Notes:
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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:	A3-DOVE5706						
			Location Type:	Residence					
			Address:						
			Field Sample ID:	A3-TW-0016460- 22342-N	A3-TW-0016460- 22342-N-1	A3-TW-0016460- 22342-N-2	A3-TW-0016460- 22342-N-R1		
			Sample Date:	2023-04-25	2023-05-04	2023-05-04	2023-05-04		
			Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level						
Field Test (ppb)	Free Chlorine	4000	MCL	630	240-400	240-400	240-400		
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND					
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND					
	Petroleum Hydrocarbons (as Gasoline)			ND					
	Petroleum Hydrocarbons (as Motor Oil)			ND					
	Petroleum Hydrocarbons, Total	266	ISP	ND					
Metals (ppb)	Antimony	6	MCL	ND					
	Arsenic	10	MCL	ND					
	Barium	2000	MCL	2.10					
	Beryllium	4	MCL	ND					
	Cadmium	5	MCL	ND					
	Chromium	100	MCL	1.50					
	Copper	1300	MCL	32.9					
	Lead	15	MCL	0.400					
	Mercury	2	MCL	ND					
	Selenium	50	MCL	ND					
	Thallium	2	MCL	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	6.90 §	ND	ND	ND		
	Naphthalene	17	EAL	ND	ND	ND	ND		
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane			ND					
	1,1,2-Trichloroethane	5	MCL	ND					
	1,1-Dichloroethene	7	MCL	ND			-		

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

		,	Location ID:	D: A3-DOVE5706						
			Location Type:	: 5706 Dovekie Avenue						
			Address:							
			Field Sample ID:	A3-TW-0016460- 22342-N	A3-TW-0016460- 22342-N-1	A3-TW-0016460- 22342-N-2	A3-TW-0016460- 22342-N-R1			
			Sample Date:	2023-04-25	2023-05-04	2023-05-04	2023-05-04			
			Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Volatile Organic Compounds (ppb)	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						
	Dibromoacetic acid			ND						
	Dichloroacetic acid			ND						

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			Location ID:	A3-DOVE5706						
			Location Type:	Residence						
			Address:	5706 Dovekie Avenue						
			Field Sample ID:	A3-TW-0016460- 22342-N	A3-TW-0016460- 22342-N-1	A3-TW-0016460- 22342-N-2	A3-TW-0016460- 22342-N-R1			
			Sample Date:	2023-04-25	2023-05-04	2023-05-04	2023-05-04			
			Sample Type:	N (Normal)	N (Grab, Resample)	N (Grab, Resample)	N (Grab, Resample)			
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level							
Haloacetic Acids (ppb)	Trichloroacetic acid			ND						
	Total Haloacetic acids	60	MCL	ND						
Trihalomethanes (ppb)	Bromodichloromethane			ND						
	Bromoform			0.340						
	Chloroform			ND						
	Dibromochloromethane			ND						
	Total Trihalomethanes	80	MCL	0.340						

A3-101S6436

A3-102S6446

A3-102S6447B

A3-102S6450

A3-101S6411A

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ib.	A3-10130303	A3-10	130309	A3-10130411A	A3-10130430	A3-10230440	A3-10230447B	A3-10230430
			Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence
			Address:	6385 101st Street	6389 10	1st Street	6411A 101st Street	6436 101st Street	6446 102nd Street	6447B 102nd Street	6450 102nd Street
			Field Sample ID:	A3-TW-0016477- 22342-N	A3-TW-0017248- 22342-3-N	A3-TW-0017248- 22342-N	A3-TW-0017259- 22342-N	A3-TW-0016665- 22342-N	A3-TW-0016675- 22342-N	A3-TW-0016677- 22342-N	A3-TW-0016678- 22342-N
			Sample Date:	2023-03-20	2023-04-14	2023-04-14	2023-03-20	2023-03-20	2023-01-24	2023-01-24	2023-04-12
			Sample Type:	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	480	440	440	410	460	390	390	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			74.4	ND	ND	ND	68.5	ND	ND	66.6
	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	266	ISP	74.4	ND	ND	ND	68.5	ND	ND	66.6
Metals (ppb)	Antimony	6	MCL	ND	0.110	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	1.90	2.00	1.90	1.90	1.90	1.90	2.00	2.10
	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	2.20	1.50	1.50	2.30	2.40	ND	ND	1.60
	Copper	1300	MCL	21.6	33.7	38.3	25.1	35.2	9.40	26.1	11.7
	Lead	15	MCL	0.400	0.390	0.320	0.140	0.380	0.170	0.240	0.280
	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	0.0620	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

A3-101S6389

Location ID:

A3-101S6385

otes:	
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Results shown in Parts per Billion (ppb)	
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				Location ID:	A3-101S6385	A3-101S6389		A3-101S6411A	A3-101S6436	A3-102S6446	A3-102S6447B	A3-102S6450
Properties of the stands of th				Location Type:	Residence	Resi	Residence		Residence	Residence	Residence	Residence
				Address:	6385 101st Street	6389 10	1st Street	6411A 101st Street	6436 101st Street	6446 102nd Street	6447B 102nd Street	6450 102nd Street
Note				Field Sample ID:			A3-TW-0017248- 22342-N	A3-TW-0017259- 22342-N	A3-TW-0016665- 22342-N			A3-TW-0016678- 22342-N
Method Group Analyse Del Project Level Balsio Freyeric Level Veryer Veryer <t< th=""><th></th><th></th><th></th><th>Sample Date:</th><th>2023-03-20</th><th>2023-04-14</th><th>2023-04-14</th><th>2023-03-20</th><th>2023-03-20</th><th>2023-01-24</th><th>2023-01-24</th><th>2023-04-12</th></t<>				Sample Date:	2023-03-20	2023-04-14	2023-04-14	2023-03-20	2023-03-20	2023-01-24	2023-01-24	2023-04-12
Index of the Composition of Michael Profession of Michael Profess				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
1-2-Definitionabername 600 MCl ND ND ND ND ND ND ND N		Analyte	Screening	Screening Level								
101chioroethener (Total) 1.0	Volatile Organic Compounds (ppb)		70									
1,2-Dichlorophroping		1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND		
Pacification of the content of the			5									
Part		<u> </u>										
Perzene		1,2-Dichloropropane	5	MCL								
Cation Tetrachloride 5 MCI ND ND <td></td> <td>1,4-Dichlorobenzene</td> <td>75</td> <td>MCL</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td></td> <td></td>		1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND	ND		
Price Pric		Benzene	5							ND		
Full Registration Full		Carbon Tetrachloride										
Ethylbenzene 700 MCL ND ND ND ND ND ND ND N		Chlorobenzene	100									
Methylene chloride		cis-1,2-Dichloroethene	70	MCL						ND		
Methylene chloride 5 MCL ND ND ND ND ND ND ND N		Ethylbenzene	700	MCL	ND					ND		
o-Xylene ND		m,p-Xylene			ND	ND	ND	ND	ND	ND		
Syrene 100 MCL ND ND ND ND ND ND ND N		Methylene chloride	5	MCL	ND	ND	ND	ND	ND	ND		
Fetabloroethene (PCE) 5 MCL ND ND </td <td></td> <td>o-Xylene</td> <td></td> <td></td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td></td> <td></td>		o-Xylene			ND	ND	ND	ND	ND	ND		
Foliune 1000 MCL ND ND ND ND ND ND ND N		Styrene	100	MCL	ND	ND	ND	ND	ND	ND		
Inas-1,2-Dichloroethene 100 MCL ND		Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND	ND		
Trichloroethene (TCE) 5 MCL ND ND ND ND ND ND ND N		Toluene	1000	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride 2 MCL ND ND ND ND ND ND ND N		trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND	ND		
Xylenes, Total 10000 MCL ND		Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND	ND		
Haloacetic Acids (ppb) Bromoacetic acid ND		Vinyl chloride	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Chloroacetic acid ND		Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND	ND		
Dibromoacetic acid ND	Haloacetic Acids (ppb)	Bromoacetic acid			ND	ND	ND	ND	ND	ND		
		Chloroacetic acid			ND	ND	ND	ND	ND	ND		
Dichloroacetic acid ND		Dibromoacetic acid			ND	ND	ND	ND	ND	ND	ND	ND
		Dichloroacetic acid			ND	ND	ND	ND	ND	ND	ND	ND

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				A3-101S6385	A3-10	A3-101S6389		A3-101S6436	A3-102S6446	A3-102S6447B	A3-102S6450	
		ι	Location Type:	Residence	Resi	idence	Residence	Residence	Residence	Residence	Residence	
			Address:	6385 101st Street	6389 10	1st Street	6411A 101st Street	6436 101st Street	6446 102nd Street	6447B 102nd Street	6450 102nd Street	
			Field Sample ID:	A3-TW-0016477- 22342-N	A3-TW-0017248- 22342-3-N	A3-TW-0017248- 22342-N	A3-TW-0017259- 22342-N	A3-TW-0016665- 22342-N	A3-TW-0016675- 22342-N	A3-TW-0016677- 22342-N	A3-TW-0016678- 22342-N	
			Sample Date:	2023-03-20	2023-04-14	2023-04-14	2023-03-20	2023-03-20	2023-01-24	2023-01-24	2023-04-12	
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	ND	ND	ND	ND	ND	1
Trihalomethanes (ppb)	Bromodichloromethane			ND	ND	ND	ND	ND	ND	ND	ND	
	Bromoform			ND	ND	0.300	0.360	0.380	0.290	0.360	0.650	
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND	
	Dibromochloromethane			ND	ND	ND	0.290	0.280	ND	0.260	0.350	
	Total Trihalomethanes	80	MCL	ND	ND	0.300	0.650	0.660	0.290	0.620	1.00	1

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ID:	A3-102S6452A	A3-102S6455A	A3-103S6495B	A3-103S6502A	A3-103S6507	A3-103S6511B	Δ3-10	3S6516
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence		dence
				6452A 102nd Street				6507 103rd Street			
			Address:		6455A 102nd Street	6495B 103rd Street	6502A 103rd Street		6511B 103rd Street		3rd Street
			Field Sample ID:	A3-TW-0016681- 22342-N	A3-TW-0016683- 22342-N	A3-TW-0016113- 22342-N	A3-TW-0016118- 22342-N	A3-TW-0016121- 22342-N	A3-TW-0016379- 22342-N	A3-TW-0016381- 22342-3-N	A3-TW-0016381- 22342-N
			Sample Date:	2023-03-20	2023-03-15	2023-04-13	2023-03-20	2023-04-12	2023-04-12	2023-04-12	2023-04-12
			Sample Type:	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	410	550	360	480	390	150	400	400
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			77.8	ND	65.2	ND	67.2	52.1	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND						
	Petroleum Hydrocarbons, Total	266	ISP	77.8	ND	65.2	ND	67.2	52.1	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	1.90	2.00	2.00	1.90	2.00	2.00	2.10	2.00
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	2.40	1.60	ND	2.80	1.50	1.60	1.50	1.60
	Copper	1300	MCL	19.3	36.7	24.3	25.2	14.1	71.1	21.9	21.2
	Lead	15	MCL	0.240	0.360	0.250	0.400	0.230	0.670	0.310	0.350
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
	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	0.0140						
	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						

A3-103S6507

A3-103S6511B

A3-103S6516

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ib.	A3-10230432A	A3-10230433A	A3-10330433D	A3-10330302A	A3-10330301	A3-10330311B	A3-10	330310
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	dence
			Address:	6452A 102nd Street	6455A 102nd Street	6495B 103rd Street	6502A 103rd Street	6507 103rd Street	6511B 103rd Street	6516 10	3rd Street
			Field Sample ID:	A3-TW-0016681- 22342-N	A3-TW-0016683- 22342-N	A3-TW-0016113- 22342-N	A3-TW-0016118- 22342-N	A3-TW-0016121- 22342-N	A3-TW-0016379- 22342-N	A3-TW-0016381- 22342-3-N	A3-TW-0016381- 22342-N
			Sample Date:	2023-03-20	2023-03-15	2023-04-13	2023-03-20	2023-04-12	2023-04-12	2023-04-12	2023-04-12
			Sample Type:	N (Normal)	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						
	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						

A3-102S6455A

A3-103S6495B

A3-103S6502A

Location ID:

A3-102S6452A

Notes:	
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= No Information Available	
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N (Grab, Resample) = Additional follow-up sample	

			Location ID:	A3-102S6452A	A3-102S6455A	A3-103S6495B	A3-103S6502A	A3-103S6507	A3-103S6511B	A3-103	3S6516
				Residence	Residence	Residence	Residence	Residence	Residence	Resid	dence
			Address:	6452A 102nd Street	6455A 102nd Street	6495B 103rd Street	6502A 103rd Street	6507 103rd Street	6511B 103rd Street	6516 103	Brd Street
			Field Sample ID:	A3-TW-0016681- 22342-N	A3-TW-0016683- 22342-N	A3-TW-0016113- 22342-N	A3-TW-0016118- 22342-N	A3-TW-0016121- 22342-N	A3-TW-0016379- 22342-N	A3-TW-0016381- 22342-3-N	A3-TW-0016381- 22342-N
			Sample Date:	2023-03-20	2023-03-15	2023-04-13	2023-03-20	2023-04-12	2023-04-12	2023-04-12	2023-04-12
			Sample Type:	N (Normal)	FD (Field Duplicate)	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			0.290	ND	0.250	0.280	0.490	0.350	0.360	ND
	Chloroform			ND	ND						
	Dibromochloromethane			0.300	ND	ND	0.280	0.330	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.590	ND	0.250	0.560	0.820	0.350	0.360	ND

