--	--	--	ND	--	--	--	ND	--

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		Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:			H3-HYD1651A Hydrant Hydrant 1651 220112-H3-ZT15 2022-01-12 N (Normal)			H3-HYD1676A Hydrant Hydrant 1676 220112-H3-ZT05 2022-01-12 N (Normal)				H3-JUST0171 Residence 171 Justicia Place 220201H3BT02 2022-02-01 N (Normal)
		DOH Project Screening Level	Basis of Project Screening Level									
Method Group	Analyte											
Synthetic Organic Compounds (ppb)	2,4-Dinitrophenol	--	--	--	--	ND	--	--	--	ND	--	
	2,4-Dinitrotoluene	--	--	--	ND	ND	ND	--	ND	ND	--	
	2,6-Dinitrotoluene	--	--	--	ND	ND	ND	--	ND	ND	--	
	2-Chloronaphthalene	--	--	--	ND	ND	ND	--	ND	ND	--	
	2-Chlorophenol	--	--	--	--	ND	--	--	--	ND	--	
	2-Ethylhexyl adipate	--	--	ND	--	--	--	ND	--	--	--	
	2-Methylnaphthalene	10	EAL	ND	--	--	--	ND	--	--	ND	
	2-Methylphenol (o-Cresol)	--	--	--	--	ND	--	--	--	ND	--	
	2-Nitroaniline	--	--	--	ND	ND	ND	--	ND	ND	--	
	3,3'-Dichlorobenzidine	--	--	--	ND	ND	ND	--	ND	ND	--	
	3-Nitroaniline	--	--	--	ND	ND	ND	--	ND	ND	--	
	4,6-Dinitro-2-methylphenol	--	--	--	--	ND	--	--	--	ND	--	
	4-Bromophenyl phenyl ether	--	--	--	ND	ND	ND	--	ND	ND	--	
	4-Chloro-3-methylphenol	--	--	--	--	ND	--	--	--	ND	--	
	4-Chloroaniline	--	--	--	ND	ND	ND	--	ND	ND	--	
	4-Chlorophenyl phenyl ether	--	--	--	ND	ND	ND	--	ND	ND	--	
	4-Nitroaniline	--	--	--	ND	ND	ND	--	ND	ND	--	
	4-Nitrophenol	--	--	--	--	ND	--	--	--	ND	--	
	Acenaphthene	--	--	--	ND	ND	ND	--	ND	ND	--	
	Acenaphthylene	--	--	--	ND	ND	ND	--	ND	ND	--	
	Alachlor	--	--	ND	--	--	--	ND	--	--	--	
	Anthracene	--	--	--	ND	ND	ND	--	ND	ND	--	
	Atrazine	--	--	ND	--	--	--	ND	--	--	--	
	Benzo(a)anthracene	--	--	--	ND	ND	ND	--	ND	ND	--	
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND	

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		Location ID:		H3-HYD1651A			H3-HYD1676A				H3-JUST0171
		Location Type:		Hydrant			Hydrant				Residence
		Address:		Hydrant 1651			Hydrant 1676				171 Justicia Place
		Field Sample ID:		220112-H3-ZT15	220204H3IT03	220204H3IT03-1	220112-H3-ZT05	220112-H3-ZT07	220204H3IT04	220204H3IT04-1	220201H3BT02
		Sample Date:		2022-01-12	2022-02-04	2022-02-04	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Benzo(b)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(g,h,i)perylene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzo(k)fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
	Benzyl butyl phthalate	--	--	--	ND	ND	1.00	--	1.30	1.10	--
	Bis(2-chloroethoxy)methane	--	--	--	ND	ND	ND	--	ND	ND	--
	Bis(2-chloroethyl) ether (2-Chloroethyl ether)	--	--	--	ND	ND	ND	--	ND	ND	--
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Carbazole	--	--	--	ND	ND	ND	--	ND	ND	--
	Chlordane	--	--	ND	--	--	--	ND	--	--	--
	Chrysene	--	--	--	ND	ND	ND	--	ND	ND	--
	Cresols, m- & p-	--	--	--	--	ND	--	--	--	ND	--
	Dibenz(a,h)anthracene	--	--	--	ND	ND	ND	--	ND	ND	--
	Dibenzofuran	--	--	--	ND	ND	ND	--	ND	ND	--
	Diethyl phthalate	--	--	--	ND	ND	ND	--	ND	ND	--
	Dimethyl phthalate	--	--	--	ND	ND	ND	--	ND	ND	--
	di-n-Butyl phthalate	--	--	--	ND	ND	ND	--	ND	ND	--
	di-n-Octyl phthalate	--	--	--	ND	0.160	ND	--	ND	ND	--
	Endrin	--	--	ND	--	--	--	ND	--	--	--
	Fluoranthene	--	--	--	ND	ND	ND	--	ND	ND	--
	Fluorene	--	--	--	ND	ND	ND	--	ND	ND	--
	gamma-BHC (Lindane)	--	--	ND	--	--	--	ND	--	--	--
	Heptachlor	--	--	ND	--	--	--	ND	--	--	--
	Heptachlor epoxide	--	--	ND	--	--	--	ND	--	--	--
	Hexachlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	--
	Hexachlorobutadiene	--	--	--	ND	ND	ND	--	ND	ND	--

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		Location ID:		H3-HYD1651A			H3-HYD1676A				H3-JUST0171
		Location Type:		Hydrant			Hydrant				Residence
		Address:		Hydrant 1651			Hydrant 1676				171 Justicia Place
		Field Sample ID:		220112-H3-ZT15	220204H3IT03	220204H3IT03-1	220112-H3-ZT05	220112-H3-ZT07	220204H3IT04	220204H3IT04-1	220201H3BT02
		Sample Date:		2022-01-12	2022-02-04	2022-02-04	2022-01-12	2022-01-12	2022-02-04	2022-02-04	2022-02-01
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Synthetic Organic Compounds (ppb)	Hexachlorocyclopentadiene	--	--	ND	ND	ND	ND	ND	ND	ND	--
	Hexachloroethane	--	--	--	ND	ND	ND	--	ND	ND	--
	Indeno(1,2,3-c,d)pyrene	--	--	--	ND	ND	ND	--	ND	ND	--
	Isophorone	--	--	--	ND	ND	ND	--	ND	ND	--
	Methoxychlor	--	--	ND	--	--	--	ND	--	--	--
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND	ND
	Nitrobenzene	--	--	--	0.0420	ND	ND	--	ND	ND	--
	N-Nitrosodi-n-propylamine	--	--	--	ND	ND	ND	--	ND	ND	--
	N-Nitrosodiphenylamine	--	--	--	ND	ND	ND	--	ND	ND	--
	PCB, Total	--	--	ND	--	--	--	ND	--	--	--
	PCB-1016 (Aroclor 1016)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1221 (Aroclor 1221)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1232 (Aroclor 1232)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1242 (Aroclor 1242)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1248 (Aroclor 1248)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1254 (Aroclor 1254)	--	--	ND	--	--	--	ND	--	--	--
	PCB-1260 (Aroclor 1260)	--	--	ND	--	--	--	ND	--	--	--
	Pentachlorophenol	1	MCL	ND	--	ND	--	ND	--	ND	--
	Phenanthrene	--	--	--	ND	ND	ND	--	ND	ND	--
	Phenol	--	--	--	--	ND	--	--	--	ND	--
	Pyrene	--	--	--	ND	ND	ND	--	ND	ND	--
	Simazine	--	--	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

Summary of Chemistry Results  
Zone H3 Post Residential and Non-Residential Flushing Data  
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				Location ID: Location Type: Address: Field Sample ID: Sample Date: Sample Type:			H3-HYD1651A Hydrant Hydrant 1651 220112-H3-ZT15 2022-01-12 N (Normal)			H3-HYD1676A Hydrant Hydrant 1676 220112-H3-ZT05 2022-01-12 N (Normal)			H3-JUST0171 Residence 171 Justicia Place 220201H3BT02 2022-02-01 N (Normal)	