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:	
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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:	A3-103S6530B	A3-103S6531A	A3-103S6534B	A3-103S6535A	A3-103S6540	A3-104S6543B	A3-104S6553	A3-104S6571B
			Location Type:	Residence							
			Address:	6530B 103rd Street	6531A 103rd Street	6534B 103rd Street	6535A 103rd Street	6540 103rd Street	6543B 104th Street	6553 104th Street	6571B 104th Street
			Field Sample ID:	A3-TW-0016392- 22342-N	A3-TW-0016393- 22342-N	A3-TW-0016396- 22342-N	A3-TW-0016397- 22342-N	A3-TW-0016399- 22342-N	A3-TW-0016402- 22342-N	A3-TW-0016406- 22342-N	A3-TW-0017386- 22342-3-N
			Sample Date:	2023-04-14	2023-02-14	2023-04-13	2023-01-24	2023-04-13	2023-03-15	2023-03-15	2023-01-24
			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	310	360	470	370	540	610	460	220
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			56.8	ND	ND	ND	58.4	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	56.8	ND	ND	ND	58.4	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	0.110	ND
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.00	2.00	1.90	2.10	2.00	2.10	2.00	2.10
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.40	1.90	ND	ND	ND	1.60	1.60	ND
	Copper	1300	MCL	15.1	17.6	14.0	20.5	13.8	29.1	20.6	56.0
	Lead	15	MCL	0.190	0.180	0.180	0.190	0.310	0.270	0.570	0.440
	Mercury	2	MCL	0.0310	ND						
	Selenium	50	MCL	ND							
	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							
	1,1-Dichloroethene	7	MCL	ND							

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

otes:
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l Results shown in Parts per Billion (ppb)
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(Normal) = Full compliance sample
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(Grab, Resample) = Additional follow-up sample

		,	Location ID:	A3-103S6530B	A3-103S6531A	A3-103S6534B	A3-103S6535A	A3-103S6540	A3-104S6543B	A3-104S6553	A3-104S6571B
			Location Type:	Residence							
			Address:	6530B 103rd Street	6531A 103rd Street	6534B 103rd Street	6535A 103rd Street	6540 103rd Street	6543B 104th Street	6553 104th Street	6571B 104th Street
			Field Sample ID:	A3-TW-0016392- 22342-N	A3-TW-0016393- 22342-N	A3-TW-0016396- 22342-N	A3-TW-0016397- 22342-N	A3-TW-0016399- 22342-N	A3-TW-0016402- 22342-N	A3-TW-0016406- 22342-N	A3-TW-0017386- 22342-3-N
			Sample Date:	2023-04-14	2023-02-14	2023-04-13	2023-01-24	2023-04-13	2023-03-15	2023-03-15	2023-01-24
			Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2,4-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							
	Dibromoacetic acid			ND							
	Dichloroacetic acid			ND							

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			Location ID:	A3-103S6530B	A3-103S6531A	A3-103S6534B	A3-103S6535A	A3-103S6540	A3-104S6543B	A3-104S6553	A3-104S6571B
			Location Type:	Residence							
			Address:	6530B 103rd Street	6531A 103rd Street	6534B 103rd Street	6535A 103rd Street	6540 103rd Street	6543B 104th Street	6553 104th Street	6571B 104th Street
			Field Sample ID:	A3-TW-0016392- 22342-N	A3-TW-0016393- 22342-N	A3-TW-0016396- 22342-N	A3-TW-0016397- 22342-N	A3-TW-0016399- 22342-N	A3-TW-0016402- 22342-N	A3-TW-0016406- 22342-N	A3-TW-0017386- 22342-3-N
			Sample Date:	2023-04-14	2023-02-14	2023-04-13	2023-01-24	2023-04-13	2023-03-15	2023-03-15	2023-01-24
			Sample Type:	N (Normal)	FD (Field Duplicate)						
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane			ND							
	Bromoform			1.20	0.350	ND	0.950	0.300	ND	ND	0.650
	Chloroform			ND							
	Dibromochloromethane			0.400	ND	ND	0.460	ND	ND	ND	0.480
	Total Trihalomethanes	80	MCL	1.60	0.350	ND	1.41	0.300	ND	ND	1.13

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		,	Location ID:	A3-104S6571B	A3-104S6580B	A3-104S6584A	A3-105S6613A	A3-105S6624	A3-105S6628B	A3-10	6S6643
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	dence
			Address:	6571B 104th Street	6580B 104th Street	6584A 104th Street	6613A 105th Street	6624 105th Street	6628B 105th Street	6643 10	6th Street
			Field Sample ID:	A3-TW-0017386- 22342-N	A3-TW-0017392- 22342-N	A3-TW-0017395- 22342-N	A3-TW-0017448- 22342-N	A3-TW-0017460- 22342-N	A3-TW-0017462- 22342-N	A3-TW-0016693- 22342-3-N	A3-TW-0016693- 22342-N
			Sample Date:	2023-01-24	2023-01-24	2023-04-13	2023-01-24	2023-04-12	2023-04-13	2023-03-20	2023-03-20
			Sample Type:	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	220	300	410	160	390	490	500	500
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	ND	58.0	ND	77.2	54.2	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND						
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	58.0	ND	77.2	54.2	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	2.00	2.00	2.00	2.00	2.00	1.90	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	ND	ND	ND	ND	1.40	ND	2.20	2.20
	Copper	1300	MCL	77.5	19.1	39.1	44.9	16.7	21.5	10.5	11.9
	Lead	15	MCL	0.890	0.260	0.280	0.270	0.280	0.480	0.140	0.150
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND						
	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	ND	ND	0.460	ND	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						

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	•										
		,	Location ID:	A3-104S6571B	A3-104S6580B	A3-104S6584A	A3-105S6613A	A3-105S6624	A3-105S6628B	A3-10	6S6643
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	dence
			Address:	6571B 104th Street	6580B 104th Street	6584A 104th Street	6613A 105th Street	6624 105th Street	6628B 105th Street	6643 10	6th Street
			Field Sample ID:	A3-TW-0017386- 22342-N	A3-TW-0017392- 22342-N	A3-TW-0017395- 22342-N	A3-TW-0017448- 22342-N	A3-TW-0017460- 22342-N	A3-TW-0017462- 22342-N	A3-TW-0016693- 22342-3-N	A3-TW-0016693- 22342-N
			Sample Date:	2023-01-24	2023-01-24	2023-04-13	2023-01-24	2023-04-12	2023-04-13	2023-03-20	2023-03-20
			Sample Type:	N (Normal)	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						
	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						
laloacetic Acids (ppb)	Bromoacetic acid			ND	ND						
	Chloroacetic acid			ND	ND						
	Dibromoacetic acid			ND	ND						
	Dichloroacetic acid			ND	ND						

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			Location ID:	A3-104S6571B	A3-104S6580B	A3-104S6584A Residence	A3-105S6613A Residence	A3-105S6624	A3-105S6628B	A3-106	6S6643
			Location Type:	Residence	Residence			Residence	Residence	Resid	dence
			Address:	6571B 104th Street	6580B 104th Street	6584A 104th Street	6613A 105th Street	6624 105th Street	6628B 105th Street	6643 10	6th Street
			Field Sample ID:	A3-TW-0017386- 22342-N	A3-TW-0017392- 22342-N	A3-TW-0017395- 22342-N	A3-TW-0017448- 22342-N	A3-TW-0017460- 22342-N	A3-TW-0017462- 22342-N	A3-TW-0016693- 22342-3-N	A3-TW-0016693- 22342-N
			Sample Date:	2023-01-24	2023-01-24	2023-04-13	2023-01-24	2023-04-12	2023-04-13	2023-03-20	2023-03-20
			Sample Type:	N (Normal)	FD (Field Duplicate)	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			0.510	0.290	0.600	0.630	0.520	0.270	0.280	0.310
	Chloroform			ND	ND						
	Dibromochloromethane			0.340	ND	0.330	0.400	0.350	ND	0.250	ND
	Total Trihalomethanes	80	MCL	0.850	0.290	0.930	1.03	0.870	0.270	0.530	0.310

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ID:	A3-10	06S6654	A3-106S6673A	A3-106S6685B	A3-10)7S6694	A3-107S6706A	A3-107S6707A
			Location Type:	Res	idence	Residence	Residence	Res	idence	Residence	Residence
			Address:	6654 10	06th Street	6673A 106th Street	6685B 106th Street	6694 10	7th Street	6706A 107th Street	6707A 107th Street
			Field Sample ID:	A3-TW-0016131- 22342-3-N	A3-TW-0016131- 22342-N	A3-TW-0016909- 22342-N	A3-TW-0016918- 22342-N	A3-TW-0016924- 22342-3-N	A3-TW-0016924- 22342-N	A3-TW-0016935- 22342-N	A3-TW-0016156- 22342-N
			Sample Date:	2023-02-14	2023-02-14	2023-01-24	2023-04-12	2023-04-13	2023-04-13	2023-03-22	2023-03-20
			Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	410	410	310	420	500	500	460	200
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	ND	ND	57.7	52.2	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	266	ISP	ND	ND	ND	57.7	52.2	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	2.10	2.10	2.10	2.00	1.90	1.90	2.10	2.20
	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	1.80	1.80	2.10	1.70	ND	ND	1.80	2.50
	Copper	1300	MCL	48.7	55.5	32.7	17.4	16.9	18.4	17.5	80.5
	Lead	15	MCL	0.430	0.590	0.460	0.160	0.330	0.420	0.230	2.10
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	0.340	ND	ND	ND	ND	0.340
	Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0500
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		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		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 ID:	A3-10	6S6654	A3-106S6673A	A3-106S6685B	A3-10	7S6694	A3-107S6706A	A3-107S6707A
			Location Type:	Resi	dence	Residence	Residence	Resi	idence	Residence	Residence
			Address:	6654 10	6th Street	6673A 106th Street	6685B 106th Street	6694 10	7th Street	6706A 107th Street	6707A 107th Street
			Field Sample ID:	A3-TW-0016131- 22342-3-N	A3-TW-0016131- 22342-N	A3-TW-0016909- 22342-N	A3-TW-0016918- 22342-N	A3-TW-0016924- 22342-3-N	A3-TW-0016924- 22342-N	A3-TW-0016935- 22342-N	A3-TW-0016156- 22342-N
			Sample Date:	2023-02-14	2023-02-14	2023-01-24	2023-04-12	2023-04-13	2023-04-13	2023-03-22	2023-03-20
			Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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

Notes:
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PA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
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N (Grab, Resample) = Additional follow-up sample

			Location ID:		A3-106S6654		A3-106S6685B	A3-107S6694		A3-107S6706A	A3-107S6707A
			Location Type:	Resi	Residence 6654 106th Street		Residence	Residence 6694 107th Street		Residence 6706A 107th Street	Residence
			Address:	6654 10			6685B 106th Street				6707A 107th Street
		Field Sample ID:		A3-TW-0016131- 22342-3-N	A3-TW-0016131- 22342-N	A3-TW-0016909- 22342-N		A3-TW-0016924- 22342-3-N	A3-TW-0016924- 22342-N	A3-TW-0016935- 22342-N	A3-TW-0016156- 22342-N
			Sample Date:	2023-02-14	2023-02-14	2023-01-24	2023-04-12	2023-04-13	2023-04-13	2023-03-22	2023-03-20
			Sample Type:	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
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			0.440	0.360	2.40	ND	0.260	0.260	0.390	0.550
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.330	0.260	0.670	ND	ND	ND	ND	0.360
	Total Trihalomethanes	80	MCL	0.770	0.620	3.07	ND	0.260	0.260	0.390	0.910

A3-109S6780A

A3-110S6808

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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- 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

				1							
			Location Type:	Residence							
			Address:	6733A 108th Street	6750B 108th Street	6753A 108th Street	6774B 109th Street	6780A 109th Street	6808 110th Street	6814B 110th Street	6831 111th Street
			Field Sample ID:	A3-TW-0016178- 22342-N	A3-TW-0016414- 22342-N	A3-TW-0016415- 22342-N	A3-TW-0016430- 22342-N	A3-TW-0016433- 22342-N	A3-TW-0017418- 22342-N	A3-TW-0017426- 22342-N	A3-TW-0017434- 22342-N
			Sample Date:	2023-04-13	2023-04-13	2023-02-14	2023-03-22	2023-03-22	2023-03-20	2023-02-14	2023-04-14
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	350	280	380	500	510	430	430	230
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	53.7						
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND	60.0	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	60.0	ND	ND	ND	ND	53.7
Metals (ppb)	Antimony	6	MCL	0.110	ND						
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.10	2.00	2.00	1.90	1.90	2.00	2.10	2.00
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	ND	ND	1.90	1.90	1.70	2.20	1.80	3.30
	Copper	1300	MCL	29.0	15.6	45.4	42.7	14.3	39.8	49.1	29.3
	Lead	15	MCL	0.780	0.230	0.360	0.370	0.270	0.340	0.930	0.450
	Mercury	2	MCL	ND	0.120						
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.360	ND	ND
	Thallium	2	MCL	0.0670	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	0.470	ND	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND							
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane			ND							
	1,1,2-Trichloroethane	5	MCL	ND							
	1,1-Dichloroethene	7	MCL	ND							

A3-108S6750B

A3-108S6753A

A3-109S6774B

A3-108S6733A

Location ID:

A3-111S6831

A3-110S6814B

A3-109S6780A

A3-110S6808

A3-110S6814B

A3-111S6831

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

otes:	
D = Not Detected	
P = Incident Specific Parameter	
AL = DOH Environmental Action Level	
PA MCL = EPA Maximum Contaminant Level	
Results shown in Parts per Billion (ppb)	
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= No Information Available	
(Normal) = Full compliance sample	
(Field Duplicate) = Extra sample taken for quality control	
(Grab, Resample) = Additional follow-up sample	

			Location ib.	A3-10030733A	A3-10030730B	A3-10030733A	A3-10930774B	A3-10930760A	A3-11030000	A3-11030014D	A3-11130031
			Location Type:	Residence							
			Address:	6733A 108th Street	6750B 108th Street	6753A 108th Street	6774B 109th Street	6780A 109th Street	6808 110th Street	6814B 110th Street	6831 111th Street
			Field Sample ID:	A3-TW-0016178- 22342-N	A3-TW-0016414- 22342-N	A3-TW-0016415- 22342-N	A3-TW-0016430- 22342-N	A3-TW-0016433- 22342-N	A3-TW-0017418- 22342-N	A3-TW-0017426- 22342-N	A3-TW-0017434- 22342-N
			Sample Date:	2023-04-13	2023-04-13	2023-02-14	2023-03-22	2023-03-22	2023-03-20	2023-02-14	2023-04-14
			Sample Type:	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							
	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	ND	ND	ND	ND	ND		ND
Haloacetic Acids (ppb)	Bromoacetic acid			ND	ND	ND	ND	ND	ND		ND
	Chloroacetic acid			ND							
	Dibromoacetic acid			ND	ND	ND	ND	ND	ND		ND
	Dichloroacetic acid			ND							

A3-108S6750B

A3-108S6753A

A3-109S6774B

Location ID:

A3-108S6733A

Notes:	
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- = 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:	A3-108S6733A	A3-108S6750B	A3-108S6753A	A3-109S6774B	A3-109S6780A	A3-110S6808	A3-110S6814B	A3-111S6831
			Location Type:	Residence							
			Address:	6733A 108th Street	6750B 108th Street	6753A 108th Street	6774B 109th Street	6780A 109th Street	6808 110th Street	6814B 110th Street	6831 111th Street
			Field Sample ID:	A3-TW-0016178- 22342-N	A3-TW-0016414- 22342-N	A3-TW-0016415- 22342-N	A3-TW-0016430- 22342-N	A3-TW-0016433- 22342-N	A3-TW-0017418- 22342-N	A3-TW-0017426- 22342-N	A3-TW-0017434- 22342-N
			Sample Date:	2023-04-13	2023-04-13	2023-02-14	2023-03-22	2023-03-22	2023-03-20	2023-02-14	2023-04-14
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane			ND							
	Bromoform			0.500	0.270	0.500	0.290	ND	0.310	3.00	0.430
	Chloroform			ND							
	Dibromochloromethane			0.320	ND	ND	ND	ND	0.250	0.850	ND
	Total Trihalomethanes	80	MCL	0.820	0.270	0.500	0.290	ND	0.560	3.85	0.430

Notes:
ID = Not Detected
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(Grab, Resample) = Additional follow-up sample

			Location ID:	A3-111S6840B	A3-ALBA5466A	A3-ALBA5469	A3-ALBA5470	A3-ALBA5483	A3-BITT5493	A3-BITT5518B	A3-BITT5524A
			Location Type:	Residence							
			Address:	6840B 111th Street	5466A Albatross Avenue	5469 Albatross Avenue	5470 Albatross Avenue	5483 Albatross Avenue	5493 Bittern Avenue	5518B Bittern Avenue	5524A Bittern Avenue
			Field Sample ID:	A3-TW-0016222- 22342-N	A3-TW-0016945- 22342-N	A3-TW-0016946- 22342-N	A3-TW-0016947- 22342-N	A3-TW-0016953- 22342-N	A3-TW-0016955- 22342-N	A3-TW-0016967- 22342-N	A3-TW-0016138- 22342-3-N
			Sample Date:	2023-03-22	2023-01-27	2023-03-20	2023-04-13	2023-04-13	2023-01-27	2023-04-14	2023-04-13
			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	250	470	500	470	490	360	490	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	58.6	ND	54.6	54.3	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND	ND	ND	ND	ND	63.9	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	58.6	ND	54.6	54.3	ND	63.9	ND
Metals (ppb)	Antimony	6	MCL	ND	0.110						
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	1.90	2.10	2.00	2.00	2.10	2.10	2.00	2.70
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.80	1.60	2.40	ND	ND	1.60	1.40	2.00
	Copper	1300	MCL	25.1	20.9	22.2	38.3	24.7	31.2	20.6	19.8
	Lead	15	MCL	0.300	0.240	1.40	1.10	0.350	0.450	0.130	0.330
	Mercury	2	MCL	ND							
	Selenium	50	MCL	ND							
	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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		,	Location ID:	A3-111S6840B	A3-ALBA5466A	A3-ALBA5469	A3-ALBA5470	A3-ALBA5483	A3-BITT5493	A3-BITT5518B	A3-BITT5524A
			Location Type:	Residence							
			Address:	6840B 111th Street	5466A Albatross Avenue	5469 Albatross Avenue	5470 Albatross Avenue	5483 Albatross Avenue	5493 Bittern Avenue	5518B Bittern Avenue	5524A Bittern Avenue
			Field Sample ID:	A3-TW-0016222- 22342-N	A3-TW-0016945- 22342-N	A3-TW-0016946- 22342-N	A3-TW-0016947- 22342-N	A3-TW-0016953- 22342-N	A3-TW-0016955- 22342-N	A3-TW-0016967- 22342-N	A3-TW-0016138- 22342-3-N
			Sample Date:	2023-03-22	2023-01-27	2023-03-20	2023-04-13	2023-04-13	2023-01-27	2023-04-14	2023-04-13
			Sample Type:	N (Normal)	FD (Field Duplicate)						
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							

Notes:
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EPA MCL = EPA Maximum Contaminant Level
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= No Information Available
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			Location ID:	A3-111S6840B	A3-ALBA5466A	A3-ALBA5469	A3-ALBA5470	A3-ALBA5483	A3-BITT5493	A3-BITT5518B	A3-BITT5524A
			Location Type:	Residence							
			Address:	6840B 111th Street	5466A Albatross Avenue	5469 Albatross Avenue	5470 Albatross Avenue	5483 Albatross Avenue	5493 Bittern Avenue	5518B Bittern Avenue	5524A Bittern Avenue
			Field Sample ID:	A3-TW-0016222- 22342-N	A3-TW-0016945- 22342-N	A3-TW-0016946- 22342-N	A3-TW-0016947- 22342-N	A3-TW-0016953- 22342-N	A3-TW-0016955- 22342-N	A3-TW-0016967- 22342-N	A3-TW-0016138- 22342-3-N
			Sample Date:	2023-03-22	2023-01-27	2023-03-20	2023-04-13	2023-04-13	2023-01-27	2023-04-14	2023-04-13
			Sample Type:	N (Normal)	FD (Field Duplicate)						
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			1.20	0.390	0.260	0.350	0.290	0.520	ND	0.290
	Chloroform			ND							
	Dibromochloromethane			0.640	0.290	ND	0.280	ND	0.370	ND	ND
	Total Trihalomethanes	80	MCL	1.84	0.680	0.260	0.630	0.290	0.890	ND	0.290

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				A3-BITT5524A	1	TT5525	A3-BITT5533	A3-BITT5537	A3-BITT5547	A3-CORM5566B	A3-DOVE5624A
			Location Type:	Residence	Resi	Residence		Residence	Residence	Residence	Residence
			Address:	5524A Bittern Avenue	5525 Bitte	ern Avenue	5533 Bittern Avenue	5537 Bittern Avenue	5547 Bittern Avenue	5566B Cormorant Avenue	5624A Dovekie Avenue
			Field Sample ID:	A3-TW-0016138- 22342-N	A3-TW-0016190- 22342-3-N	A3-TW-0016190- 22342-N	A3-TW-0016194- 22342-N	A3-TW-0016195- 22342-N	A3-TW-0016199- 22342-N	A3-TW-0016206- 22342-N	A3-TW-0016286- 22342-N
			Sample Date:	2023-04-13	2023-02-13	2023-02-13	2023-03-14	2023-04-13	2023-03-15	2023-03-14	2023-03-20
			Sample Type:	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	450	430	430	460	500	370	490	430
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			63.6	ND	ND	ND	59.4	ND	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)			ND	53.1	56.8	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	63.6	53.1	56.8	ND	59.4	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	2.00	2.10	2.00		2.00	2.10	2.10	2.10
	Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	100		ND	1.90	1.80	1.60	ND	1.50	1.80	2.60
	Copper	1300	MCL	22.4	16.1	19.5	20.8	18.4	35.5	47.0	26.6
	Lead	15	MCL	0.270	0.240	0.290	0.370	0.170	0.390	0.370	0.270
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	2		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	0.0150	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

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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:	A3-BITT5524A	A3-BI	TT5525	A3-BITT5533	A3-BITT5537	A3-BITT5547	A3-CORM5566B	A3-DOVE5624A
			Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence
			Address:	5524A Bittern Avenue	5525 Bitte	ern Avenue	5533 Bittern Avenue	5537 Bittern Avenue	5547 Bittern Avenue	5566B Cormorant Avenue	5624A Dovekie Avenue
			Field Sample ID:	A3-TW-0016138- 22342-N	A3-TW-0016190- 22342-3-N	A3-TW-0016190- 22342-N	A3-TW-0016194- 22342-N	A3-TW-0016195- 22342-N	A3-TW-0016199- 22342-N	A3-TW-0016206- 22342-N	A3-TW-0016286- 22342-N
			Sample Date:	2023-04-13	2023-02-13	2023-02-13	2023-03-14	2023-04-13	2023-03-15	2023-03-14	2023-03-20
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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

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			Location ID:	A3-BITT5524A	A3-BI	TT5525	A3-BITT5533	A3-BITT5537	A3-BITT5547	A3-CORM5566B	A3-DOVE5624A
			Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence
			Address:	5524A Bittern Avenue	5525 Bitte	ern Avenue	5533 Bittern Avenue	5537 Bittern Avenue	5547 Bittern Avenue	5566B Cormorant Avenue	5624A Dovekie Avenue
			Field Sample ID:	A3-TW-0016138- 22342-N	A3-TW-0016190- 22342-3-N	A3-TW-0016190- 22342-N	A3-TW-0016194- 22342-N	A3-TW-0016195- 22342-N	A3-TW-0016199- 22342-N	A3-TW-0016206- 22342-N	A3-TW-0016286- 22342-N
			Sample Date:	2023-04-13	2023-02-13	2023-02-13	2023-03-14	2023-04-13	2023-03-15	2023-03-14	2023-03-20
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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			0.430	0.410	0.440	0.300	0.310	ND	ND	0.300
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			ND	0.290	0.270	ND	0.260	ND	ND	0.260
	Total Trihalomethanes	80	MCL	0.430	0.700	0.710	0.300	0.570	ND	ND	0.560

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	•										
			Location ID:	A3-DOVE5650B	A3-DC	VE5674	A3-DO	VE5689	A3-EDGE5325	A3-EDGE5351	A3-EDGE5386
			Location Type:	Residence	Resi	idence	Resi	dence	Residence	Residence	Residence
			Address:	5650B Dovekie Avenue	5674 Dov	ekie Avenue	5689 Dove	ekie Avenue	5325 Edgewater Drive	5351 Edgewater Drive	5386 Edgewater Drive
			Field Sample ID:	A3-TW-0016301- 22342-N	A3-TW-0016446- 22342-3-N	A3-TW-0016446- 22342-N	A3-TW-0016453- 22342-3-N	A3-TW-0016453- 22342-N	A3-TW-0016312- 22342-N	A3-TW-0016324- 22342-N	A3-TW-0016335- 22342-N
			Sample Date:	2023-04-13	2023-01-27	2023-01-27	2023-04-14	2023-04-14	2023-04-25	2023-03-14	2023-04-14
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	440	510	510	250	250	420	200	530
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			62.3	ND	ND	55.8	ND	ND	ND	58.2
	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	266	ISP	62.3	ND	ND	55.8	ND	ND	ND	58.2
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	2.10	2.00	2.00	2.20	2.20	2.10	2.10	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	ND	1.60	1.60	1.50	1.50	1.50	1.80	1.40
	Copper	1300	MCL	46.1	13.6	24.5	66.8	39.4	36.0	18.0	19.4
	Lead	15	MCL	0.820	0.150	0.220	2.50	0.390	0.500	0.180	0.230
	Mercury	2	MCL	ND	ND	ND	ND	ND	0.0270	ND	0.0350
	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	0.530	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

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		,	Location ID:	A3-DOVE5650B	A3-DO	VE5674	A3-DC	VE5689	A3-EDGE5325	A3-EDGE5351	A3-EDGE5386
			Location Type:	Residence	Resi	dence	Resi	dence	Residence	Residence	Residence
			Address:	5650B Dovekie Avenue	5674 Dove	ekie Avenue	5689 Dove	ekie Avenue	5325 Edgewater Drive	5351 Edgewater Drive	5386 Edgewater Drive
			Field Sample ID:	A3-TW-0016301- 22342-N	A3-TW-0016446- 22342-3-N	A3-TW-0016446- 22342-N	A3-TW-0016453- 22342-3-N	A3-TW-0016453- 22342-N	A3-TW-0016312- 22342-N	A3-TW-0016324- 22342-N	A3-TW-0016335- 22342-N
			Sample Date:	2023-04-13	2023-01-27	2023-01-27	2023-04-14	2023-04-14	2023-04-25	2023-03-14	2023-04-14
			Sample Type:	N (Normal)	FD (Field Duplicate)	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								
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

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			Location ID:		A3-DC			VE5689	A3-EDGE5325	A3-EDGE5351	A3-EDGE5386
				Residence	Resi			Residence		Residence	Residence
			Address:	5650B Dovekie Avenue			5689 Dovekie Avenue		5325 Edgewater Drive	5351 Edgewater Drive	5386 Edgewater Drive
			Field Sample ID:	A3-TW-0016301- 22342-N	A3-TW-0016446- 22342-3-N	A3-TW-0016446- 22342-N 2023-01-27	6- A3-TW-0016453- 22342-3-N 2023-04-14	A3-TW-0016453- 22342-N 2023-04-14	A3-TW-0016312- 22342-N 2023-04-25	A3-TW-0016324- 22342-N 2023-03-14	A3-TW-0016335- 22342-N
			Sample Date:	2023-04-13	2023-01-27						2023-04-14
			Sample Type:	N (Normal)	FD (Field Duplicate)	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)	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			0.340	0.360	0.490	0.490	0.590	0.260	0.460	0.330
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.260	0.300	0.330	0.280	0.300	ND	0.280	ND
	Total Trihalomethanes	80	MCL	0.600	0.660	0.820	0.770	0.890	0.260	0.740	0.330

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		,	Location ID:	A3-EDGE5394	A3-EDGE5398	A3-EDGE5406	A3-EEHA4852A	A3-EEHA4857D	A3-EEHI4997A	A3-EEHI4997B	A3-EEHI4998B
			Location Type:	Residence							
			Address:	5394 Edgewater Drive	5398 Edgewater Drive	5406 Edgewater Drive	4852A East Eha Way	4857D East Eha Way	4997A East Ehiku Way	4997B East Ehiku Way	4998B East Ehiku Way
			Field Sample ID:	A3-TW-0016338- 22342-N	A3-TW-0016339- 22342-N	A3-TW-0016341- 22342-N	A3-TW-0016461- 22342-N	A3-TW-0017352- 22342-N	A3-TW-0017359- 22342-N	A3-TW-0017360- 22342-N	A3-TW-0017364- 22342-N
			Sample Date:	2023-04-25	2023-02-13	2023-03-14	2023-03-15	2023-01-24	2023-03-14	2023-04-14	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	570	380	500	560	410	420	520	480
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	300	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			55.5	ND	ND	52.2	ND	ND	ND	65.3
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	55.5	ND	ND	52.2	ND	ND	ND	65.3
Metals (ppb)	Antimony	6	MCL	ND							
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.10	2.00	2.10	2.00	2.10	2.30	2.40	2.20
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.60	2.00	1.60	1.60	ND	1.60	1.50	1.70
	Copper	1300	MCL	30.7	22.9	64.2	22.0	10.9	10.4	10.0	11.9
	Lead	15	MCL	0.440	0.270	0.460	0.150	ND	ND	ND	ND
	Mercury	2	MCL	ND	ND	ND	0.0530	ND	ND	ND	ND
	Selenium	50	MCL	ND							
	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	ND	ND	ND	0.0130	ND	ND	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							
	1,1-Dichloroethene	7	MCL	ND							

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		,	Location ID:	A3-EDGE5394	A3-EDGE5398	A3-EDGE5406	A3-EEHA4852A	A3-EEHA4857D	A3-EEHI4997A	A3-EEHI4997B	A3-EEHI4998B
			Location Type:	Residence							
			Address:	5394 Edgewater Drive	5398 Edgewater Drive	5406 Edgewater Drive	4852A East Eha Way	4857D East Eha Way	4997A East Ehiku Way	4997B East Ehiku Way	4998B East Ehiku Way
			Field Sample ID:	A3-TW-0016338- 22342-N	A3-TW-0016339- 22342-N	A3-TW-0016341- 22342-N	A3-TW-0016461- 22342-N	A3-TW-0017352- 22342-N	A3-TW-0017359- 22342-N	A3-TW-0017360- 22342-N	A3-TW-0017364- 22342-N
			Sample Date:	2023-04-25	2023-02-13	2023-03-14	2023-03-15	2023-01-24	2023-03-14	2023-04-14	2023-01-27
			Sample Type:	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							
	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							
	Dibromoacetic acid			ND							
	Dichloroacetic acid			ND							

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

			Location ID:	A3-EDGE5394	A3-EDGE5398	A3-EDGE5406	A3-EEHA4852A	A3-EEHA4857D	A3-EEHI4997A	A3-EEHI4997B	A3-EEHI4998B
			Location Type:	Residence							
			Address:	5394 Edgewater Drive	5398 Edgewater Drive	5406 Edgewater Drive	4852A East Eha Way	4857D East Eha Way	4997A East Ehiku Way	4997B East Ehiku Wa	4998B East Ehiku Way
			Field Sample ID:	A3-TW-0016338- 22342-N	A3-TW-0016339- 22342-N	A3-TW-0016341- 22342-N	A3-TW-0016461- 22342-N	A3-TW-0017352- 22342-N	A3-TW-0017359- 22342-N	A3-TW-0017360- 22342-N	A3-TW-0017364- 22342-N
			Sample Date:	2023-04-25	2023-02-13	2023-03-14	2023-03-15	2023-01-24	2023-03-14	2023-04-14	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane			ND	ND	ND	ND	ND	ND	0.280	ND
	Bromoform			0.360	0.440	0.330	ND	0.410	0.840	1.50	0.870
	Chloroform			ND							
	Dibromochloromethane			ND	0.290	ND	ND	0.330	0.410	0.610	0.560
	Total Trihalomethanes	80	MCL	0.360	0.730	0.330	ND	0.740	1.25	2.39	1.43

A3-EEKO4823D

A3-EEKO4824D

A3-EELU4788A

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:	
ND = Not Detected	
ISP = Incident Specific Parameter	
EAL = DOH Environmental Action Level	
EPA MCL = EPA Maximum Contaminant Level	
All Results shown in Parts per Billion (ppb)	
§ - 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 ib.	A3-EEI 114990D	AS-ELIXA4737B	A3-ELIXA4737D	A3-LERO4019B	A3-LERO4023D	A3-LLNO4024D	A3-LLL	L04700A
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	idence
			Address:	4998D East Ehiku Way	4757B East Ekahi Way	4757D East Ekahi Wa	y 4819B East Ekolu Way	4823D East Ekolu Way	4824D East Ekolu Way	4788A Ea	st Elua Way
			Field Sample ID:	A3-TW-0017366- 22342-N	A3-TW-0017284- 22342-N	A3-TW-0017286- 22342-N	A3-TW-0017288- 22342-N	A3-TW-0016978- 22342-N	A3-TW-0016982- 22342-N	A3-TW-0016991- 22342-3-N	A3-TW-0016991- 22342-N
			Sample Date:	2023-04-14	2023-01-24	2023-01-24	2023-03-22	2023-02-13	2023-03-15	2023-03-22	2023-03-22
			Sample Type:	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	260	250	420	500	460	580		520
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND		ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	ND						
	Petroleum Hydrocarbons (as Gasoline)			ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND	ND	ND	ND	ND		ND
	Petroleum Hydrocarbons, Total	266	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	0.510	ND		ND
	Barium	2000	MCL	2.20	2.20	2.10	2.10	2.00	2.10	1.90	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND						
	Chromium	100	MCL	1.40	ND	ND	2.20	2.00	1.60	2.00	1.90
	Copper	1300	MCL	9.80	17.0	18.7	22.3	23.4	20.3	5.10	12.4
	Lead	15	MCL	ND	0.130	0.370	ND	0.350	ND	ND	ND
	Mercury	2	MCL	ND	ND						
	Selenium	50	MCL	ND	ND	ND	0.330	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	0.0680	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						
	Benzo(a)pyrene	0.2	MCL	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						
	1,1-Dichloroethene	7	MCL	ND	ND						

A3-EEKA4757B

A3-EEKA4757D

A3-EEKO4819B

Location ID:

A3-EEHI4998D

A3-EEKO4823D

A3-EEKO4824D

A3-EELU4788A

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

otes:	
D = Not Detected	
P = Incident Specific Parameter	
AL = DOH Environmental Action Level	
PA MCL = EPA Maximum Contaminant Level	
Results shown in Parts per Billion (ppb)	
- Exceeds Screening Level	
= No Information Available	
(Normal) = Full compliance sample	
(Field Duplicate) = Extra sample taken for quality control	
(Grab, Resample) = Additional follow-up sample	

			Location ib.	A3-LLI 114990D	A3-LLIXA4737B	AS-LLIVA4131D	A3-LLNO4019D	A3-LLNO4023D	A3-LLNO4024D	A3-LLL	-04700A
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	dence
			Address:	4998D East Ehiku Way	4757B East Ekahi Way	4757D East Ekahi Way	4819B East Ekolu Way	4823D East Ekolu Way	4824D East Ekolu Way	4788A Eas	st Elua Way
			Field Sample ID:	A3-TW-0017366- 22342-N	A3-TW-0017284- 22342-N	A3-TW-0017286- 22342-N	A3-TW-0017288- 22342-N	A3-TW-0016978- 22342-N	A3-TW-0016982- 22342-N	A3-TW-0016991- 22342-3-N	A3-TW-0016991- 22342-N
			Sample Date:	2023-04-14	2023-01-24	2023-01-24	2023-03-22	2023-02-13	2023-03-15	2023-03-22	2023-03-22
			Sample Type:	N (Normal)	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						
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND		ND
	1,2-Dichloroethane	5	MCL	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						
	Carbon Tetrachloride	5	MCL	ND	ND						
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND	ND		ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND						
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND	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	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						

A3-EEKA4757B

A3-EEKA4757D

A3-EEKO4819B

Location ID:

A3-EEHI4998D

Notes:	
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EAL = DOH Environmental Action Level	
EPA MCL = EPA Maximum Contaminant Level	
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§ - 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:	A3-EEHI4998D	A3-EEKA4757B	A3-EEKA4757D	A3-EEKO4819B	A3-EEKO4823D	A3-EEKO4824D	A3-EE	LU4788A
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Res	sidence
			Address:	4998D East Ehiku Way	4757B East Ekahi Way	4757D East Ekahi Way	4819B East Ekolu Way	4823D East Ekolu Way	4824D East Ekolu Way	4788A Ea	ast Elua Way
			Field Sample ID:	A3-TW-0017366- 22342-N	A3-TW-0017284- 22342-N	A3-TW-0017286- 22342-N	A3-TW-0017288- 22342-N	A3-TW-0016978- 22342-N	A3-TW-0016982- 22342-N	A3-TW-0016991- 22342-3-N	A3-TW-0016991- 22342-N
			Sample Date:	2023-04-14	2023-01-24	2023-01-24	2023-03-22	2023-02-13	2023-03-15	2023-03-22	2023-03-22
			Sample Type:	N (Normal)	FD (Field Duplicate)	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			0.670	0.580	0.440	0.310	0.450	ND	0.260	0.280
	Chloroform			ND	ND						
	Dibromochloromethane			0.400	0.400	0.360	0.250	0.350	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.07	0.980	0.800	0.560	0.800	ND	0.260	0.280

A3-ERNE5727B

A3-ERNE5728B

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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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 Type:	Residence							
			Address:	4874B Elima Way	4936D Eono Way	4939C Eono Way	5712 Erne Avenue	5727B Erne Avenue	5728B Erne Avenue	5761A Erne Avenue	5762B Erne Avenue
			Field Sample ID:	A3-TW-0017317- 22342-N	A3-TW-0016878- 22342-N	A3-TW-0016505- 22342-N	A3-TW-0016509- 22342-N	A3-TW-0016515- 22342-N	A3-TW-0016517- 22342-N	A3-TW-0017004- 22342-N	A3-TW-0017007- 22342-N
			Sample Date:	2023-03-15	2023-03-15	2023-01-24	2023-04-12	2023-03-15	2023-04-13	2023-01-27	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	450	500	500	540	600	460	460	130
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			54.7	ND	ND	ND	ND	66.1	ND	ND
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	54.7	ND	ND	ND	ND	66.1	ND	ND
Metals (ppb)	Antimony	6	MCL	ND							
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.10	2.00	2.00	2.30	2.10	2.00	2.00	2.00
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.60	1.70	ND	1.70	1.60	ND	1.90	1.70
	Copper	1300	MCL	19.4	19.9	4.40	17.9	46.6	20.0	31.8	92.3
	Lead	15	MCL	0.900	1.10	ND	0.370	0.530	0.350	0.690	0.560
	Mercury	2	MCL	ND							
	Selenium	50	MCL	ND							
	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	ND	0.0130	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND	ND	0.690	ND
	Naphthalene	17	EAL	ND							
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane			ND							
	1,1,2-Trichloroethane	5	MCL	ND							
	1,1-Dichloroethene	7	MCL	ND							

A3-EONO4936D

A3-EONO4939C

A3-ERNE5712

A3-ELIM4874B

Location ID:

A3-ERNE5762B

A3-ERNE5761A

A3-ERNE5727B

A3-ERNE5728B

A3-ERNE5761A A3-ERNE5762B

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

otes:	
D = Not Detected	
P = Incident Specific Parameter	
AL = DOH Environmental Action Level	
PA MCL = EPA Maximum Contaminant Level	
Results shown in Parts per Billion (ppb)	
- Exceeds Screening Level	
= No Information Available	
(Normal) = Full compliance sample	
(Field Duplicate) = Extra sample taken for quality control	
(Grab, Resample) = Additional follow-up sample	

			Location iD:	A3-ELIM4874B	A3-E0N04936D	A3-E0N04939C	A3-ERNE5/12	A3-ERNE5/2/B	A3-ERNE5/28B	A3-ERNES/61A	A3-ERNE5/62B
			Location Type:	Residence							
			Address:	4874B Elima Way	4936D Eono Way	4939C Eono Way	5712 Erne Avenue	5727B Erne Avenue	5728B Erne Avenue	5761A Erne Avenue	5762B Erne Avenue
			Field Sample ID:	A3-TW-0017317- 22342-N	A3-TW-0016878- 22342-N	A3-TW-0016505- 22342-N	A3-TW-0016509- 22342-N	A3-TW-0016515- 22342-N	A3-TW-0016517- 22342-N	A3-TW-0017004- 22342-N	A3-TW-0017007- 22342-N
			Sample Date:	2023-03-15	2023-03-15	2023-01-24	2023-04-12	2023-03-15	2023-04-13	2023-01-27	2023-01-27
			Sample Type:	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							
	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							
	Dibromoacetic acid			ND							
	Dichloroacetic acid			ND							

A3-EONO4936D

A3-EONO4939C

A3-ERNE5712

Location ID: A3-ELIM4874B

Notes:
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PA 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:	A3-ELIM4874B	A3-EONO4936D	A3-EONO4939C	A3-ERNE5712	A3-ERNE5727B	A3-ERNE5728B	A3-ERNE5761A	A3-ERNE5762B
			Location Type:	Residence							
			Address:	4874B Elima Way	4936D Eono Way	4939C Eono Way	5712 Erne Avenue	5727B Erne Avenue	5728B Erne Avenue	5761A Erne Avenue	5762B Erne Avenue
			Field Sample ID:	A3-TW-0017317- 22342-N	A3-TW-0016878- 22342-N	A3-TW-0016505- 22342-N	A3-TW-0016509- 22342-N	A3-TW-0016515- 22342-N	A3-TW-0016517- 22342-N	A3-TW-0017004- 22342-N	A3-TW-0017007- 22342-N
			Sample Date:	2023-03-15	2023-03-15	2023-01-24	2023-04-12	2023-03-15	2023-04-13	2023-01-27	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane			ND							
	Bromoform			ND	ND	0.320	0.350	ND	0.410	0.370	0.700
	Chloroform			ND							
	Dibromochloromethane			ND	ND	0.280	0.280	ND	ND	0.340	0.370
	Total Trihalomethanes	80	MCL	ND	ND	0.600	0.630	ND	0.410	0.710	1.07

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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= No Information Available
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N (Grab, Resample) = Additional follow-up sample

		J	Location ID:	A3-FULM5823A	A3-FULM5853A	A3-FULM5875A	A3-GA	NN5879	A3-GANN5891	A3-GAI	NN5895A
			Location Type:	Residence	Residence	Residence	Resi	dence	Residence	Resi	idence
			Address:	5823A Fulmar Avenue	5853A Fulmar Avenue	5875A Fulmar Avenue	5879 Gan	net Avenue	5891 Gannet Avenue	5895A Ga	nnet Avenue
			Field Sample ID:	A3-TW-0016366- 22342-N	A3-TW-0017301- 22342-N	A3-TW-0017036- 22342-N	A3-TW-0017040- 22342-3-N	A3-TW-0017040- 22342-N	A3-TW-0012483- 22342-N	A3-TW-0017042- 22342-3-N	A3-TW-0017042- 22342-N
			Sample Date:	2023-04-14	2023-03-14	2023-02-13	2023-04-25	2023-04-25	2023-03-14	2023-04-25	2023-04-25
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	240	370	410	540	540	450	490	490
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	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)			ND	ND	ND	ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.150	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.10	2.20	2.10	1.90	2.10	1.90	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	1.50	1.50	2.00	1.70	1.60	1.80	1.40	1.60
	Copper	1300	MCL	33.0	24.0	30.2	26.3	29.2	56.8	33.7	36.2
	Lead	15	MCL	0.400	0.200	0.420	0.330	0.250	0.810	0.480	0.480
	Mercury	2	MCL	ND	ND	ND	ND	0.0270	ND	ND	0.0290
	Selenium	50	MCL	ND	ND	ND	ND	ND	0.350	ND	ND
	Thallium	2	MCL	ND	ND	ND	0.0850	ND	0.0540	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

A3-GANN5879

A3-GANN5891

A3-GANN5895A

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

lotes:
ID = Not Detected
SP = Incident Specific Parameter
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Il Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
I (Grab, Resample) = Additional follow-up sample

			Location ib.	A3-1 OLIVI3023A	A3-1 OLIVISOSSA	A3-1 OLIVISOTSA	A3-0A	1113073	A3-GAININGOST	A3-GAIN	NINDOBUA
	L		Location Type:	Residence	Residence	Residence	Resi	dence	Residence	Resid	dence
			Address:	5823A Fulmar Avenue	5853A Fulmar Avenue	5875A Fulmar Avenue	5879 Gan	net Avenue	5891 Gannet Avenue	5895A Gar	nnet Avenue
			Field Sample ID:	A3-TW-0016366- 22342-N	A3-TW-0017301- 22342-N	A3-TW-0017036- 22342-N	A3-TW-0017040- 22342-3-N	A3-TW-0017040- 22342-N	A3-TW-0012483- 22342-N	A3-TW-0017042- 22342-3-N	A3-TW-0017042- 22342-N
			Sample Date:	2023-04-14	2023-03-14	2023-02-13	2023-04-25	2023-04-25	2023-03-14	2023-04-25	2023-04-25
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	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	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
					•	•	•	•	•	•	•

A3-FULM5853A

A3-FULM5875A

Location ID: A3-FULM5823A

lotes:
ID = Not Detected
SP = Incident Specific Parameter
AL = DOH Environmental Action Level
PA MCL = EPA Maximum Contaminant Level
Il Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
I (Grab, Resample) = Additional follow-up sample

			Location ID:		A3-FULM5823A A3-FULM5853A		A3-GANN5879		A3-GANN5891	A3-GAN	NN5895A
			Location Type:	Residence	Residence 5853A Fulmar Avenue	Residence	Resi	dence	Residence	Residence	
			Address:	5823A Fulmar Avenue		5875A Fulmar Avenue	5879 Gannet Avenue		5891 Gannet Avenue	5895A Gannet Avenue	
			Field Sample ID:	A3-TW-0016366- 22342-N	A3-TW-0017301- 22342-N	A3-TW-0017036- 22342-N	A3-TW-0017040- 22342-3-N	A3-TW-0017040- 22342-N	A3-TW-0012483- 22342-N	A3-TW-0017042- 22342-3-N	A3-TW-0017042- 22342-N
			Sample Date:	2023-04-14	2023-03-14	2023-02-13	2023-04-25	2023-04-25	2023-03-14	2023-04-25	2023-04-25
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	FD (Field Duplicate)	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	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			0.370	0.260	0.670	0.570	ND	0.300	0.360	ND
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.260	ND	0.370	0.340	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.630	0.260	1.04	0.910	ND	0.300	0.360	ND

A3-GANN5961

A3-GANN5964B

A3-GANN5981

A3-GANN6018B

A3-GANN5955B

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:	
ND = Not Detected	
ISP = Incident Specific Parameter	
EAL = DOH Environmental Action Level	
EPA MCL = EPA Maximum Contaminant Level	
All Results shown in Parts per Billion (ppb)	
§ - 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	

Field Sample Dr.				Location ib.	A3-GAININGO97	A3-GAI	NINDS47A	A3-GAININSSSSB	A3-0ANN3301	A3-GAININSSO4B	A3-0ANN3901	A3-GAININGO IOD
Hermann September of the september of th				Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence
Part				Address:	5897 Gannet Avenue	5947A Gar	nnet Avenue	5955B Gannet Avenue	5961 Gannet Avenue	5964B Gannet Avenue	5981 Gannet Avenue	6018B Gannet Avenue
Medical Group Sample (Signature) Example (Signature) P(Normal) N (Normal) N (Normal) <td></td> <td></td> <td></td> <td>Field Sample ID:</td> <td></td> <td></td> <td>A3-TW-0016558- 22342-N</td> <td>A3-TW-0016563- 22342-N</td> <td></td> <td></td> <td></td> <td>A3-TW-0017092- 22342-N</td>				Field Sample ID:			A3-TW-0016558- 22342-N	A3-TW-0016563- 22342-N				A3-TW-0017092- 22342-N
Method Group Analysic Basis of Project Curol Series				Sample Date:	2023-01-27	2023-01-27	2023-01-27	2023-01-27	2023-04-14	2023-03-15	2023-01-27	2023-01-27
Method Group Agentage Secure of Live Secure of Live<				Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)
General Chemistry (psp) Total Origenic Carbon 200 ISP No N	Method Group	Analyte	Screening	Screening								
rhydrocarbons (nph) Periodeun Hydrocarbons (os Cassoline) 5.5 5 ND ND ND ND 65.2 65.3 5.3 Assolitations (on the control of the contr	Field Test (ppb)	Free Chlorine	4000	MCL	380	400	400	520	470	510	680	390
Perioden Hydrocatons (assignation) 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	General Chemistry (ppb)	Total Organic Carbon	2000	ISP		ND	ND	ND	ND			
Petroleum Hydrocarbons (and Moro (in)) -I -I ND AD 63.0	Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			53.5	ND	ND	ND	ND	56.2	65.3	54.9
Petrolom Medications, Total 266 15P 3.5 No No No No 56.2 65.3 5.9 Megic (pp) Artimory 6 MCL No <		Petroleum Hydrocarbons (as Gasoline)			ND	ND	ND	ND	ND	ND	ND	ND
Mindia (pp)		Petroleum Hydrocarbons (as Motor Oil)				ND	ND	ND	ND			
Asenic 10 MCI ND 20 <t< td=""><td></td><td>Petroleum Hydrocarbons, Total</td><td>266</td><td>ISP</td><td>53.5</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>56.2</td><td>65.3</td><td>54.9</td></t<>		Petroleum Hydrocarbons, Total	266	ISP	53.5	ND	ND	ND	ND	56.2	65.3	54.9
Barrin 2000 MCL 200 1.90 2.00 <th< td=""><td>Metals (ppb)</td><td>Antimony</td><td>6</td><td>MCL</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></th<>	Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Purple of Medical Programment of Medical Prog		Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Part		Barium	2000	MCL	2.00	1.90	2.00	2.00	2.00	2.00	2.00	2.10
Example (minum) Incompose (minum)		Beryllium	4	MCL	ND	ND	ND	ND	ND	ND	ND	ND
CoperCoper100MCI2.64.57.96.91.72.82.21.2Led15MCI2.304.405.401.708.101.703.802.80Mecury2MCINDNDNDNDNDNDNDNDNDJenium5MCINDNDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)1010NDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)10NDNDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)10NDNDNDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)10NDNDNDNDNDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)10NDNDNDNDNDNDNDNDNDNDNDNDNDNDNDNDNDAphthe Organic Compounds (App.)10ND <td></td> <td>Cadmium</td> <td>5</td> <td>MCL</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td>		Cadmium	5	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Lead 15 MCL 0.290 0.440 0.540 0.170 0.810 0.170 0.380 0.280 Mercury 2 MCL ND		Chromium	100	MCL	1.70	1.60	1.90	1.80	1.50	1.90	1.70	1.60
Meruny 2 MCI ND ND <t< td=""><td></td><td>Copper</td><td>1300</td><td>MCL</td><td>20.6</td><td>44.5</td><td>37.9</td><td>26.9</td><td>21.7</td><td>23.8</td><td>20.2</td><td>13.2</td></t<>		Copper	1300	MCL	20.6	44.5	37.9	26.9	21.7	23.8	20.2	13.2
Edenium 50 MCL ND		Lead	15	MCL	0.230	0.440	0.540	0.170	0.810	0.170	0.380	0.280
Fallium Fall		Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb) 1-Methylnaphthalene 10 EAL ND		Selenium	50	MCL	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene 10 EAL ND ND ND ND ND ND ND N		Thallium	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene 0.2 MCL ND ND ND ND ND ND ND N	Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate 6 MCL ND ND ND ND ND ND ND N		2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene 17 EAL ND ND ND ND ND ND ND N		Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb) 1,1,1-Trichloroethane ND		Bis(2-ethylhexyl)phthalate	6		ND	ND	ND		ND	ND		
1,1,2-Trichloroethane 5 MCL 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-Dichloroethene 7 MCL ND		1,1,2-Trichloroethane	5		ND	ND	ND	ND	ND	ND	ND	ND
		1,1-Dichloroethene	7	MCL	ND	ND	ND	ND	ND	ND	ND	ND

A3-GANN5947A

Location ID:

A3-GANN5897

lotes:
ID = Not Detected
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AL = DOH Environmental Action Level
PA MCL = EPA Maximum Contaminant Level
Il Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
I (Grab, Resample) = Additional follow-up sample

			Location ID:	A3-GANN5897	A3-GAN	N5947A	A3-GANN5955B	A3-GANN5961	A3-GANN5964B	A3-GANN5981	A3-GANN6018B
			Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence
			Address:	5897 Gannet Avenue	5947A Gar	nnet Avenue	5955B Gannet Avenue	5961 Gannet Avenue	5964B Gannet Avenue	5981 Gannet Avenue	6018B Gannet Avenue
			Field Sample ID:	A3-TW-0017044- 22342-N	A3-TW-0016558- 22342-3-N	A3-TW-0016558- 22342-N	A3-TW-0016563- 22342-N	A3-TW-0016565- 22342-N	A3-TW-0016567- 22342-N	A3-TW-0017076- 22342-N	A3-TW-0017092- 22342-N
			Sample Date:	2023-01-27	2023-01-27	2023-01-27	2023-01-27	2023-04-14	2023-03-15	2023-01-27	2023-01-27
			Sample Type:	N (Normal)	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	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

lotes:	
ID = Not Detected	
SP = Incident Specific Parameter	
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PA MCL = EPA Maximum Contaminant Level	
Il Results shown in Parts per Billion (ppb)	
- Exceeds Screening Level	
= No Information Available	
I (Normal) = Full compliance sample	
D (Field Duplicate) = Extra sample taken for quality control	
(Grab, Resample) = Additional follow-up sample	

		Location ID:			A3-GANN5897 A3-GANN594		N5947A A3-GANN5955B		A3-GANN5964B	A3-GANN5981	A3-GANN6018B
			Location Type:	Residence	Resi	dence	Residence	Residence	Residence	Residence	Residence 6018B Gannet Avenue
			Address:	5897 Gannet Avenue	5947A Gar	nnet Avenue	5955B Gannet Avenue	5961 Gannet Avenue	5964B Gannet Avenue	5981 Gannet Avenue	
		Field Sample ID:		A3-TW-0017044- 22342-N	A3-TW-0016558- 22342-3-N	A3-TW-0016558- 22342-N	58- A3-TW-0016563- 22342-N	A3-TW-0016565- 22342-N	A3-TW-0016567- 22342-N	A3-TW-0017076- 22342-N	A3-TW-0017092- 22342-N
			Sample Date:	2023-01-27	2023-01-27	2023-01-27	2023-01-27	2023-04-14	2023-03-15	2023-01-27	2023-01-27
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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			0.510	0.300	0.300	0.320	0.260	ND	0.310	0.570
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.410	0.250	ND	0.260	ND	ND	0.260	0.330
	Total Trihalomethanes	80	MCL	0.920	0.550	0.300	0.580	0.260	ND	0.570	0.900

A3-IBIS6186A

A3-IBIS6186B

A3-HERO6159A

A3-HERO6071A

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
EAL = DOH Environmental Action Level
EPA MCL = EPA Maximum Contaminant Level
All Results shown in Parts per Billion (ppb)
§ - 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 Type:	Residence	Residence	Residence	Residence	Residence	Resi	dence	Residence
			Address:	6050 Heron Avenue	6061B Heron Avenue	6071A Heron Avenue	6159A Heron Avenue	6186A Ibis Avenue	6186B lb	is Avenue	6197 Ibis Avenue
			Field Sample ID:	A3-TW-0017094- 22342-N	A3-TW-0016141- 22342-N	A3-TW-0016241- 22342-N	A3-TW-0016584- 22342-N	A3-TW-0017101- 22342-N	A3-TW-0017102- 22342-3-N	A3-TW-0017102- 22342-N	A3-TW-0017106- 22342-N
			Sample Date:	2023-03-22	2023-03-15	2023-03-22	2023-03-15	2023-03-20	2023-04-12	2023-04-12	2023-03-15
			Sample Type:	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	360	470	430	550	480	420	420	560
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	77.8	ND	ND	ND	ND	56.4	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	266	ISP	ND	77.8	ND	ND	ND	ND	56.4	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	2.00	2.10	1.90	2.00	1.90	2.00	1.90	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	1.70	1.60	1.90	1.80	2.40	1.60	1.60	1.80
	Copper	1300	MCL	20.2	45.6	42.2	25.3	12.5	29.4	31.0	22.0
	Lead	15	MCL	0.300	0.260	0.450	0.330	0.140	7.00	2.10	0.170
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	0.0280
	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

A3-HERO6061B

A3-HERO6050

A3-IBIS6197

Notes:
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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

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			Location ID:	A3-HERO6050	A3-HERO6061B	A3-HERO6071A	A3-HERO6159A	A3-IBIS6186A	A3-IBI	S6186B	A3-IBIS6197
			Location Type:	Residence	Residence	Residence	Residence	Residence	Resi	dence	Residence
			Address:	6050 Heron Avenue	6061B Heron Avenue	6071A Heron Avenue	6159A Heron Avenue	6186A Ibis Avenue	6186B lb	is Avenue	6197 Ibis Avenue
			Field Sample ID:	A3-TW-0017094- 22342-N	A3-TW-0016141- 22342-N	A3-TW-0016241- 22342-N	A3-TW-0016584- 22342-N	A3-TW-0017101- 22342-N	A3-TW-0017102- 22342-3-N	A3-TW-0017102- 22342-N	A3-TW-0017106- 22342-N
			Sample Date:	2023-03-22	2023-03-15	2023-03-22	2023-03-15	2023-03-20	2023-04-12	2023-04-12	2023-03-15
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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

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	Location ID:	A3-HERO6050	A3-HERO6061B Residence	A3-HERO6071A Residence	A3-HERO6159A Residence	A3-IBIS6186A Residence	A3-IBIS6186B		A3-IBIS6197
			Location Type:	Residence					Resid	dence	Residence
			Address:	6050 Heron Avenue	6061B Heron Avenue	6071A Heron Avenue	6159A Heron Avenue	6186A Ibis Avenue	6186B lb	is Avenue	6197 Ibis Avenue
			Field Sample ID:	A3-TW-0017094- 22342-N	A3-TW-0016141- 22342-N	A3-TW-0016241- 22342-N	A3-TW-0016584- 22342-N	A3-TW-0017101- 22342-N	A3-TW-0017102- 22342-3-N	A3-TW-0017102- 22342-N	A3-TW-0017106- 22342-N
			Sample Date:	2023-03-22	2023-03-15	2023-03-22	2023-03-15	2023-03-20	2023-04-12	2023-04-12	2023-03-15
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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			0.330	1.10	0.330	ND	0.280	ND	ND	ND
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.260	0.310	ND	ND	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	0.590	1.41	0.330	ND	0.280	ND	ND	ND

Notes:
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- Exceeds Screening Level
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Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
(Grab, Resample) = Additional follow-up sample

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		·	Location ID:	A3-IBIS6202A	A3-IBIS6210B	A3-IBIS6293B	A3-IBIS6376A	A3-IBIS6376B	A3-IROQ5001B	A3-IROQ5060A	A3-IROQ5063B
			Location Type:	Residence							
			Address:	6202A Ibis Avenue	6210B Ibis Avenue	6293B Ibis Avenue	6376A Ibis Avenue	6376B Ibis Avenue	5001B Iroquois Avenue	5060A Iroquois Avenue	5063B Iroquois Avenue
			Field Sample ID:	A3-TW-0017109- 22342-N	A3-TW-0017115- 22342-N	A3-TW-0017195- 22342-N	A3-TW-0016613- 22342-N	A3-TW-0016614- 22342-N	A3-TW-0016619- 22342-N	A3-TW-0017207- 22342-N	A3-TW-0017210- 22342-N
			Sample Date:	2023-02-13	2023-04-12	2023-02-13	2023-03-14	2023-01-24	2023-04-12	2023-01-27	2023-04-12
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	460	280	300	400	500	310	350	370
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	75.8	ND	ND	ND	ND	ND	60.7
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	ND	75.8	ND	ND	ND	ND	ND	60.7
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	0.100	0.180	ND	ND
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	1.90	2.10	2.00	2.20	2.60	2.30	1.90	2.10
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.90	1.50	2.00	1.60	1.90	1.60	1.60	1.60
	Copper	1300	MCL	14.1	31.1	19.9	10.2	18.3	37.2	15.6	62.6
	Lead	15	MCL	0.140	0.260	0.380	0.150	0.280	0.330	0.210	0.280
	Mercury	2	MCL	ND							
	Selenium	50	MCL	ND							
	Thallium	2	MCL	ND	0.0540	ND	ND	ND	0.0900	ND	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							

otes:
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		,	Location ID:	A3-IBIS6202A	A3-IBIS6210B	A3-IBIS6293B	A3-IBIS6376A	A3-IBIS6376B	A3-IROQ5001B	A3-IROQ5060A	A3-IROQ5063B
			Location Type:	Residence							
			Address:	6202A Ibis Avenue	6210B Ibis Avenue	6293B Ibis Avenue	6376A Ibis Avenue	6376B Ibis Avenue	5001B Iroquois Avenue	5060A Iroquois Avenue	5063B Iroquois Avenue
			Field Sample ID:	A3-TW-0017109- 22342-N	A3-TW-0017115- 22342-N	A3-TW-0017195- 22342-N	A3-TW-0016613- 22342-N	A3-TW-0016614- 22342-N	A3-TW-0016619- 22342-N	A3-TW-0017207- 22342-N	A3-TW-0017210- 22342-N
			Sample Date:	2023-02-13	2023-04-12	2023-02-13	2023-03-14	2023-01-24	2023-04-12	2023-01-27	2023-04-12
			Sample Type:	N (Normal)							
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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		,	Location ID:	A3-IBIS6202A	A3-IBIS6210B	A3-IBIS6293B	A3-IBIS6376A	A3-IBIS6376B	A3-IROQ5001B	A3-IROQ5060A	A3-IROQ5063B
			Location Type:	Residence							
			Address:	6202A Ibis Avenue	6210B Ibis Avenue	6293B Ibis Avenue	6376A Ibis Avenue	6376B Ibis Avenue	5001B Iroquois Avenue	5060A Iroquois Avenue	5063B Iroquois Avenue
			Field Sample ID:	A3-TW-0017109- 22342-N	A3-TW-0017115- 22342-N	A3-TW-0017195- 22342-N	A3-TW-0016613- 22342-N	A3-TW-0016614- 22342-N	A3-TW-0016619- 22342-N	A3-TW-0017207- 22342-N	A3-TW-0017210- 22342-N
			Sample Date:	2023-02-13	2023-04-12	2023-02-13	2023-03-14	2023-01-24	2023-04-12	2023-01-27	2023-04-12
			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			0.400	0.630	0.390	0.330	0.680	0.340	0.360	ND
	Chloroform			ND							
	Dibromochloromethane			0.280	0.350	0.290	0.270	0.400	ND	0.260	ND
	Total Trihalomethanes	80	MCL	0.680	0.980	0.680	0.600	1.08	0.340	0.620	ND

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		,	Location ID:	A3-IROQ5065A	A3-IROQ5103A	A3-IROQ5113B	A3-IROQ5119B	A3-IROQ5196	A3-IROQ5230B	A3-KELA4970B	A3-KELA4970C
			Location Type:	Residence							
			Address:	5065A Iroquois Avenue	5103A Iroquois Avenue	5113B Iroquois Avenue	5119B Iroquois Avenue	5196 Iroquois Avenue	5230B Iroquois Avenue	4970B Kela Place	4970C Kela Place
			Field Sample ID:	A3-TW-0017211- 22342-N	A3-TW-0016074- 22342-N	A3-TW-0016079- 22342-N	A3-TW-0016081- 22342-N	A3-TW-0016482- 22342-N	A3-TW-0016268- 22342-N	A3-TW-0016899- 22342-N	A3-TW-0016900- 22342-N
			Sample Date:	2023-03-14	2023-04-12	2023-04-13	2023-02-13	2023-04-14	2023-03-14	2023-01-24	2023-04-14
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	480	390	470	140	450	380	500	550
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			55.3	ND	52.1	ND	ND	ND	ND	79.2
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	55.3	ND	52.1	ND	ND	ND	ND	79.2
Metals (ppb)	Antimony	6	MCL	0.120	ND	ND	ND	ND	ND	0.110	ND
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.20	2.00	1.90	2.00	2.00	2.00	2.10	2.20
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.90	1.60	ND	1.90	1.70	2.00	ND	1.50
	Copper	1300	MCL	38.4	26.5	39.4	20.2	24.4	18.4	31.7	41.6
	Lead	15	MCL	0.300	0.290	0.240	0.190	0.300	0.220	0.270	0.280
	Mercury	2	MCL	ND	ND	ND	ND	0.0310	ND	ND	ND
	Selenium	50	MCL	ND							
	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	ND	ND	ND		0.0160	ND	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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			Location ID:	A3-IROQ5065A	A3-IROQ5103A	A3-IROQ5113B	A3-IROQ5119B	A3-IROQ5196	A3-IROQ5230B	A3-KELA4970B	A3-KELA4970C
			Location Type:	Residence							
			Address:	5065A Iroquois Avenue	5103A Iroquois Avenue	5113B Iroquois Avenue	5119B Iroquois Avenue	5196 Iroquois Avenue	5230B Iroquois Avenue	4970B Kela Place	4970C Kela Place
			Field Sample ID:	A3-TW-0017211- 22342-N	A3-TW-0016074- 22342-N	A3-TW-0016079- 22342-N	A3-TW-0016081- 22342-N	A3-TW-0016482- 22342-N	A3-TW-0016268- 22342-N	A3-TW-0016899- 22342-N	A3-TW-0016900- 22342-N
			Sample Date:	2023-03-14	2023-04-12	2023-04-13	2023-02-13	2023-04-14	2023-03-14	2023-01-24	2023-04-14
			Sample Type:	N (Normal)							
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		ND							
	Toluene	1000	MCL	ND							
	trans-1,2-Dichloroethene	100		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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		,	Location ID:	A3-IROQ5065A	A3-IROQ5103A	A3-IROQ5113B	A3-IROQ5119B	A3-IROQ5196	A3-IROQ5230B	A3-KELA4970B	A3-KELA4970C
			Location Type:	Residence							
			Address:	5065A Iroquois Avenue	5103A Iroquois Avenue	5113B Iroquois Avenue	5119B Iroquois Avenue	5196 Iroquois Avenue	5230B Iroquois Avenue	4970B Kela Place	4970C Kela Place
			Field Sample ID:	A3-TW-0017211- 22342-N	A3-TW-0016074- 22342-N	A3-TW-0016079- 22342-N	A3-TW-0016081- 22342-N	A3-TW-0016482- 22342-N	A3-TW-0016268- 22342-N	A3-TW-0016899- 22342-N	A3-TW-0016900- 22342-N
			Sample Date:	2023-03-14	2023-04-12	2023-04-13	2023-02-13	2023-04-14	2023-03-14	2023-01-24	2023-04-14
			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							
Frihalomethanes (ppb)	Bromodichloromethane			ND							
	Bromoform			ND	ND	0.300	0.390	ND	ND	0.310	0.780
	Chloroform			ND							
	Dibromochloromethane			ND	ND	ND	0.280	ND	ND	0.290	0.350
	Total Trihalomethanes	80	MCL	ND	ND	0.300	0.670	ND	ND	0.600	1.13

A3-KELA4976C

A3-MARI6029B

A3-MARI6034

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ib.	A3-KLLA4974A	AS-NELA4914B	AS-NELA4913A	A3-NELA4910A	A3-KLLA4970C	A3-IVIAINI0023B	A3-IVIA	A1110034
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Res	sidence
			Address:	4974A Kela Place	4974B Kela Place	4975A Kela Place	4976A Kela Place	4976C Kela Place	6029B Marina Drive	6034 Ma	arina Drive
			Field Sample ID:	A3-TW-0016842- 22342-N	A3-TW-0016843- 22342-N	A3-TW-0016845- 22342-N	A3-TW-0016848- 22342-N	A3-TW-0016850- 22342-N	A3-TW-0016856- 22342-N	A3-TW-0016858- 22342-3-N	A3-TW-0016858- 22342-N
			Sample Date:	2023-04-12	2023-04-14	2023-01-27	2023-01-27	2023-03-14	2023-04-25	2023-04-25	2023-04-25
			Sample Type:	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	460	450	520	530	450	440	450	450
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND						
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			72.1	56.3	53.9	ND	ND	72.3	60.3	ND
	Petroleum Hydrocarbons (as Gasoline)			ND	ND						
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND						
	Petroleum Hydrocarbons, Total	266	ISP	72.1	56.3	53.9	ND	ND	72.3	60.3	ND
Metals (ppb)	Antimony	6	MCL	ND	ND						
	Arsenic	10	MCL	ND	ND						
	Barium	2000	MCL	2.00	2.00	2.00	2.00	2.20	2.10	1.90	1.90
	Beryllium	4	MCL	ND	ND						
	Cadmium	5	MCL	ND	ND	ND	ND	0.0740	ND	ND	ND
	Chromium	100	MCL	1.50	1.50	1.60	1.80	1.60	1.50	1.60	1.70
	Copper	1300	MCL	11.8	9.60	11.9	34.0	9.10	28.4	14.6	15.7
	Lead	15	MCL	ND	ND	ND	0.190	0.180	0.250	0.220	0.240
	Mercury	2	MCL	ND	0.0260						
	Selenium	50	MCL	ND	ND						
	Thallium	2	MCL	ND	ND	ND	ND	0.0720	0.0620	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						

A3-KELA4974B

A3-KELA4975A

A3-KELA4976A

Location ID: A3-KELA4974A

A3-KELA4976C

A3-MARI6029B

A3-MARI6034

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

lotes:
ID = Not Detected
SP = Incident Specific Parameter
AL = DOH Environmental Action Level
PA MCL = EPA Maximum Contaminant Level
Il Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
I (Grab, Resample) = Additional follow-up sample

			Location ID:	A3-KELA49/4A	A3-KELA49/4B	A3-KELA49/5A	A3-KELA4976A	A3-KELA4976C	A3-MARI6029B	A3-IVIA	AR16034
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	dence
			Address:	4974A Kela Place	4974B Kela Place	4975A Kela Place	4976A Kela Place	4976C Kela Place	6029B Marina Drive	6034 Ma	arina Drive
			Field Sample ID:	A3-TW-0016842- 22342-N	A3-TW-0016843- 22342-N	A3-TW-0016845- 22342-N	A3-TW-0016848- 22342-N	A3-TW-0016850- 22342-N	A3-TW-0016856- 22342-N	A3-TW-0016858- 22342-3-N	A3-TW-0016858- 22342-N
			Sample Date:	2023-04-12	2023-04-14	2023-01-27	2023-01-27	2023-03-14	2023-04-25	2023-04-25	2023-04-25
			Sample Type:	N (Normal)	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						
	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						
laloacetic Acids (ppb)	Bromoacetic acid			ND	ND						
	Chloroacetic acid			ND	ND						
	Dibromoacetic acid			ND	ND						
	Dichloroacetic acid			ND	ND						

A3-KELA4974B

A3-KELA4975A

A3-KELA4976A

Location ID: A3-KELA4974A

Notes:	
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	
FD (Field Duplicate) = Extra sample taken for quality control	
N (Grab, Resample) = Additional follow-up sample	

			Location ID:	A3-KELA4974A	A3-KELA4974B	A3-KELA4975A	A3-KELA4976A	A3-KELA4976C	A3-MARI6029B	A3-MA	ARI6034
			Location Type:	Residence	Residence	Residence	Residence	Residence	Residence	Resi	idence
			Address:	4974A Kela Place	4974B Kela Place	4975A Kela Place	4976A Kela Place	4976C Kela Place	6029B Marina Drive	6034 Ma	arina Drive
			Field Sample ID:	A3-TW-0016842- 22342-N	A3-TW-0016843- 22342-N	A3-TW-0016845- 22342-N	A3-TW-0016848- 22342-N	A3-TW-0016850- 22342-N	A3-TW-0016856- 22342-N	A3-TW-0016858- 22342-3-N	A3-TW-0016858- 22342-N
			Sample Date:	2023-04-12	2023-04-14	2023-01-27	2023-01-27	2023-03-14	2023-04-25	2023-04-25	2023-04-25
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	0.300	0.470	0.430	0.260	ND	0.370	0.400
	Chloroform			ND	ND						
	Dibromochloromethane			ND	0.270	0.360	0.380	ND	ND	ND	ND
	Total Trihalomethanes	80	MCL	ND	0.570	0.830	0.810	0.260	ND	0.370	0.400

A3-MOKU4912C

A3-MOKU4912D

A3-MOKU4913A

A3-MOKU4913B

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

otes:
D = Not Detected
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Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
(Field Duplicate) = Extra sample taken for quality control
(Grab, Resample) = Additional follow-up sample

				1 7.0	7.10 11.10 10000	7.10	7.0	7.0	7.0	710 1110 10 10 10 1	710 1110110 10102
			Location Type:	Residence							
			Address:	4907C Mokupea Place	4908C Mokupea Place	4909D Mokupea Place	4911B Mokupea Place	4912C Mokupea Place	4912D Mokupea Place	e 4913A Mokupea Place	4913B Mokupea Place
			Field Sample ID:	A3-TW-0016866- 22342-N	A3-TW-0016869- 22342-N	A3-TW-0016640- 22342-N	A3-TW-0016644- 22342-N	A3-TW-0016647- 22342-N	A3-TW-0016648- 22342-N	A3-TW-0016649- 22342-N	A3-TW-0016650- 22342-N
			Sample Date:	2023-01-24	2023-03-22	2023-01-24	2023-01-24	2023-01-24	2023-04-12	2023-04-13	2023-04-14
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	190	510	120	400	540	410	330	420
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	ND	ND	ND	ND	57.9	ND	52.1
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	ND	57.9	ND	52.1
Metals (ppb)	Antimony	6	MCL	ND							
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.10	1.90	2.00	2.00	2.10	2.00	1.90	2.00
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND							
	Chromium	100	MCL	1.70	1.70	ND	ND	ND	1.70	ND	1.60
	Copper	1300	MCL	56.0	14.4	11.8	44.7	15.5	13.3	10.7	9.00
	Lead	15	MCL	0.310	0.180	2.60	0.310	ND	ND	0.300	0.130
	Mercury	2	MCL	ND							
	Selenium	50	MCL	ND							
	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							
	1,1-Dichloroethene	7	MCL	ND							

A3-MOKU4908C

Location ID: A3-MOKU4907C

A3-MOKU4909D

A3-MOKU4911B

A3-MOKU4912C

A3-MOKU4912D

A3-MOKU4913A

A3-MOKU4913B

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

Notes:
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= No Information Available
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			Location ib.	A3-MOR04907C	A3-WOR04900C	A3-WOR04909D	A3-WOR04911B	A3-WOR04912C	A3-WOR04912D	A3-WOR04913A	A3-WOR04913B
			Location Type:	Residence							
			Address:	4907C Mokupea Place	4908C Mokupea Place	4909D Mokupea Place	4911B Mokupea Place	4912C Mokupea Place	4912D Mokupea Place	4913A Mokupea Place	4913B Mokupea Place
			Field Sample ID:	A3-TW-0016866- 22342-N	A3-TW-0016869- 22342-N	A3-TW-0016640- 22342-N	A3-TW-0016644- 22342-N	A3-TW-0016647- 22342-N	A3-TW-0016648- 22342-N	A3-TW-0016649- 22342-N	A3-TW-0016650- 22342-N
			Sample Date:	2023-01-24	2023-03-22	2023-01-24	2023-01-24	2023-01-24	2023-04-12	2023-04-13	2023-04-14
			Sample Type:	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							
	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							
	Dibromoacetic acid			ND							
	Dichloroacetic acid			ND							

A3-MOKU4908C

A3-MOKU4909D

A3-MOKU4911B

Location ID: A3-MOKU4907C

Notes:	
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	
FD (Field Duplicate) = Extra sample taken for quality control	
N (Grab, Resample) = Additional follow-up sample	

			Location ID:	A3-MOKU4907C	A3-MOKU4908C	A3-MOKU4909D	A3-MOKU4911B	A3-MOKU4912C	A3-MOKU4912D	A3-MOKU4913A	A3-MOKU4913B
			Location Type:	Residence							
			Address:	4907C Mokupea Place	4908C Mokupea Place	4909D Mokupea Place	4911B Mokupea Place	4912C Mokupea Place	4912D Mokupea Place	4913A Mokupea Plac	e 4913B Mokupea Place
			Field Sample ID:	A3-TW-0016866- 22342-N	A3-TW-0016869- 22342-N	A3-TW-0016640- 22342-N	A3-TW-0016644- 22342-N	A3-TW-0016647- 22342-N	A3-TW-0016648- 22342-N	A3-TW-0016649- 22342-N	A3-TW-0016650- 22342-N
			Sample Date:	2023-01-24	2023-03-22	2023-01-24	2023-01-24	2023-01-24	2023-04-12	2023-04-13	2023-04-14
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Haloacetic Acids (ppb)	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							
Trihalomethanes (ppb)	Bromodichloromethane			ND							
	Bromoform			0.520	ND	0.320	0.400	0.340	0.270	0.260	0.410
	Chloroform			ND							
	Dibromochloromethane			0.300	ND	0.280	0.350	0.280	ND	ND	0.280
	Total Trihalomethanes	80	MCL	0.820	ND	0.600	0.750	0.620	0.270	0.260	0.690

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		,	Location ID:	A3-MOKU4914D	A3-MOKU4915B	A3-WEHA4835C	A3-WEHI4954A	A3-WEHI4956C	A3-WEKA4740A	A3-WEKA4743B	A3-WEKA4744A
			Location Type:	Residence							
			Address:	4914D Mokupea Place	4915B Mokupea Place	4835C West Eha Way	4954A West Ehiku Way	4956C West Ehiku Way	4740A West Ekahi Way	4743B West Ekahi Way	4744A West Ekahi Way
			Field Sample ID:	A3-TW-0016656- 22342-N	A3-TW-0016658- 22342-N	A3-TW-0016733- 22342-N	A3-TW-0016757- 22342-N	A3-TW-0016767- 22342-N	A3-TW-0016769- 22342-N	A3-TW-0016782- 22342-N	A3-TW-0016785- 22342-N
			Sample Date:	2023-04-12	2023-03-20	2023-03-22	2023-04-12	2023-01-24	2023-01-24	2023-04-12	2023-04-13
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Field Test (ppb)	Free Chlorine	4000	MCL	440	550	440	460	550	440	500	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND							
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			57.4	72.6	ND	ND	ND	ND	56.2	59.4
	Petroleum Hydrocarbons (as Gasoline)			ND							
	Petroleum Hydrocarbons (as Motor Oil)			ND							
	Petroleum Hydrocarbons, Total	266	ISP	57.4	72.6	ND	ND	ND	ND	56.2	59.4
Metals (ppb)	Antimony	6	MCL	ND							
	Arsenic	10	MCL	ND							
	Barium	2000	MCL	2.00	2.50	2.00	2.10	2.10	2.20	2.10	2.10
	Beryllium	4	MCL	ND							
	Cadmium	5	MCL	ND	0.0800	ND	ND	ND	ND	ND	ND
	Chromium	100	MCL	1.70	2.30	1.90	1.60	ND	ND	1.80	ND
	Copper	1300	MCL	16.8	12.9	18.4	7.80	10.3	12.9	19.1	44.8
	Lead	15	MCL	0.530	0.220	ND	ND	0.160	ND	ND	1.10
	Mercury	2	MCL	ND							
	Selenium	50	MCL	ND							
	Thallium	2	MCL	ND	0.0670	ND	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND							
	2-Methylnaphthalene	10	EAL	ND							
	Benzo(a)pyrene	0.2	MCL	ND	0.0460	ND	ND	0.0100	ND	ND	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							

otes:	
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ll Results shown in Parts per Billion (ppb)	
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			Location ID:	A3-MOKU4914D	A3-MOKU4915B	A3-WEHA4835C	A3-WEHI4954A	A3-WEHI4956C	A3-WEKA4740A	A3-WEKA4743B	A3-WEKA4744A
			Location Type:	Residence							
			Address:	4914D Mokupea Place	4915B Mokupea Place	4835C West Eha Way	4954A West Ehiku Way	4956C West Ehiku Way	4740A West Ekahi Way	4743B West Ekahi Way	4744A West Ekahi Way
			Field Sample ID:	A3-TW-0016656- 22342-N	A3-TW-0016658- 22342-N	A3-TW-0016733- 22342-N	A3-TW-0016757- 22342-N	A3-TW-0016767- 22342-N	A3-TW-0016769- 22342-N	A3-TW-0016782- 22342-N	A3-TW-0016785- 22342-N
			Sample Date:	2023-04-12	2023-03-20	2023-03-22	2023-04-12	2023-01-24	2023-01-24	2023-04-12	2023-04-13
			Sample Type:	N (Normal)							
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							

Notes:	
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EPA MCL = EPA Maximum Contaminant Level	
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		<u>, </u>	Location ID:	A3-MOKU4914D	A3-MOKU4915B	A3-WEHA4835C	A3-WEHI4954A	A3-WEHI4956C	A3-WEKA4740A	A3-WEKA4743B	A3-WEKA4744A
			Location Type:	Residence							
			Address:	4914D Mokupea Place	4915B Mokupea Place	4835C West Eha Way	4954A West Ehiku Way	4956C West Ehiku Way	4740A West Ekahi Way	4743B West Ekahi Way	4744A West Ekahi Way
			Field Sample ID:	A3-TW-0016656- 22342-N	A3-TW-0016658- 22342-N	A3-TW-0016733- 22342-N	A3-TW-0016757- 22342-N	A3-TW-0016767- 22342-N	A3-TW-0016769- 22342-N	A3-TW-0016782- 22342-N	A3-TW-0016785- 22342-N
			Sample Date:	2023-04-12	2023-03-20	2023-03-22	2023-04-12	2023-01-24	2023-01-24	2023-04-12	2023-04-13
			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			ND	0.260	ND	ND	0.450	0.340	ND	0.380
	Chloroform			ND							
	Dibromochloromethane			ND	ND	ND	ND	0.370	0.300	ND	0.250
	Total Trihalomethanes	80	MCL	ND	0.260	ND	ND	0.820	0.640	ND	0.630

Notes:
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N (Normal) = Full compliance sample
FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

	!							
			Location ID:	A3-WEKO4802B	A3-WEKO4803A	A3-WELU4771B	A3-WELU4772B	A3-WELU4775B
			Location Type:	Residence	Residence	Residence	Residence	Residence
			Address:	4802B West Ekolu Way	4803A West Ekolu Way	4771B West Elua Way	4772B West Elua Way	4775B West Elua Way
			Field Sample ID:	A3-TW-0016794- 22342-N	A3-TW-0016795- 22342-N	A3-TW-0016818- 22342-N	A3-TW-0016822- 22342-N	A3-TW-0016834- 22342-N
			Sample Date:	2023-01-24	2023-04-14	2023-04-14	2023-04-12	2023-01-24
			Sample Type:	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Field Test (ppb)	Free Chlorine	4000	MCL	480	480	540	460	380
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	ND
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	56.6	ND	52.1	ND
	Petroleum Hydrocarbons (as Gasoline)			ND	ND	ND	ND	ND
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND	ND	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	56.6	ND	52.1	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.00	2.00	2.00	2.00	2.20
	Beryllium	4	MCL	ND	ND	ND	ND	ND
	Cadmium	5	MCL	ND	ND	ND	ND	ND
	Chromium	100	MCL	ND	1.50	1.50	1.60	ND
	Copper	1300	MCL	15.9	40.8	11.9	9.80	22.2
	Lead	15	MCL	ND	0.130	ND	ND	0.350
	Mercury	2	MCL	ND	0.0300	0.0320	ND	ND
	Selenium	50	MCL	ND	ND	ND	ND	ND
	Thallium	2	MCL	ND	ND	ND	ND	ND
Synthetic Organic Compounds (ppb)	1-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	2-Methylnaphthalene	10	EAL	ND	ND	ND	ND	ND
	Benzo(a)pyrene	0.2	MCL	ND	ND	ND	ND	ND
	Bis(2-ethylhexyl)phthalate	6	MCL	ND	ND	ND	ND	ND
	Naphthalene	17	EAL	ND	ND	ND	ND	ND
Volatile Organic Compounds (ppb)	1,1,1-Trichloroethane			ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	5	MCL	ND	ND	ND	ND	ND

otes:
D = Not Detected
P = Incident Specific Parameter
AL = DOH Environmental Action Level
PA MCL = EPA Maximum Contaminant Level
Il Results shown in Parts per Billion (ppb)
- Exceeds Screening Level
= No Information Available
(Normal) = Full compliance sample
D (Field Duplicate) = Extra sample taken for quality control
(Grab, Resample) = Additional follow-up sample

			Location ID:	A3-WEKO4802B	A3-WEKO4803A	A3-WELU4771B	A3-WELU4772B	A3-WELU4775B
			Location Type:	Residence	Residence	Residence	Residence	Residence
			Address:	4802B West Ekolu Way	4803A West Ekolu Way	4771B West Elua Way	4772B West Elua Way	4775B West Elua Way
			Field Sample ID:	A3-TW-0016794- 22342-N	A3-TW-0016795- 22342-N	A3-TW-0016818- 22342-N	A3-TW-0016822- 22342-N	A3-TW-0016834- 22342-N
			Sample Date:	2023-01-24	2023-04-14	2023-04-14	2023-04-12	2023-01-24
			Sample Type:	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	ND	ND
	1,2,4-Trichlorobenzene	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethane	5	MCL	ND	ND	ND	ND	ND
	1,2-Dichloroethene (Total)	70	MCL	ND	ND	ND	ND	ND
	1,2-Dichloropropane	5	MCL	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	75	MCL	ND	ND	ND	ND	ND
	Benzene	5	MCL	ND	ND	ND	ND	ND
	Carbon Tetrachloride	5	MCL	ND	ND	ND	ND	ND
	Chlorobenzene	100	MCL	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	70	MCL	ND	ND	ND	ND	ND
	Ethylbenzene	700	MCL	ND	ND	ND	ND	ND
	m,p-Xylene			ND	ND	ND	ND	ND
	Methylene chloride	5	MCL	ND	ND	ND	ND	ND
	o-Xylene			ND	ND	ND	ND	ND
	Styrene	100	MCL	ND	ND	ND	ND	ND
	Tetrachloroethene (PCE)	5	MCL	ND	ND	ND	ND	ND
	Toluene	1000	MCL	ND	ND	ND	ND	ND
	trans-1,2-Dichloroethene	100	MCL	ND	ND	ND	ND	ND
	Trichloroethene (TCE)	5	MCL	ND	ND	ND	ND	ND
	Vinyl chloride	2	MCL	ND	ND	ND	ND	ND
	Xylenes, Total	10000	MCL	ND	ND	ND	ND	ND
Haloacetic Acids (ppb)	Bromoacetic acid			ND	ND	ND	ND	ND
	Chloroacetic acid			ND	ND	ND	ND	ND

Notes:
ND = Not Detected
ISP = Incident Specific Parameter
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EPA MCL = EPA Maximum Contaminant Level
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= No Information Available
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FD (Field Duplicate) = Extra sample taken for quality control
N (Grab, Resample) = Additional follow-up sample

			Location ID:	A3-WEKO4802B	A3-WEKO4803A	A3-WELU4771B	A3-WELU4772B	A3-WELU4775B
			Location Type:	Residence	Residence	Residence	Residence	Residence
			Address:	4802B West Ekolu Way	4803A West Ekolu Way	4771B West Elua Way	4772B West Elua Way	4775B West Elua Way
			Field Sample ID:	A3-TW-0016794- 22342-N	A3-TW-0016795- 22342-N	A3-TW-0016818- 22342-N	A3-TW-0016822- 22342-N	A3-TW-0016834- 22342-N
			Sample Date:	2023-01-24	2023-04-14	2023-04-14	2023-04-12	2023-01-24
			Sample Type:	N (Normal)				
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level					
Haloacetic Acids (ppb)	Dibromoacetic acid			ND	ND	ND	ND	ND
	Dichloroacetic acid			ND	ND	ND	ND	ND
	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			0.370	0.470	0.480	ND	0.450
	Chloroform			ND	ND	ND	ND	ND
	Dibromochloromethane			0.310	0.280	0.310	ND	0.300
	Total Trihalomethanes	80	MCL	0.680	0.750	0.790	ND	0.750

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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		l	Location ID:	n ID: A3-CORM5553						A3-IROQ5111			
			Location Type:			School				School			
			Address:	Iroquois Point Elementary, 5553 Cormorant Ave					Iroquois Point Pre-School, 5111 Iroquois Ave				
			Field Sample ID:	A3-TW-0012582- 22342-N-1	A3-TW-0012582- 22342-N-2	A3-TW-0012582- 22342-N-3	A3-TW-0012582- 22342-N-4	A3-TW-0012582- 22342-N-5	A3-TW-0012569- 22342-3-N-3	A3-TW-0012569- 22342-N-1	A3-TW-0012569- 22342-N-2		
			Sample Date:	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13		
			Sample Type:	N (Normal)	N (Normal)	N (Normal)	N (Normal)	N (Normal)	FD (Field Duplicate)	N (Normal)	N (Normal)		
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level										
Field Test (ppb)	Free Chlorine	4000	MCL	40.0-280	40.0-280	40.0-280	40.0-280	40.0-280	400-440	400-440	400-440		
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	ND	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)			ND	ND	ND	ND	70.9	ND	ND	ND		
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	ND	70.9	ND	ND	ND		
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	0.130	ND	ND		
	Arsenic	10	MCL	ND	ND	ND	ND	ND	ND	ND	ND		
	Barium	2000	MCL	2.10	2.20	2.10	2.10	2.30	2.10	1.90	2.20		
	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	1.90	2.00	2.00	2.00	2.10	2.00	1.90	2.20		
	Copper	1300	MCL	23.0	204	194	102	48.9	44.8	49.2	37.4		
	Lead	15	MCL	0.190	0.260	0.160	0.170	1.10	0.960	0.260	0.210		
	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		

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Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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	<u> </u>								1			
		Location ID: A3-CORM5553							A3-IROQ5111			
			Location Type:			School				School		
			Address:		Iroquois Po	oint Elementary, 5553 Co	ormorant Ave		Iroquois Point Pre-School, 5111 Iroquois Ave			
			Field Sample ID:	A3-TW-0012582- 22342-N-1	A3-TW-0012582- 22342-N-2	A3-TW-0012582- 22342-N-3	A3-TW-0012582- 22342-N-4	A3-TW-0012582- 22342-N-5	A3-TW-0012569- 22342-3-N-3	A3-TW-0012569- 22342-N-1	A3-TW-0012569- 22342-N-2	
			Sample Date:	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	2023-02-13	
			Sample Type:	N (Normal)	FD (Field Duplicate)	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	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	

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			Location ID:					A3-IROQ5111 School			
			Location Type:								
			Address:		Iroquois Point Elementary, 5553 Cormorant Ave			Iroquois Point Pre-School, 5111 Iroquois Ave			
			Field Sample ID: Sample Date: Sample Type:	22342-N-1 2023-02-13	A3-TW-0012582- 22342-N-2 2023-02-13 N (Normal)	A3-TW-0012582- 22342-N-3 2023-02-13 N (Normal)	A3-TW-0012582- 22342-N-4 2023-02-13 N (Normal)	A3-TW-0012582- 22342-N-5 2023-02-13 N (Normal)	A3-TW-0012569- 22342-3-N-3 2023-02-13 FD (Field Duplicate)	A3-TW-0012569- 22342-N-1 2023-02-13 N (Normal)	A3-TW-0012569- 22342-N-2 2023-02-13 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	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			1.20	0.860	0.770	2.50	0.770	0.390	0.350	0.330
	Chloroform			ND	ND	ND	ND	ND	ND	ND	ND
	Dibromochloromethane			0.630	0.350	0.450	0.790	0.430	0.290	0.250	0.250
	Total Trihalomethanes	80	MCL	1.83	1.21	1.22	3.29	1.20	0.680	0.600	0.580

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			Location ID:		A3-IROQ5111		
			Location Type:		School		
			Address:	Iroquois Point Pre-School, 5111 Iroquois Ave			
			Addiess.	moquois i ointi re-octioni, 3111 moquois Ave			
			Field Sample ID:	A3-TW-0012569- 22342-N-3	A3-TW-0012569- 22342-N-4	A3-TW-0012569- 22342-N-5	
			Sample Date:	2023-02-13	2023-02-13	2023-02-13	
			Sample Type:	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	400-440	400-440	400-440	
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	ND	
Hydrocarbons (ppb)	Petroleum Hydrocarbons (as Diesel)			ND	ND	ND	
	Petroleum Hydrocarbons (as Gasoline)			ND	ND	ND	
	Petroleum Hydrocarbons (as Motor Oil)			ND	ND	ND	
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	ND	
Metals (ppb)	Antimony	6	MCL	ND	0.100	ND	
	Arsenic	10	MCL	ND	ND	ND	
	Barium	2000	MCL	1.90	2.10	2.10	
	Beryllium	4	MCL	ND	ND	ND	
	Cadmium	5	MCL	ND	ND	ND	
	Chromium	100	MCL	1.80	2.00	2.00	
	Copper	1300	MCL	45.1	48.0	32.3	
	Lead	15	MCL	0.240	0.260	0.460	
	Mercury	2	MCL	ND	ND	ND	
	Selenium	50	MCL	ND	ND	ND	
	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	

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Location ID: A3-IR0					A3-IROQ5111		
			Location Type:	: School			
			Address:	Iroquois P	Iroquois Point Pre-School, 5111 Iroquois Ave		
			Field Sample ID:	A3-TW-0012569- 22342-N-3	A3-TW-0012569- 22342-N-4	A3-TW-0012569- 22342-N-5	
			Sample Date:	2023-02-13	2023-02-13	2023-02-13	
			Sample Type:	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	
Haloacetic Acids (ppb)	Bromoacetic acid			ND	ND	ND	
	Chloroacetic acid			ND	ND	ND	

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		,	Location ID:	School			
			Location Type:				
			Address:				
			Field Sample ID:	A3-TW-0012569- 22342-N-3	A3-TW-0012569- 22342-N-4	A3-TW-0012569- 22342-N-5	
			Sample Date:	2023-02-13	2023-02-13	2023-02-13	
			Sample Type:	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	
	Dichloroacetic acid			ND	ND	ND	
	Trichloroacetic acid			ND	ND	ND	
	Total Haloacetic acids	60	MCL	ND	ND	ND	
Trihalomethanes (ppb)	Bromodichloromethane			ND	ND	ND	
	Bromoform			0.430	0.360	0.300	
	Chloroform			ND	ND	ND	
	Dibromochloromethane			0.300	0.290	ND	
	Total Trihalomethanes	80	MCL	0.730	0.650	0.300	

Summary of Chemistry Results Zone A3 Long Term Monitoring Drinking Water Sampling, Joint Base Pearl Harbor - Hickam, Oahu, Hawaii

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			Location ID:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809	A3-HYD908	A3-HYD920
			Location Type:	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant	Hydrant
			Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28	SA-JFH-72	SA-JFH-7
			Field Sample ID:	A3-DL-0000504-22342 -N	A3-DL-0017762-22342 -N	A3-DL-0017763-22342 -N	A3-DL-0017764-2234: -N	2 A3-DL-0017765-22342 -N	A3-DL-0017766-2234 -N	A3-DL-0017767-22342 -N	A3-DL-0017768-2234 -N
			Sample Date:	2023-02-14	2023-02-13	2023-02-14	2023-03-14	2023-01-27	2023-01-27	2023-03-14	2023-01-27
			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	540	350	40.0	440	460	480	360	320
General Chemistry (ppb)	Total Organic Carbon	2000	ISP	ND	ND	580	ND	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)			ND	ND	69.7	ND	ND	62.0	ND	ND
	Petroleum Hydrocarbons, Total	266	ISP	ND	ND	69.7	ND	ND	62.0	ND	ND
Metals (ppb)	Antimony	6	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	10	MCL	ND	ND	0.570	ND	ND	ND	ND	ND
	Barium	2000	MCL	2.60	2.10	17.8	2.00	1.90	1.90	2.10	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	1.80	1.80	1.60	1.60	1.60	1.50	1.60
	Mercury	2	MCL	ND	ND	ND	ND	ND	ND	ND	ND
	Selenium	50	MCL	ND	ND	1.20	0.320	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
	1,2-Dichlorobenzene	600	MCL	ND	ND	ND	ND	ND	ND	ND	ND

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Notes:
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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
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			Location ID:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809	A3-HYD908	A3-HYD920
			Location Type:	Hydrant							
			Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28	SA-JFH-72	SA-JFH-7
			Field Sample ID:	A3-DL-0000504-22342 -N	A3-DL-0017762-22342 -N	A3-DL-0017763-22342 -N	A3-DL-0017764-22342 -N	A3-DL-0017765-22342 -N	A3-DL-0017766-22342 -N	A3-DL-0017767-22342 -N	A3-DL-0017768-22342 -N
			Sample Date:	2023-02-14	2023-02-13	2023-02-14	2023-03-14	2023-01-27	2023-01-27	2023-03-14	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Volatile Organic Compounds (ppb)	1,2-Dichloroethane	5		ND							
	1,2-Dichloroethene (Total)	70	MCL	ND							
	1,2-Dichloropropane	5		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							
	Dibromoacetic acid			ND							
	Dichloroacetic acid			ND							
	Trichloroacetic acid			ND							
	Total Haloacetic acids	60	MCL	ND							

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			Location ID:	A3-HYD1426	A3-HYD1743	A3-HYD2499	A3-HYD663	A3-HYD664	A3-HYD809	A3-HYD908	A3-HYD920
			Location Type:	Hydrant							
			Address:	FH ID: SA-LFH 2	A3-SA-JFH-44	FH752	SA-JFH-52	SA-JFH-4	SA-JFH-28	SA-JFH-72	SA-JFH-7
			Field Sample ID:	A3-DL-0000504-22342 -N	A3-DL-0017762-22342 -N	A3-DL-0017763-22342 -N	A3-DL-0017764-22342 -N	A3-DL-0017765-22342 -N	A3-DL-0017766-22342 -N	A3-DL-0017767-22342 -N	A3-DL-0017768-22342 -N
			Sample Date:	2023-02-14	2023-02-13	2023-02-14	2023-03-14	2023-01-27	2023-01-27	2023-03-14	2023-01-27
			Sample Type:	N (Normal)							
Method Group	Analyte	DOH Project Screening Level	Basis of Project Screening Level								
Trihalomethanes (ppb)	Bromodichloromethane			ND	ND	11.5	ND	ND	ND	ND	ND
	Bromoform			0.700	0.370	29.8	ND	0.370	0.290	ND	0.350
	Chloroform			ND	ND	8.70	ND	ND	ND	ND	ND
	Dibromochloromethane			0.520	0.290	20.4	ND	0.300	ND	ND	ND
	Total Trihalomethanes	80	MCL	1.22	0.660	70.4	ND	0.670	0.290	ND	0.350