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

		Location ID:		H3-JUST0171	H3-KOAP0116	H3-MACD0161	H3-OCTO0131	H3-OCTO0145	H3-OCTO0162	H3-OLIV0114	
		Location Type:		Residence	Residence	Residence	Residence	Residence	Residence	Residence	
		Address:		171 Justicia Place	116 Koa Place	161 MacDonald Place	131 Octopus Lane	145 Octopus Lane	162 Octopus Lane	114 Olive Place	
		Field Sample ID:		220201H3BT03	220201H3BT04	220202H3KT02	220131H3BT08	220130H3CT01	220203H3DT05	220130H3KT02	220130H3KT03
		Sample Date:		2022-02-01	2022-02-01	2022-02-02	2022-01-31	2022-01-30	2022-02-03	2022-01-30	2022-01-30
		Sample Type:		FD (Field Duplicate)	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								
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	2280 §	ND	ND	1670	7480 §	ND	ND	3110 §
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	ND	ND	ND	ND	ND	ND	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	2.80	2.60	2.60	2.90	3.20	2.50	2.90	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	4.00	1.30	1.70	1.50	1.80	1.50	1.50	1.50
	Copper	1300	MCL	33.6	86.6	23.4	52.4	21.6	12.7	12.0	12.0
	Lead	15	MCL	0.250	0.440	0.190	ND	0.710	0.190	0.410	0.410
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	0.0560	ND
	Selenium	50	MCL	ND	ND	ND	ND	1.40	ND	ND	ND
	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	ND	ND	ND	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
	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

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				Location ID:	H3-JUST0171	H3-KOAP0116	H3-MACD0161	H3-OCTO0131	H3-OCTO0145	H3-OCTO0162	H3-OLIV0114	
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	
				Address:	171 Justicia Place	116 Koa Place	161 MacDonald Place	131 Octopus Lane	145 Octopus Lane	162 Octopus Lane	114 Olive Place	
				Field Sample ID:	220201H3BT03	220201H3BT04	220202H3KT02	220131H3BT08	220130H3CT01	220203H3DT05	220130H3KT02	220130H3KT03
				Sample Date:	2022-02-01	2022-02-01	2022-02-02	2022-01-31	2022-01-30	2022-02-03	2022-01-30	2022-01-30
				Sample Type:	FD (Field Duplicate)	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									
Volatile Organic Compounds (ppb)	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:		H3-OLIV0131	H3-OLIV0144	H3-POIN0167		H3-POIN2004	H3-POIN2005	H3-POIN2011	H3-POIN2012
		Location Type:		Residence	Residence	Residence		Residence	Residence	Residence	Residence
		Address:		131 Olive Place	144 Olive Place	167 Poincana Place		2004 Point Welcome Place	2005 Point Welcome Place	2011 Point Welcome Place	2012 Point Welcome Place
		Field Sample ID:		220201H3AT01	220202H3KT01	220129H3IT07	220131H3KT07	220201H3AT03	220201H3BT01	220203H3DT04	220203H3DT03
		Sample Date:		2022-02-01	2022-02-02	2022-01-29	2022-01-31	2022-02-01	2022-02-01	2022-02-03	2022-02-03
		Sample Type:		N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)	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	2400 §	1530	ND	560	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)	--	--	ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)	--	--	180	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	211	ISP	180	ND	ND	ND	ND	ND	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	2.70	2.40	3.40	3.00	3.10	3.10	3.10	3.20
	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	2.60	1.50	1.90	1.40	2.30	ND	1.70	1.80
	Copper	1300	MCL	19.2	13.9	44.0	45.3	63.5	70.7	43.5	25.4
	Lead	15	MCL	0.510	0.350	0.410	0.350	ND	ND	ND	0.260
	Mercury	2	MCL	ND	ND	0.0780	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	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	ND	ND	ND	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
	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

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Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level	Location ID:	H3-OLIV0131	H3-OLIV0144	H3-POIN0167		H3-POIN2004	H3-POIN2005	H3-POIN2011	H3-POIN2012
				Location Type:	Residence	Residence	Residence		Residence	Residence	Residence	Residence
				Address:	131 Olive Place	144 Olive Place	167 Poincana Place		2004 Point Welcome Place	2005 Point Welcome Place	2011 Point Welcome Place	2012 Point Welcome Place
				Field Sample ID:	220201H3AT01	220202H3KT01	220129H3IT07	220131H3KT07	220201H3AT03	220201H3BT01	220203H3DT04	220203H3DT03
				Sample Date:	2022-02-01	2022-02-02	2022-01-29	2022-01-31	2022-02-01	2022-02-01	2022-02-03	2022-02-03
				Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (72 Hour Stagnation)	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-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	0.130	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:	H3-POIN2025	H3-POIN2122	H3-SASS1503	H3-SHOW0108	H3-SHOW0126	H3-SHOW0146	H3-SHOW0183	H3-SHOW0223
		Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
		Address:	2025 Point Welcome Place	2122 Point Welcome Place	1503 Sassafras Drive	108 Shower Place	126 Shower Place	146 Shower Place	183 Shower Place	223 Shower Place
		Field Sample ID:	220130H3LT03	220130H3LT02	220130H3KT04	220130H3KT01	220130H3JT03	220201H3AT02	220204H3GT01	220202H3GT06
		Sample Date:	2022-01-30	2022-01-30	2022-01-30	2022-01-30	2022-01-30	2022-02-01	2022-02-04	2022-02-02
		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	1550	ND	ND	1890	1740	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	ND	ND	ND	ND	ND
	Barium	2000	MCL	4.10	3.50	3.60	2.70	2.60	2.60	2.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.60	1.60	1.70	1.40	1.50	2.40	1.80
	Copper	1300	MCL	31.0	49.0	36.0	13.0	5.40	8.40	17.4
	Lead	15	MCL	0.110	0.700	1.10	0.890	0.340	0.650	0.140
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	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	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND

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				Location ID:	H3-POIN2025	H3-POIN2122	H3-SASS1503	H3-SHOW0108	H3-SHOW0126	H3-SHOW0146	H3-SHOW0183	H3-SHOW0223
				Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Residence	Residence
				Address:	2025 Point Welcome Place	2122 Point Welcome Place	1503 Sassafras Drive	108 Shower Place	126 Shower Place	146 Shower Place	183 Shower Place	223 Shower Place
				Field Sample ID:	220130H3LT03	220130H3LT02	220130H3KT04	220130H3KT01	220130H3JT03	220201H3AT02	220204H3GT01	220202H3GT06
				Sample Date:	2022-01-30	2022-01-30	2022-01-30	2022-01-30	2022-01-30	2022-02-01	2022-02-04	2022-02-02
				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-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

Summary of Chemistry Results  
Zone H3 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 H3

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:		H3-SHOW0251		H3-VALL0485				H3-VALL0595
		Location Type:		Residence		Residence				Residence
		Address:		251 Shower Place		485 Valley View Loop				595 Valley View Loop
		Field Sample ID:		220202H3GT04	220202H3GT05	220129H3IT01	220129H3IT02	220131H3KT01	220131H3KT02	220204H3GT03
		Sample Date:		2022-02-02	2022-02-02	2022-01-29	2022-01-29	2022-01-31	2022-01-31	2022-02-04
		Sample Type:		N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (72 Hour Stagnation)	FD (72 Hour Stagnation)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	1680	ND	1550	ND	ND	1700
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	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.40	2.50	3.00	2.90	2.80	3.00	2.40
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.50	2.80	1.80	1.80	1.40	1.40	1.70
	Copper	1300	MCL	9.30	16.5	11.0	11.0	18.4	18.4	14.5
	Lead	15	MCL	0.280	4.10	0.290	0.320	0.870	0.950	0.340
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND
	Thallium	2	MCL	0.0750	ND	ND	ND	0.120	ND	ND
Synthetic Organic Compounds (ppb)	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	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND	ND	ND

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		Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	FD (Field Duplicate)	N (72 Hour Stagnation)	FD (72 Hour Stagnation)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Volatile Organic Compounds (ppb)	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	ND
	m,p-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND
	o-Xylene	--	--	ND	ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND