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ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
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Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Quarterly: Aiea Gulch Wells Pump 1

JOB NUMBER

380-207013-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Drinking Water and Wastewater West, LLC Project Manager.

Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

Authorization

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Authorized for release by
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
380-207013-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/8/2026 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.1°C.

GC/MS VOA
524.2_SIM for Trip Blank for TBA analysis for (TB: Aiea Gulch Wells Pump I (331-201-TP071) was excluded due to QC issues. Analysis of the Field Blank is required only if a field sample contains a method analyte or analytes at, or above, the MRL. Sample results showed ND thus valid for reporting. (XWB4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 625.1 SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-722458 and analytical batch 570-724634 recovered outside control limits for the following analyte(s): 4-Chloroaniline, Aniline and Benzidine. 4-Chloroaniline, Aniline and Benzidine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 625.1 SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-722458 and analytical batch 570-724634 recovered outside control limits for the following analytes: 4-Chloroaniline.Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 625.1 SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-722458 and analytical batch 570-724634 recovered outside control limits for the following analytes: Aniline.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Gasoline Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Hydrocarbons
Method 8015B: The continuing calibration verification (CCV) associated with 570-723893 recovered high and outside the control limits for Ethanol and Hexafluoro-2-propanol (Surr) on one column. Results are confirmed on both columns and reported from the passing column.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-723893 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-723893 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides/PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300.0: The following sample was diluted for Nitrite as N to prevent detector saturation due to high conductivity: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-207013-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 200.7 Rev 4.4: The continuing calibration blank (CCB) for analytical batch 380-218923 contained Potassium above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method SM 4500 S2 D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 380-219498 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Bromide	200		5.0		ug/L	1		300.0	Total/NA
Chloride	89		2.5		mg/L	5		300.0	Total/NA
Nitrate as N	0.55		0.25		mg/L	5		300.0	Total/NA
Sulfate	13		1.3		mg/L	5		300.0	Total/NA
Calcium	20		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	16		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	2.2	^2	0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	32		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	1.7		0.90		ug/L	1		200.8	Total/NA
Copper	2.7		1.0		ug/L	1		200.8	Total/NA
Alkalinity	54		2.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	54		2.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	420		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	280		20		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF			SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	<0.50		0.50		ug/L			04/09/26 16:11	1

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/21/26 17:40	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:11	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/09/26 16:11	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:11	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/09/26 16:11	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/09/26 16:11	1
Acetone	<500		500		ug/L			04/09/26 16:11	1
Benzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromobenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromochloromethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromodichloromethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromoethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromoform	<0.50		0.50		ug/L			04/09/26 16:11	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/09/26 16:11	1
Carbon disulfide	<0.50		0.50		ug/L			04/09/26 16:11	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/09/26 16:11	1
Chlorobenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Chloroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/09/26 16:11	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/09/26 16:11	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 16:11	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:11	1
Dibromomethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Dichloromethane	<0.50	*1	0.50		ug/L			04/09/26 16:11	1
Diisopropyl ether	<3.0		3.0		ug/L			04/09/26 16:11	1
Ethylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/09/26 16:11	1
Isopropylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.50		0.50		ug/L			04/09/26 16:11	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/09/26 16:11	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/09/26 16:11	1
Naphthalene	<0.50		0.50		ug/L			04/09/26 16:11	1
n-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
N-Propylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 16:11	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/09/26 16:11	1
o-Xylene	<0.50		0.50		ug/L			04/09/26 16:11	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 16:11	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/09/26 16:11	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/09/26 16:11	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Styrene	<0.50		0.50		ug/L			04/09/26 16:11	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/09/26 16:11	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/09/26 16:11	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:11	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/09/26 16:11	1
Toluene	<0.50		0.50		ug/L			04/09/26 16:11	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 16:11	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:11	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/09/26 16:11	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/09/26 16:11	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/09/26 16:11	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/09/26 16:11	1
Xylenes, Total	<0.50		0.50		ug/L			04/09/26 16:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/09/26 16:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/21/26 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/21/26 18:02*	*1*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*		*04/21/26 17:40*	*1*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*		*04/21/26 18:02*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/21/26 17:40*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/21/26 18:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*04/09/26 16:11*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*04/09/26 16:11*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/09/26 16:11*	*1*

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
2,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
2,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
4,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
4,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Acenaphthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Acenaphthylene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Acetochlor	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Alachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
alpha-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
alpha-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Anthracene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 10:21	1
Atrazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 10:21	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 10:21	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 10:21	1
beta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 10:21	1
Aldrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Bromacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Butachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 10:21	1
Chlorobenzilate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Chloroneb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Chlorpyrifos	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Chrysene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 10:21	1
delta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 10:21	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Dieldrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Diethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 10:21	1
Dimethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 10:21	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/13/26 15:53	04/15/26 10:21	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Endrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Endrin aldehyde	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
EPTC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Fluoranthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Fluorene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
gamma-BHC (Lindane)	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
gamma-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Heptachlor	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Lab Sample ID: 380-207013-1
Matrix: Drinking Water
PWSID Number: HI0000331

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Isophorone	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Malathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Methoxychlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Metolachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Molinate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Naphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Parathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Phenanthrene	<0.039		0.039		ug/L		04/13/26 15:53	04/15/26 10:21	1
Propachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Simazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Terbacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Terbuthylazine	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Thiobencarb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/13/26 15:53	04/15/26 10:21	1
trans-Nonachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 10:21	1
Trifluralin	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
1-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 10:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/13/26 15:53*	*04/15/26 10:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*04/13/26 15:53*	*04/15/26 10:21*	*1*
Perylene-d12	*89*		*70 - 130*	*04/13/26 15:53*	*04/15/26 10:21*	*1*
Triphenylphosphate	*94*		*70 - 130*	*04/13/26 15:53*	*04/15/26 10:21*	*1*

Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
2,4,5-Trichlorophenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
2,4,6-Trichlorophenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
2,4-Dichlorophenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
2,4-Dinitrophenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
2,6-Dichlorophenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Chloronaphthalene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Chlorophenol	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Methylphenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Nitroaniline	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
2-Nitrophenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
3/4-Methylphenol	<1.9		1.9		ug/L		04/10/26 09:15	04/15/26 11:56	1
3-Nitroaniline	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
4,6-Dinitro-2-methylphenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
4-Bromophenyl phenyl ether	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-207013-1
Date Collected: 04/07/26 09:57
Matrix: Drinking Water
Date Received: 04/08/26 10:00
PWSID Number: HI0000331

Method: EPA 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
4-Chloroaniline	<4.8	*- *1	4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
4-Chlorophenyl phenyl ether	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
4-Nitroaniline	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
4-Nitrophenol	<4.8		4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
Acenaphthene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Acenaphthylene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Aniline	<0.19	*- *1	0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Anthracene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzidine	<4.8	*-	4.8		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzoic acid	<9.7		9.7		ug/L		04/10/26 09:15	04/15/26 11:56	1
Benzyl alcohol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
Bis(2-chloroethoxy)methane	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Bis(2-chloroethyl)ether	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
bis (2-Chloroisopropyl) ether	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Chrysene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Dibenzofuran	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Fluoranthene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Fluorene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Hexachloroethane	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Naphthalene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Nitrobenzene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
N-Nitrosodi-n-propylamine	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
N-Nitrosodiphenylamine	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Pentachlorophenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
Phenanthrene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1
Phenol	<0.97		0.97		ug/L		04/10/26 09:15	04/15/26 11:56	1
Pyrene	<0.19		0.19		ug/L		04/10/26 09:15	04/15/26 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*28 - 127*	*04/10/26 09:15*	*04/15/26 11:56*	*1*
2-Fluorobiphenyl (Surr)	*87*		*31 - 120*	*04/10/26 09:15*	*04/15/26 11:56*	*1*
2-Fluorophenol (Surr)	*57*		*17 - 120*	*04/10/26 09:15*	*04/15/26 11:56*	*1*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*	*04/10/26 09:15*	*04/15/26 11:56*	*1*
Phenol-d6 (Surr)	*35*		*10 - 120*	*04/10/26 09:15*	*04/15/26 11:56*	*1*
p-Terphenyl-d14 (Surr)	*82*		*45 - 120*	*04/10/26 09:15*	*04/15/26 11:56*	*1*

Method: EPA 625.1 - Semivolatile Organic Compounds (GC/MS)

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/10/26 09:15*	*04/16/26 12:57*	*1*

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Lab Sample ID: 380-207013-1

Matrix: Drinking Water
PWSID Number: HI0000331

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*33 - 139*	*04/10/26 09:15*	*04/16/26 12:57*	*1*
2-Fluorobiphenyl (Surr)	*89*		*33 - 126*	*04/10/26 09:15*	*04/16/26 12:57*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 120*	*04/10/26 09:15*	*04/16/26 12:57*	*1*
Nitrobenzene-d5 (Surr)	*94*		*36 - 120*	*04/10/26 09:15*	*04/16/26 12:57*	*1*
Phenol-d6 (Surr)	*36*		*10 - 120*	*04/10/26 09:15*	*04/16/26 12:57*	*1*
p-Terphenyl-d14 (Surr)	*91*		*47 - 131*	*04/10/26 09:15*	*04/16/26 12:57*	*1*

Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			04/17/26 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*		*04/17/26 22:24*	*1*

Method: EPA-DW2 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.020		0.020	ug/L		04/09/26 15:42	04/10/26 11:47	1
1,2-Dibromo-3-Chloropropane	<0.0099		0.0099	ug/L		04/09/26 15:42	04/10/26 11:47	1
1,2-Dibromoethane	<0.0099		0.0099	ug/L		04/09/26 15:42	04/10/26 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*109*		*60 - 140*	*04/09/26 15:42*	*04/10/26 11:47*	*1*

Method: EPA 505 - Organochlorine Pesticides/PCBs (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.50		0.50	ug/L		04/09/26 15:34	04/10/26 00:48	1
Chlordane (n.o.s.)	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1016	<0.070		0.070	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1221	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1232	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1242	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1248	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1254	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1
PCB-1260	<0.070		0.070	ug/L		04/09/26 15:34	04/10/26 00:48	1
Polychlorinated biphenyls, Total	<0.10		0.10	ug/L		04/09/26 15:34	04/10/26 00:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*90*		*70 - 130*	*04/09/26 15:34*	*04/10/26 00:48*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) Low Level

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26	ug/L		04/10/26 09:57	04/12/26 16:21	1
Motor Oil Range Organics [C24-C36]	<26		26	ug/L		04/10/26 09:57	04/12/26 16:21	1
C8-C18	<26		26	ug/L		04/10/26 09:57	04/12/26 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 130*	*04/10/26 09:57*	*04/12/26 16:21*	*1*

Method: SW846 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10	F1	0.10	mg/L			04/14/26 14:03	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*95*		*52 - 149*		*04/14/26 14:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**200**		5.0	ug/L			04/10/26 10:26	1
Chloride	**89**		2.5	mg/L			04/08/26 18:03	5
Nitrate as N	**0.55**		0.25	mg/L			04/08/26 18:03	5
Nitrite as N	<0.25		0.25	mg/L			04/08/26 18:03	5
Sulfate	**13**		1.3	mg/L			04/08/26 18:03	5

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**20**		0.10	mg/L			04/09/26 14:48	1
Magnesium	**16**		0.10	mg/L			04/09/26 14:48	1
Potassium	**2.2**	**^2**	0.20	mg/L			04/09/26 14:48	1
Sodium	**32**		0.10	mg/L			04/09/26 14:48	1

Method: EPA 200.8 - Mercury (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	ug/L		04/15/26 10:17	04/15/26 19:15	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	ug/L			04/09/26 14:59	1
Arsenic	<1.0		1.0	ug/L			04/09/26 14:59	1
Beryllium	<0.30		0.30	ug/L			04/09/26 14:59	1
Cadmium	<0.50		0.50	ug/L			04/09/26 14:59	1
Chromium	**1.7**		0.90	ug/L			04/09/26 14:59	1
Copper	**2.7**		1.0	ug/L			04/09/26 14:59	1
Lead	<0.50		0.50	ug/L			04/09/26 14:59	1
Nickel	<5.0		5.0	ug/L			04/09/26 14:59	1
Selenium	<2.0		2.0	ug/L			04/09/26 14:59	1
Silver	<0.50		0.50	ug/L			04/09/26 14:59	1
Thallium	<0.30		0.30	ug/L			04/09/26 14:59	1
Zinc	<5.0		5.0	ug/L			04/09/26 14:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**54**		2.0	mg/L			04/09/26 22:57	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**54**		2.0	mg/L			04/09/26 22:57	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	mg/L			04/09/26 22:57	1
Specific Conductance (SM 2510B)	**420**		2.0	umhos/cm			04/09/26 22:57	1
Total Dissolved Solids (SM 2540C)	**280**		20	mg/L			04/09/26 13:50	1
Fluoride (SM 4500 F C)	<0.050		0.050	mg/L			04/09/26 23:21	1
pH (SM 4500 H+ B)	**8.0**	**HF**		SU			04/09/26 22:57	1
Sulfide (SM 4500 S2 D)	<0.050	F1	0.050	mg/L			04/13/26 15:33	1

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Lab Sample ID: 380-207013-2
Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:34	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:34	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 16:34	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/09/26 16:34	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/09/26 16:34	1
Acetone	<500		500		ug/L			04/09/26 16:34	1
Benzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromobenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromochloromethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromodichloromethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromoform	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/09/26 16:34	1
Carbon disulfide	<0.50		0.50		ug/L			04/09/26 16:34	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/09/26 16:34	1
Chlorobenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Chloroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/09/26 16:34	1
Dichloromethane	<0.50	*1	0.50		ug/L			04/09/26 16:34	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 16:34	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:34	1
Dibromomethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Ethylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/09/26 16:34	1
Isopropylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
m,p-Xylenes	<0.50		0.50		ug/L			04/09/26 16:34	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/09/26 16:34	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/09/26 16:34	1
Naphthalene	<0.50		0.50		ug/L			04/09/26 16:34	1
n-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
N-Propylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/09/26 16:34	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 16:34	1
o-Xylene	<0.50		0.50		ug/L			04/09/26 16:34	1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-2

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Water

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 16:34	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/09/26 16:34	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/09/26 16:34	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Styrene	<0.50		0.50		ug/L			04/09/26 16:34	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/09/26 16:34	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/09/26 16:34	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/09/26 16:34	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/09/26 16:34	1
Toluene	<0.50		0.50		ug/L			04/09/26 16:34	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/09/26 16:34	1
Xylenes, Total	<0.50		0.50		ug/L			04/09/26 16:34	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 16:34	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 16:34	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/09/26 16:34	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/09/26 16:34	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/09/26 16:34	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Bromoethane	<0.50		0.50		ug/L			04/09/26 16:34	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/09/26 16:34	1
Diisopropyl ether	<3.0		3.0		ug/L			04/09/26 16:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*9.00*	*N/A*		*04/09/26 16:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*04/09/26 16:34*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*04/09/26 16:34*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*04/09/26 16:34*	*1*

Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			04/17/26 23:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*38 - 134*		*04/17/26 23:11*	*1*

Method: EPA-DW2 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.020		0.020		ug/L		04/09/26 15:42	04/10/26 13:12	1
1,2-Dibromo-3-Chloropropane	<0.0098		0.0098		ug/L		04/09/26 15:42	04/10/26 13:12	1
1,2-Dibromoethane	<0.0098		0.0098		ug/L		04/09/26 15:42	04/10/26 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*108*		*60 - 140*	*04/09/26 15:42*	*04/10/26 13:12*	*1*

Action Limit Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

PWSID Number: HI0000331

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	EPAMCLS Limit	Method	Prep Type
Trihalomethanes, Total	<0.50		ug/L		80		524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200		524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7		524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000			524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70		524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5		524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5		524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80		524.2	Total/NA
Bromoform	<0.50		ug/L		80		524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5		524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100		524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80		524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80		524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50	*1	ug/L	5.000	5		524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700		524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600		524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75		524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100		524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000		524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100		524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Vinyl Chloride (VC)	<0.30		ug/L	2.000	2		524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000		524.2	Total/NA
Alachlor	<0.049		ug/L		2		525.2	Total/NA
Atrazine	<0.049		ug/L		3		525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L		0.2		525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L		6		525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L		400		525.2	Total/NA
Endrin	<0.0098		ug/L		2		525.2	Total/NA
gamma-BHC (Lindane)	<0.0098		ug/L		0.2		525.2	Total/NA
Heptachlor	<0.0098		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0098		ug/L		0.2		525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L		1		525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L		50		525.2	Total/NA
Methoxychlor	<0.049		ug/L		40		525.2	Total/NA
Simazine	<0.049		ug/L		4		525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L		0.2		625.1 SIM	Total/NA
Pentachlorophenol	<0.97		ug/L		1		625.1 SIM	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000			504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.0099		ug/L		0.2		504.1	Total/NA
1,2-Dibromoethane	<0.0099		ug/L		0.05		504.1	Total/NA

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (Continued)

Lab Sample ID: 380-207013-1

PWSID Number: HI0000331

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	EPAMCLS Limit	Method	Prep Type
Toxaphene	<0.50		ug/L		3		505	Total/NA
Chlordane (n.o.s.)	<0.10		ug/L		2		505	Total/NA
Polychlorinated biphenyls, Total	<0.10		ug/L		0.5		505	Total/NA
Chloride	89		mg/L			250	300.0	Total/NA
Nitrate as N	0.55		mg/L		10		300.0	Total/NA
Nitrite as N	<0.25		mg/L		1		300.0	Total/NA
Sulfate	13		mg/L			250	300.0	Total/NA
Antimony	<1.0		ug/L		6		200.8	Total/NA
Arsenic	<1.0		ug/L		10		200.8	Total/NA
Beryllium	<0.30		ug/L		4		200.8	Total/NA
Cadmium	<0.50		ug/L		5		200.8	Total/NA
Chromium	1.7		ug/L		100		200.8	Total/NA
Copper	2.7		ug/L		1300	1000	200.8	Total/NA
Lead	<0.50		ug/L		10.00		200.8	Total/NA
Selenium	<2.0		ug/L		50		200.8	Total/NA
Silver	<0.50		ug/L			100	200.8	Total/NA
Thallium	<0.30		ug/L		2		200.8	Total/NA
Zinc	<5.0		ug/L			5000	200.8	Total/NA
Total Dissolved Solids	280		mg/L			500	SM 2540C	Total/NA
Fluoride	<0.050		mg/L		4	2	SM 4500 F C	Total/NA
pH	8.0	HF	SU			6.5	SM 4500 H+ B	Total/NA

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-2

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	RL	Method	Prep Type
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200	0.50	524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7	0.50	524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000		0.50	524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Bromoform	<0.50		ug/L		80	0.50	524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80	0.50	524.2	Total/NA
Dichloromethane	<0.50	*1	ug/L	5.000	5	0.50	524.2	Total/NA

Action Limit Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (Continued)

Lab Sample ID: 380-207013-2

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	RL	Method	Prep Type
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700	0.50	524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600	0.50	524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75	0.50	524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000	0.50	524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000	0.50	524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Vinyl Chloride (VC)	<0.30		ug/L	2.000	2	0.30	524.2	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000		0.020	504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.0098		ug/L		0.2	0.0098	504.1	Total/NA
1,2-Dibromoethane	<0.0098		ug/L		0.05	0.0098	504.1	Total/NA

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Drinking Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	102	107	99
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	99	122	98
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	99	125	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		DCA	BFB	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-207013-2	TB: AIEA GULCH WELLS PUMI	101	106	91
LCS 380-218778/5	Lab Control Sample	99	97	98
LCS 380-221717/5	Lab Control Sample	103	121	102
LCSD 380-218778/6	Lab Control Sample Dup	102	97	99
LCSD 380-221717/6	Lab Control Sample Dup	100	123	101
MB 380-218778/8	Method Blank	104	102	100
MB 380-221717/8	Method Blank	103	121	102
MRL 380-218778/3	Lab Control Sample	99	101	98
MRL 380-218778/4	Lab Control Sample	100	107	100
MRL 380-221717/3	Lab Control Sample	108	117	100
MRL 380-221717/4	Lab Control Sample	102	124	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Matrix: Drinking Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	98	89	94
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	98	93	100
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	97	93	102

Surrogate Legend

2NMX = 2-Nitro-m-xylene
PRY = Perylene-d12
TPP = Triphenylphosphate

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
LCS 380-219571/23-A	Lab Control Sample	96	95	103
MB 380-219571/21-A	Method Blank	97	88	94
MRL 380-219571/22-A	Lab Control Sample	99	86	98

Surrogate Legend

2NMX = 2-Nitro-m-xylene
PRY = Perylene-d12
TPP = Triphenylphosphate

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Drinking Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	69	89	55	94	36	91

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
MB 570-722458/1-A	Method Blank	75	86	59	104	35	85

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Matrix: Drinking Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	91	87	57	94	35	82

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
LCS 570-722458/2-A	Lab Control Sample	80	79	62	75	40	83
LCSD 570-722458/3-A	Lab Control Sample Dup	89	86	69	81	46	92
MB 570-722458/1-A	Method Blank	86	78	55	89	33	77

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Matrix: Drinking Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-207013-2	TB: AIEA GULCH WELLS PUMI	105
570-275047-D-4 MS	Matrix Spike	107
570-275047-E-4 MSD	Matrix Spike Duplicate	107
LCS 570-726079/3	Lab Control Sample	103
LCSD 570-726079/4	Lab Control Sample Dup	103
MB 570-726079/6	Method Blank	103
MRL 570-726079/5	Lab Control Sample	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Matrix: Drinking Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DBPP1 (60-140)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	109

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Matrix: Water — **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DBPP1 (60-140)
380-207013-2	TB: AIEA GULCH WELLS PUMI	108
380-207166-AC-1-A DU	Duplicate	113
380-207170-BJ-1-A MS	Matrix Spike	114
LCS 380-218851/29-A	Lab Control Sample	119
MBL 380-218851/4-A	Method Blank	111
MRL 380-218851/2-A	Lab Control Sample	115
MRL 380-218851/3-A	Lab Control Sample	114

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Matrix: Drinking Water — **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (70-130)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	90

Surrogate Legend

TCX = Tetrachloro-m-xylene

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Matrix: Water — **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (70-130)
380-207166-AD-1-A MS	Matrix Spike	94
380-207166-AF-1-A MS	Matrix Spike	103
380-207168-AP-1-A MS	Matrix Spike	99
380-207168-AR-1-A MS	Matrix Spike	95
LCS 380-218890/28-A	Lab Control Sample	103
LCS 380-218890/29-A	Lab Control Sample	97
LCS 380-218890/31-A	Lab Control Sample	100
LCSD 380-218890/30-A	Lab Control Sample Dup	107
MB 380-218890/3-A	Method Blank	108
MRL 380-218890/1-A	Lab Control Sample	93
MRL 380-218890/2-A	Lab Control Sample	97

Surrogate Legend

TCX = Tetrachloro-m-xylene

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Matrix: Drinking Water — **Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	96

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-206949-B-1-A MS	Matrix Spike	101
380-206949-B-1-B MSD	Matrix Spike Duplicate	106
LCS 570-722504/2-A	Lab Control Sample	104
LCSD 570-722504/3-A	Lab Control Sample Dup	98
MB 570-722504/1-A	Method Blank	92
MRL 570-722504/4-A	Lab Control Sample	96

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Matrix: Drinking Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	HF2PP1 (52-149)
380-207013-1	AIEA GULCH WELLS PUMP 1 (	95
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	97 p
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	97 p

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	HF2PP1 (52-149)
LCS 570-723893/4	Lab Control Sample	99
LCSD 570-723893/5	Lab Control Sample Dup	101 p
MB 570-723893/3	Method Blank	98 p
MRL 570-723893/6	Lab Control Sample	97

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 380-218778/8
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 10:49	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/09/26 10:49	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/09/26 10:49	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/09/26 10:49	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/09/26 10:49	1
Acetone	<500		500		ug/L			04/09/26 10:49	1
Benzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromobenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromochloromethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromodichloromethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromoform	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/09/26 10:49	1
Carbon disulfide	<0.50		0.50		ug/L			04/09/26 10:49	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/09/26 10:49	1
Chlorobenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Chloroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/09/26 10:49	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 10:49	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 10:49	1
Dibromomethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Dichloromethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Ethylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/09/26 10:49	1
Isopropylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
m,p-Xylenes	<0.50		0.50		ug/L			04/09/26 10:49	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/09/26 10:49	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/09/26 10:49	1
Naphthalene	<0.50		0.50		ug/L			04/09/26 10:49	1
n-Butylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
N-Propylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 10:49	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/09/26 10:49	1
o-Xylene	<0.50		0.50		ug/L			04/09/26 10:49	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-218778/8
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Chlorotoluene	<0.50		0.50		ug/L			04/09/26 10:49	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/09/26 10:49	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/09/26 10:49	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Styrene	<0.50		0.50		ug/L			04/09/26 10:49	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/09/26 10:49	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/09/26 10:49	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/09/26 10:49	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/09/26 10:49	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/09/26 10:49	1
Toluene	<0.50		0.50		ug/L			04/09/26 10:49	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/09/26 10:49	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/09/26 10:49	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/09/26 10:49	1
Bromoethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/09/26 10:49	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/09/26 10:49	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/09/26 10:49	1
Diisopropyl ether	<3.0		3.0		ug/L			04/09/26 10:49	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/09/26 10:49	1
Xylenes, Total	<0.50		0.50		ug/L			04/09/26 10:49	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/09/26 10:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*04/09/26 10:49*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/09/26 10:49*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/09/26 10:49*	*1*

Lab Sample ID: LCS 380-218778/5
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	5.00	4.55		ug/L		91	70 - 130
1,1,1-Trichloroethane	5.00	4.74		ug/L		95	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.04		ug/L		101	70 - 130
1,1,2-Trichloroethane	5.00	4.80		ug/L		96	70 - 130
1,1-Dichloroethane	5.00	5.12		ug/L		102	70 - 130
1,1-Dichlorethylene	5.00	5.01		ug/L		100	70 - 130
1,1-Dichloropropene	5.00	4.98		ug/L		100	70 - 130
1,2,3-Trichlorobenzene	5.00	5.46		ug/L		109	70 - 130
1,2,3-Trichloropropane	5.00	4.99		ug/L		100	70 - 130
1,2,4-Trichlorobenzene	5.00	5.56		ug/L		111	70 - 130
1,2,4-Trimethylbenzene	5.00	4.87		ug/L		97	70 - 130
1,2-Dichloroethane	5.00	5.12		ug/L		102	70 - 130
1,2-Dichloropropane	5.00	4.79		ug/L		96	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-218778/5
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	5.00	5.03		ug/L		101	70 - 130
1,3-Dichloropropane	5.00	4.78		ug/L		96	70 - 130
2,2-Dichloropropane	5.00	5.05		ug/L		101	70 - 130
2-Butanone (MEK)	50.0	50.8		ug/L		102	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	49.4		ug/L		99	70 - 130
Acetone	50.0	58.0	J	ug/L		116	70 - 130
Benzene	5.00	5.09		ug/L		102	70 - 130
Bromobenzene	5.00	4.95		ug/L		99	70 - 130
Bromochloromethane	5.00	4.75		ug/L		95	70 - 130
Bromodichloromethane	5.00	4.39		ug/L		88	70 - 130
Bromoform	5.00	4.04		ug/L		81	70 - 130
Bromomethane (Methyl Bromide)	5.00	5.56		ug/L		111	70 - 130
Carbon disulfide	5.00	4.30		ug/L		86	70 - 130
Carbon tetrachloride	5.00	4.64		ug/L		93	70 - 130
Chlorobenzene	5.00	4.88		ug/L		98	70 - 130
Chlorodibromomethane	5.00	4.04		ug/L		81	70 - 130
cis-1,3-Dichloropropene	5.00	4.56		ug/L		91	70 - 130
Dichloromethane	5.00	4.46		ug/L		89	70 - 130
Ethylbenzene	5.00	4.89		ug/L		98	70 - 130
Hexachlorobutadiene	5.00	5.50		ug/L		110	70 - 130
Isopropylbenzene	5.00	5.21		ug/L		104	70 - 130
m,p-Xylenes	10.0	9.97		ug/L		100	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	5.20		ug/L		104	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	4.89		ug/L		98	70 - 130
Naphthalene	5.00	5.44		ug/L		109	70 - 130
n-Butylbenzene	5.00	5.59		ug/L		112	70 - 130
N-Propylbenzene	5.00	5.23		ug/L		105	70 - 130
o-Chlorotoluene	5.00	4.84		ug/L		97	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	5.57		ug/L		111	70 - 130
o-Xylene	5.00	4.97		ug/L		99	70 - 130
p-Chlorotoluene	5.00	4.95		ug/L		99	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	5.04		ug/L		101	70 - 130
p-Isopropyltoluene	5.00	5.08		ug/L		102	70 - 130
sec-Butylbenzene	5.00	5.20		ug/L		104	70 - 130
Styrene	5.00	4.50		ug/L		90	70 - 130
Tert-amyl methyl ether	5.00	4.82		ug/L		96	70 - 130
1,3-Dichloropropene, Total	10.0	9.04		ug/L		90	70 - 130
Tert-butyl ethyl ether	5.00	5.00		ug/L		100	70 - 130
tert-Butylbenzene	5.00	5.17		ug/L		103	70 - 130
Tetrachloroethene (PCE)	5.00	4.95		ug/L		99	70 - 130
Toluene	5.00	4.80		ug/L		96	70 - 130
trans-1,2-Dichloroethylene	5.00	5.06		ug/L		101	70 - 130
trans-1,3-Dichloropropene	5.00	4.48		ug/L		90	70 - 130
Trichloroethylene (TCE)	5.00	4.88		ug/L		98	70 - 130
Bromoethane	5.00	4.82		ug/L		96	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	5.17		ug/L		103	70 - 130
Trichlorotrifluoroethane	5.00	5.01		ug/L		100	70 - 130
Diisopropyl ether	5.00	4.99		ug/L		100	70 - 130

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-218778/5
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl Chloride (VC)			5.00	4.96		ug/L		99	70 - 130		
Xylenes, Total			15.0	14.9		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 130*

Lab Sample ID: LCSD 380-218778/6
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			5.00	4.16		ug/L		83	70 - 130	9	20
1,1,1-Trichloroethane			5.00	4.60		ug/L		92	70 - 130	3	20
1,1,2,2-Tetrachloroethane			5.00	4.72		ug/L		94	70 - 130	7	20
1,1,2-Trichloroethane			5.00	4.51		ug/L		90	70 - 130	6	20
1,1-Dichloroethane			5.00	4.84		ug/L		97	70 - 130	6	20
1,1-Dichlorethylene			5.00	4.64		ug/L		93	70 - 130	7	20
1,1-Dichloropropene			5.00	4.76		ug/L		95	70 - 130	4	20
1,2,3-Trichlorobenzene			5.00	5.15		ug/L		103	70 - 130	6	20
1,2,3-Trichloropropane			5.00	4.71		ug/L		94	70 - 130	6	20
1,2,4-Trichlorobenzene			5.00	5.16		ug/L		103	70 - 130	8	20
1,2,4-Trimethylbenzene			5.00	4.82		ug/L		96	70 - 130	1	20
1,2-Dichloroethane			5.00	4.93		ug/L		99	70 - 130	4	20
1,2-Dichloropropane			5.00	4.52		ug/L		90	70 - 130	6	20
1,3,5-Trimethylbenzene			5.00	4.98		ug/L		100	70 - 130	1	20
1,3-Dichloropropane			5.00	4.61		ug/L		92	70 - 130	4	20
2,2-Dichloropropane			5.00	4.71		ug/L		94	70 - 130	7	20
2-Butanone (MEK)			50.0	49.5		ug/L		99	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)			50.0	48.6		ug/L		97	70 - 130	2	20
Acetone			50.0	58.5	J	ug/L		117	70 - 130	1	20
Benzene			5.00	4.76		ug/L		95	70 - 130	7	20
Bromobenzene			5.00	4.92		ug/L		98	70 - 130	1	20
Bromochloromethane			5.00	4.67		ug/L		93	70 - 130	2	20
Bromodichloromethane			5.00	4.15		ug/L		83	70 - 130	6	20
Bromoform			5.00	3.83		ug/L		77	70 - 130	5	20
Bromomethane (Methyl Bromide)			5.00	5.41		ug/L		108	70 - 130	3	20
Carbon disulfide			5.00	4.03		ug/L		81	70 - 130	6	20
Carbon tetrachloride			5.00	4.33		ug/L		87	70 - 130	7	20
Chlorobenzene			5.00	4.60		ug/L		92	70 - 130	6	20
Chlorodibromomethane			5.00	3.81		ug/L		76	70 - 130	6	20
cis-1,3-Dichloropropene			5.00	4.12		ug/L		82	70 - 130	10	20
Dichloromethane			5.00	6.14	*1	ug/L		123	70 - 130	32	20
Ethylbenzene			5.00	4.73		ug/L		95	70 - 130	3	20
Hexachlorobutadiene			5.00	5.24		ug/L		105	70 - 130	5	20
Isopropylbenzene			5.00	4.97		ug/L		99	70 - 130	5	20
m,p-Xylenes			10.0	9.62		ug/L		96	70 - 130	4	20

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 380-218778/6
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Dichlorobenzene (1,3-DCB)	5.00	5.11		ug/L		102	70 - 130	2	20
Methyl-tert-butyl Ether (MTBE)	5.00	4.68		ug/L		94	70 - 130	4	20
Naphthalene	5.00	5.04		ug/L		101	70 - 130	8	20
n-Butylbenzene	5.00	5.03		ug/L		101	70 - 130	11	20
N-Propylbenzene	5.00	5.02		ug/L		100	70 - 130	4	20
o-Chlorotoluene	5.00	4.93		ug/L		99	70 - 130	2	20
o-Dichlorobenzene (1,2-DCB)	5.00	5.03		ug/L		101	70 - 130	10	20
o-Xylene	5.00	4.71		ug/L		94	70 - 130	5	20
p-Chlorotoluene	5.00	4.74		ug/L		95	70 - 130	4	20
p-Dichlorobenzene (1,4-DCB)	5.00	4.94		ug/L		99	70 - 130	2	20
p-Isopropyltoluene	5.00	4.97		ug/L		99	70 - 130	2	20
sec-Butylbenzene	5.00	4.95		ug/L		99	70 - 130	5	20
Styrene	5.00	4.45		ug/L		89	70 - 130	1	20
Tert-amyl methyl ether	5.00	4.43		ug/L		89	70 - 130	8	20
1,3-Dichloropropene, Total	10.0	8.17		ug/L		82	70 - 130	10	20
Tert-butyl ethyl ether	5.00	4.78		ug/L		96	70 - 130	4	20
tert-Butylbenzene	5.00	5.00		ug/L		100	70 - 130	3	20
Tetrachloroethene (PCE)	5.00	4.70		ug/L		94	70 - 130	5	20
Toluene	5.00	4.54		ug/L		91	70 - 130	6	20
trans-1,2-Dichloroethylene	5.00	4.88		ug/L		98	70 - 130	4	20
trans-1,3-Dichloropropene	5.00	4.05		ug/L		81	70 - 130	10	20
Trichloroethylene (TCE)	5.00	4.57		ug/L		91	70 - 130	7	20
Bromoethane	5.00	5.86		ug/L		117	70 - 130	20	20
Trichlorofluoromethane (Freon 11)	5.00	4.89		ug/L		98	70 - 130	5	20
Trichlorotrifluoroethane	5.00	4.73		ug/L		95	70 - 130	6	20
Diisopropyl ether	5.00	4.80		ug/L		96	70 - 130	4	20
Vinyl Chloride (VC)	5.00	4.77		ug/L		95	70 - 130	4	20
Xylenes, Total	15.0	14.3		ug/L		96	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MRL 380-218778/3
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
m,p-Xylenes	0.500	0.652		ug/L		130	50 - 150
Vinyl Chloride (VC)	0.250	0.365		ug/L		146	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-218778/4
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.500	0.478	J	ug/L		96	50 - 150
1,1,1-Trichloroethane	0.500	0.581		ug/L		116	50 - 150
1,1,2,2-Tetrachloroethane	0.500	0.526		ug/L		105	50 - 150
1,1,2-Trichloroethane	0.500	0.540		ug/L		108	50 - 150
1,1-Dichloroethane	0.500	0.560		ug/L		112	50 - 150
1,1-Dichlorethylene	0.500	0.572		ug/L		114	50 - 150
1,1-Dichloropropene	0.500	0.554		ug/L		111	50 - 150
1,2,3-Trichlorobenzene	0.500	0.507		ug/L		101	50 - 150
1,2,3-Trichloropropane	0.500	0.551		ug/L		110	50 - 150
1,2,4-Trichlorobenzene	0.500	0.473	J	ug/L		95	50 - 150
1,2,4-Trimethylbenzene	0.500	0.518		ug/L		104	50 - 150
1,2-Dichloroethane	0.500	0.638		ug/L		128	50 - 150
1,2-Dichloropropane	0.500	0.589		ug/L		118	50 - 150
1,3,5-Trimethylbenzene	0.500	0.579		ug/L		116	50 - 150
1,3-Dichloropropane	0.500	0.549		ug/L		110	50 - 150
2,2-Dichloropropane	0.500	0.427	J	ug/L		85	50 - 150
2-Butanone (MEK)	5.00	6.70		ug/L		134	50 - 150
4-Methyl-2-pentanone (MIBK)	5.00	5.71		ug/L		114	50 - 150
Acetone	5.00	5.64	J	ug/L		113	50 - 150
Benzene	0.500	0.639		ug/L		128	50 - 150
Bromobenzene	0.500	0.566		ug/L		113	50 - 150
Bromochloromethane	0.500	0.574		ug/L		115	50 - 150
Bromodichloromethane	0.500	0.471	J	ug/L		94	50 - 150
Bromoform	0.500	0.669		ug/L		134	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.623		ug/L		125	50 - 150
Carbon disulfide	0.500	0.489	J	ug/L		98	50 - 150
Carbon tetrachloride	0.500	0.505		ug/L		101	50 - 150
Chlorobenzene	0.500	0.580		ug/L		116	50 - 150
Chlorodibromomethane	0.500	0.396	J	ug/L		79	50 - 150
cis-1,3-Dichloropropene	0.500	0.458	J	ug/L		92	50 - 150
Dichloromethane	0.500	0.575		ug/L		115	50 - 150
Ethylbenzene	0.500	0.571		ug/L		114	50 - 150
Hexachlorobutadiene	0.500	0.494	J	ug/L		99	50 - 150
Isopropylbenzene	0.500	0.555		ug/L		111	50 - 150
m,p-Xylenes	1.00	1.12		ug/L		112	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.579		ug/L		116	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.620		ug/L		124	50 - 150
Naphthalene	0.500	0.495	J	ug/L		99	50 - 150
n-Butylbenzene	0.500	0.479	J	ug/L		96	50 - 150
N-Propylbenzene	0.500	0.563		ug/L		113	50 - 150
o-Chlorotoluene	0.500	0.540		ug/L		108	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.503		ug/L		101	50 - 150
o-Xylene	0.500	0.568		ug/L		114	50 - 150
p-Chlorotoluene	0.500	0.558		ug/L		112	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.579		ug/L		116	50 - 150
p-Isopropyltoluene	0.500	0.562		ug/L		112	50 - 150
sec-Butylbenzene	0.500	0.546		ug/L		109	50 - 150
Styrene	0.500	0.525		ug/L		105	50 - 150

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-218778/4
Matrix: Water
Analysis Batch: 218778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.500	0.576	J	ug/L		115	50 - 150
1,3-Dichloropropene, Total	1.00	0.913		ug/L		91	50 - 150
Tert-butyl ethyl ether	0.500	0.628	J	ug/L		126	50 - 150
tert-Butylbenzene	0.500	0.572		ug/L		114	50 - 150
Tetrachloroethene (PCE)	0.500	0.532		ug/L		106	50 - 150
Toluene	0.500	0.590		ug/L		118	50 - 150
trans-1,2-Dichloroethylene	0.500	0.615		ug/L		123	50 - 150
trans-1,3-Dichloropropene	0.500	0.455	J	ug/L		91	50 - 150
Trichloroethylene (TCE)	0.500	0.548		ug/L		110	50 - 150
Bromoethane	0.500	0.624		ug/L		125	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.563		ug/L		113	50 - 150
Trichlorotrifluoroethane	0.500	0.607		ug/L		121	50 - 150
Diisopropyl ether	0.500	0.586	J	ug/L		117	50 - 150
Vinyl Chloride (VC)	0.500	0.633		ug/L		127	50 - 150
Xylenes, Total	1.50	1.69		ug/L		113	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 380-221717/8
Matrix: Water
Analysis Batch: 221717

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/21/26 15:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*04/21/26 15:28*	*1*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*		*04/21/26 15:28*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/21/26 15:28*	*1*

Lab Sample ID: LCS 380-221717/5
Matrix: Water
Analysis Batch: 221717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 380-221717/6
Matrix: Water
Analysis Batch: 221717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene (Surr)	123		70 - 130
Toluene-d8 (Surr)	101		70 - 130

Lab Sample ID: MRL 380-221717/3
Matrix: Water
Analysis Batch: 221717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		70 - 130
4-Bromofluorobenzene (Surr)	117		70 - 130
Toluene-d8 (Surr)	100		70 - 130

Lab Sample ID: MRL 380-221717/4
Matrix: Water
Analysis Batch: 221717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene (Surr)	124		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 380-219571/21-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acenaphthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acenaphthylene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acetochlor	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Alachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
alpha-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
alpha-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Anthracene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
Atrazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-219571/21-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
beta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 09:00	1
Aldrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Bromacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Butachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorobenzilate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chloroneb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorpyrifos	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chrysene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
delta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dieldrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Diethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dimethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endrin aldehyde	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
EPTC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Fluoranthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Fluorene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
gamma-BHC (Lindane)	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
gamma-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Heptachlor	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Isophorone	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Malathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Methoxychlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Metolachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Molinate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Naphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Parathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Phenanthrene	<0.039		0.039		ug/L		04/13/26 15:53	04/15/26 09:00	1
Propachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Simazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-219571/21-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Terbacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Terbuthylazine	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Thiobencarb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/13/26 15:53	04/15/26 09:00	1
trans-Nonachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Trifluralin	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
1-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentadecane, 7-methyl-	*1.21*	*T J N*	*ug/L*		*3.01*	*6165-40-8*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Undecane	*5.08*	*T J N*	*ug/L*		*3.13*	*1120-21-4*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Plumbane, diethyldimethyl-	*0.746*	*T J N*	*ug/L*		*3.26*	*1762-27-2*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.662*	*T J N*	*ug/L*		*3.87*	*540-97-6*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
9-Octadecenamide, (Z)-	*0.629*	*T J N*	*ug/L*		*7.88*	*301-02-0*	*04/13/26 15:53*	*04/15/26 09:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*97*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Perylene-d12	*88*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Triphenylphosphate	*94*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	1.96	2.19		ug/L		112	70 - 130
2,4'-DDE	1.96	2.21		ug/L		113	70 - 130
2,4'-DDT	1.96	2.16		ug/L		110	70 - 130
2,4-Dinitrotoluene	1.96	2.05		ug/L		104	70 - 130
2,6-Dinitrotoluene	1.96	1.95		ug/L		99	70 - 130
4,4'-DDD	1.96	2.30		ug/L		117	70 - 130
4,4'-DDE	1.96	1.93		ug/L		98	70 - 130
4,4'-DDT	1.96	2.38		ug/L		121	70 - 130
Acenaphthene	1.96	1.98		ug/L		101	70 - 130
Acenaphthylene	1.96	2.13		ug/L		108	70 - 130
Acetochlor	1.96	2.30		ug/L		117	70 - 130
Alachlor	1.96	2.35		ug/L		120	70 - 130
alpha-BHC	1.96	2.11		ug/L		108	70 - 130
alpha-Chlordane	1.96	2.18		ug/L		111	70 - 130
Anthracene	1.96	2.05		ug/L		104	70 - 130
Atrazine	1.96	2.26		ug/L		115	70 - 130
Benz(a)anthracene	1.96	2.09		ug/L		107	70 - 130
Benzo[a]pyrene	1.96	2.09		ug/L		106	70 - 130
Benzo[b]fluoranthene	1.96	2.14		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.96	1.96		ug/L		100	70 - 130
Benzo[k]fluoranthene	1.96	2.10		ug/L		107	70 - 130
beta-BHC	1.96	2.24		ug/L		114	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-ethylhexyl) phthalate	1.96	2.14		ug/L		109	70 - 130
Aldrin	1.96	1.92		ug/L		98	70 - 130
Bromacil	1.96	1.92		ug/L		98	70 - 130
Butachlor	1.96	2.42		ug/L		123	70 - 130
Butylbenzylphthalate	1.96	2.29		ug/L		117	70 - 130
Chlorobenzilate	1.96	2.23		ug/L		114	70 - 130
Chloroneb	1.96	2.15		ug/L		109	70 - 130
Chlorothalonil (Draconil, Bravo)	1.96	2.16		ug/L		110	70 - 130
Chlorpyrifos	1.96	2.43		ug/L		124	70 - 130
Chrysene	1.96	2.27		ug/L		116	70 - 130
delta-BHC	1.96	2.09		ug/L		106	70 - 130
Di(2-ethylhexyl)adipate	1.96	2.25		ug/L		114	70 - 130
Dibenz(a,h)anthracene	1.96	1.95		ug/L		99	70 - 130
Diclorvos (DDVP)	1.96	2.11		ug/L		108	70 - 130
Dieldrin	1.96	2.23		ug/L		114	70 - 130
Diethylphthalate	1.96	2.34		ug/L		119	70 - 130
Dimethylphthalate	1.96	2.13		ug/L		109	70 - 130
Di-n-butyl phthalate	3.93	4.40		ug/L		112	70 - 130
Di-n-octyl phthalate	1.96	2.15		ug/L		109	70 - 130
Endosulfan I (Alpha)	1.96	2.23		ug/L		114	70 - 130
Endosulfan II (Beta)	1.96	2.18		ug/L		111	70 - 130
Endosulfan sulfate	1.96	2.05		ug/L		105	70 - 130
Endrin	1.96	2.44		ug/L		124	70 - 130
Endrin aldehyde	1.96	2.06		ug/L		105	60 - 130
EPTC	1.96	2.22		ug/L		113	70 - 130
Fluoranthene	1.96	2.28		ug/L		116	70 - 130
Fluorene	1.96	2.12		ug/L		108	70 - 130
gamma-BHC (Lindane)	1.96	2.38		ug/L		121	70 - 130
gamma-Chlordane	1.96	2.27		ug/L		116	70 - 130
Heptachlor	1.96	2.04		ug/L		104	70 - 130
Heptachlor epoxide (isomer B)	1.96	2.14		ug/L		109	70 - 130
Hexachlorobenzene	1.96	1.96		ug/L		100	70 - 130
Hexachlorocyclopentadiene	1.96	1.87		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	1.96	2.03		ug/L		104	70 - 130
Isophorone	1.96	2.09		ug/L		106	70 - 130
Malathion	1.96	2.20		ug/L		112	70 - 130
Methoxychlor	1.96	2.36		ug/L		120	70 - 130
Metolachlor	1.96	2.40		ug/L		122	70 - 130
Molinate	1.96	2.30		ug/L		117	70 - 130
Naphthalene	1.96	2.09		ug/L		106	70 - 130
Parathion	1.96	2.41		ug/L		122	70 - 130
Pendimethalin (Penoxaline)	1.96	2.22		ug/L		113	70 - 130
Phenanthrene	1.96	2.03		ug/L		103	70 - 130
Propachlor	1.96	2.40		ug/L		122	70 - 130
Pyrene	1.96	2.36		ug/L		120	70 - 130
Simazine	1.96	2.10		ug/L		107	70 - 130
Terbacil	1.96	1.94		ug/L		99	70 - 130
Terbuthylazine	1.96	2.23		ug/L		114	70 - 130
Thiobencarb	1.96	2.33		ug/L		119	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-Nonachlor	1.96	2.18		ug/L		111	70 - 130
Trifluralin	1.96	2.00		ug/L		102	70 - 130
1-Methylnaphthalene	1.96	1.92		ug/L		98	70 - 130
2-Methylnaphthalene	1.96	2.01		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: MRL 380-219571/22-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	0.0985	0.0922	J	ug/L		94	50 - 150
2,4'-DDE	0.0985	0.0964	J	ug/L		98	50 - 150
2,4'-DDT	0.0985	0.112		ug/L		113	50 - 150
2,4-Dinitrotoluene	0.0985	0.110		ug/L		112	50 - 150
2,6-Dinitrotoluene	0.0985	0.127		ug/L		129	50 - 150
4,4'-DDD	0.0985	0.109		ug/L		111	50 - 150
4,4'-DDE	0.0985	0.0897	J	ug/L		91	50 - 150
4,4'-DDT	0.0985	0.118		ug/L		119	50 - 150
Acenaphthene	0.0985	0.0969	J	ug/L		98	50 - 150
Acenaphthylene	0.0985	0.0853	J	ug/L		87	50 - 150
Acetochlor	0.0985	0.102		ug/L		104	50 - 150
Alachlor	0.0493	0.0526		ug/L		107	50 - 150
alpha-BHC	0.0985	0.0916	J	ug/L		93	50 - 150
alpha-Chlordane	0.0246	<0.029		ug/L		107	50 - 150
Anthracene	0.0197	0.0190	J	ug/L		96	50 - 150
Atrazine	0.0493	0.0524		ug/L		106	50 - 150
Benz(a)anthracene	0.0493	0.0465	J	ug/L		94	50 - 150
Benzo[a]pyrene	0.0197	0.0200		ug/L		101	50 - 150
Benzo[b]fluoranthene	0.0197	0.0257		ug/L		131	50 - 150
Benzo[g,h,i]perylene	0.0493	0.0480	J	ug/L		97	50 - 150
Benzo[k]fluoranthene	0.0197	0.0220		ug/L		112	50 - 150
beta-BHC	0.0985	0.0965	J	ug/L		98	50 - 150
Bis(2-ethylhexyl) phthalate	0.591	0.567	J	ug/L		96	50 - 150
Aldrin	0.00985	<0.0099		ug/L		63	50 - 150
Bromacil	0.0985	0.101		ug/L		103	50 - 150
Butachlor	0.0493	0.0500		ug/L		102	50 - 150
Butylbenzylphthalate	0.493	0.520		ug/L		106	50 - 150
Chlorobenzilate	0.0985	0.0979	J	ug/L		99	50 - 150
Chloroneb	0.0985	0.0975	J	ug/L		99	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0985	0.101		ug/L		102	50 - 150
Chlorpyrifos	0.0493	0.0442	J	ug/L		90	50 - 150
Chrysene	0.0197	0.0228		ug/L		116	50 - 150
delta-BHC	0.0985	0.0916	J	ug/L		93	50 - 150

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-219571/22-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Di(2-ethylhexyl)adipate	0.591	0.595		ug/L		101	50 - 150
Dibenz(a,h)anthracene	0.0493	0.0471	J	ug/L		96	50 - 150
Diclorvos (DDVP)	0.0493	0.0570		ug/L		116	50 - 150
Dieldrin	0.00985	0.0126		ug/L		128	50 - 150
Diethylphthalate	0.493	0.518		ug/L		105	50 - 150
Dimethylphthalate	0.493	0.483	J	ug/L		98	50 - 150
Di-n-butyl phthalate	0.493	0.532	J	ug/L		108	49 - 243
Di-n-octyl phthalate	0.0985	0.0971	J	ug/L		99	50 - 150
Endosulfan I (Alpha)	0.0985	0.0912	J	ug/L		93	50 - 150
Endosulfan II (Beta)	0.0985	0.0886	J	ug/L		90	50 - 150
Endosulfan sulfate	0.0985	0.102		ug/L		104	50 - 150
Endrin	0.00985	0.0115		ug/L		116	50 - 150
Endrin aldehyde	0.0985	0.0955	J	ug/L		97	50 - 150
EPTC	0.0985	0.0959	J	ug/L		97	50 - 150
Fluoranthene	0.0985	0.0858	J	ug/L		87	50 - 150
Fluorene	0.0493	<0.049		ug/L		97	50 - 150
gamma-BHC (Lindane)	0.00985	0.0102		ug/L		103	50 - 150
gamma-Chlordane	0.0246	0.0261	J	ug/L		106	50 - 150
Heptachlor	0.00985	0.0119		ug/L		121	50 - 150
Heptachlor epoxide (isomer B)	0.00985	0.00881	J	ug/L		89	50 - 150
Hexachlorobenzene	0.0493	0.0406	J	ug/L		82	50 - 150
Hexachlorocyclopentadiene	0.0493	0.0527		ug/L		107	50 - 150
Indeno[1,2,3-cd]pyrene	0.0493	0.0473	J	ug/L		96	50 - 150
Isophorone	0.0985	0.112		ug/L		113	50 - 150
Malathion	0.0985	0.0964	J	ug/L		98	50 - 150
Methoxychlor	0.0493	0.0567		ug/L		115	50 - 150
Metolachlor	0.0493	0.0532		ug/L		108	50 - 150
Molinate	0.0985	0.0957	J	ug/L		97	50 - 150
Naphthalene	0.0985	0.0959	J	ug/L		97	50 - 150
Parathion	0.0985	0.0949	J	ug/L		96	50 - 150
Pendimethalin (Penoxaline)	0.0985	0.0995		ug/L		101	50 - 150
Phenanthrene	0.0394	0.0387	J	ug/L		98	50 - 150
Propachlor	0.0493	0.0493		ug/L		100	50 - 150
Pyrene	0.0493	0.0453	J	ug/L		92	50 - 150
Simazine	0.0493	0.0535		ug/L		109	50 - 150
Terbacil	0.0985	0.106		ug/L		108	50 - 150
Terbuthylazine	0.0985	0.102		ug/L		103	50 - 150
Thiobencarb	0.0985	0.107		ug/L		109	50 - 150
trans-Nonachlor	0.0246	0.0289	J	ug/L		117	50 - 150
Trifluralin	0.0985	0.0925	J	ug/L		94	50 - 150
1-Methylnaphthalene	0.0985	0.116		ug/L		118	50 - 150
2-Methylnaphthalene	0.0985	0.108		ug/L		109	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*86*		*70 - 130*
Triphenylphosphate	*98*		*70 - 130*

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 220114

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	<0.098		1.97	2.18		ug/L		111	70 - 130
2,4'-DDE	<0.098		1.97	2.20		ug/L		112	70 - 130
2,4'-DDT	<0.098		1.97	2.12		ug/L		107	70 - 130
2,4-Dinitrotoluene	<0.098		1.97	2.14		ug/L		109	70 - 130
2,6-Dinitrotoluene	<0.098		1.97	2.10		ug/L		106	70 - 130
4,4'-DDD	<0.098		1.97	2.28		ug/L		116	70 - 130
4,4'-DDE	<0.098		1.97	1.90		ug/L		96	70 - 130
4,4'-DDT	<0.098		1.97	2.29		ug/L		117	70 - 130
Acenaphthene	<0.098		1.97	1.98		ug/L		100	70 - 130
Acenaphthylene	<0.098		1.97	2.05		ug/L		104	70 - 130
Acetochlor	<0.098		1.97	2.33		ug/L		118	70 - 130
Alachlor	<0.049		1.97	2.35		ug/L		119	70 - 130
alpha-BHC	<0.098		1.97	2.05		ug/L		104	70 - 130
alpha-Chlordane	<0.049		1.97	2.20		ug/L		112	70 - 130
Anthracene	<0.020		1.97	1.50		ug/L		76	70 - 130
Atrazine	<0.049		1.97	2.23		ug/L		113	70 - 130
Benz(a)anthracene	<0.049		1.97	1.98		ug/L		101	70 - 130
Benzo[a]pyrene	<0.020		1.97	1.91		ug/L		97	70 - 130
Benzo[b]fluoranthene	<0.020		1.97	2.16		ug/L		110	70 - 130
Benzo[g,h,i]perylene	<0.049		1.97	2.05		ug/L		104	70 - 130
Benzo[k]fluoranthene	<0.020		1.97	2.05		ug/L		104	70 - 130
beta-BHC	<0.098		1.97	2.20		ug/L		112	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.97	2.04		ug/L		104	70 - 130
Aldrin	<0.0098		1.97	2.02		ug/L		103	70 - 130
Bromacil	<0.098		1.97	2.19		ug/L		111	70 - 130
Butachlor	<0.049		1.97	2.44		ug/L		124	70 - 130
Butylbenzylphthalate	<0.49		1.97	2.21		ug/L		112	70 - 130
Chlorobenzilate	<0.098		1.97	2.21		ug/L		113	70 - 130
Chloroneb	<0.098		1.97	2.11		ug/L		107	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.13		ug/L		108	70 - 130
Chlorpyrifos	<0.049		1.97	2.42		ug/L		123	70 - 130
Chrysene	<0.020		1.97	2.31		ug/L		118	70 - 130
delta-BHC	<0.098		1.97	2.06		ug/L		104	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.97	2.12		ug/L		108	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	1.92		ug/L		97	70 - 130
Diclorvos (DDVP)	<0.049		1.97	2.20		ug/L		112	70 - 130
Dieldrin	<0.0098		1.97	2.26		ug/L		115	70 - 130
Diethylphthalate	<0.49		1.97	2.29		ug/L		116	70 - 130
Dimethylphthalate	<0.49		1.97	2.16		ug/L		110	70 - 130
Di-n-butyl phthalate	<0.98		3.94	4.42		ug/L		106	70 - 130
Di-n-octyl phthalate	<0.098		1.97	2.05		ug/L		104	70 - 130
Endosulfan I (Alpha)	<0.098		1.97	2.18		ug/L		111	70 - 130
Endosulfan II (Beta)	<0.098		1.97	2.21		ug/L		112	70 - 130
Endosulfan sulfate	<0.098		1.97	2.04		ug/L		103	70 - 130
Endrin	<0.0098		1.97	2.42		ug/L		123	70 - 130
Endrin aldehyde	<0.098		1.97	1.97		ug/L		100	60 - 130
EPTC	<0.098		1.97	2.24		ug/L		114	70 - 130
Fluoranthene	<0.098		1.97	2.27		ug/L		115	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 220114

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	<0.049		1.97	2.11		ug/L		107	70 - 130
gamma-BHC (Lindane)	<0.0098		1.97	2.31		ug/L		117	70 - 130
gamma-Chlordane	<0.049		1.97	2.32		ug/L		118	70 - 130
Heptachlor	<0.0098		1.97	2.06		ug/L		105	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.97	2.18		ug/L		111	70 - 130
Hexachlorobenzene	<0.049		1.97	1.95		ug/L		99	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	1.88		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.04		ug/L		103	70 - 130
Isophorone	<0.098		1.97	2.17		ug/L		110	70 - 130
Malathion	<0.098		1.97	2.18		ug/L		111	70 - 130
Methoxychlor	<0.049		1.97	2.33		ug/L		119	70 - 130
Metolachlor	<0.049		1.97	2.41		ug/L		122	70 - 130
Molinate	<0.098		1.97	2.29		ug/L		116	70 - 130
Naphthalene	<0.098		1.97	2.11		ug/L		107	70 - 130
Parathion	<0.098		1.97	2.35		ug/L		119	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.97	2.14		ug/L		109	70 - 130
Phenanthrene	<0.039		1.97	2.05		ug/L		104	70 - 130
Propachlor	<0.049		1.97	2.39		ug/L		121	70 - 130
Pyrene	<0.049		1.97	2.34		ug/L		119	70 - 130
Simazine	<0.049		1.97	2.19		ug/L		111	70 - 130
Terbacil	<0.098		1.97	2.15		ug/L		109	70 - 130
Terbuthylazine	<0.098		1.97	2.20		ug/L		112	70 - 130
Thiobencarb	<0.098		1.97	2.33		ug/L		118	70 - 130
trans-Nonachlor	<0.049		1.97	2.20		ug/L		112	70 - 130
Trifluralin	<0.098		1.97	1.93		ug/L		98	70 - 130
1-Methylnaphthalene	<0.098		1.97	1.95		ug/L		98	70 - 130
2-Methylnaphthalene	<0.098		1.97	2.02		ug/L		102	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 220114

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4'-DDD	<0.098		1.97	2.19		ug/L		111	70 - 130	0	20
2,4'-DDE	<0.098		1.97	2.19		ug/L		111	70 - 130	1	20
2,4'-DDT	<0.098		1.97	2.13		ug/L		108	70 - 130	1	20
2,4-Dinitrotoluene	<0.098		1.97	2.22		ug/L		112	70 - 130	4	20
2,6-Dinitrotoluene	<0.098		1.97	2.18		ug/L		110	70 - 130	4	20
4,4'-DDD	<0.098		1.97	2.27		ug/L		115	70 - 130	0	20
4,4'-DDE	<0.098		1.97	1.91		ug/L		97	70 - 130	1	20
4,4'-DDT	<0.098		1.97	2.32		ug/L		117	70 - 130	1	20
Acenaphthene	<0.098		1.97	1.99		ug/L		101	70 - 130	1	20
Acenaphthylene	<0.098		1.97	2.11		ug/L		107	70 - 130	3	20

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 220114

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetochlor	<0.098		1.97	2.29		ug/L		116	70 - 130	1	20
Alachlor	<0.049		1.97	2.36		ug/L		120	70 - 130	1	20
alpha-BHC	<0.098		1.97	2.08		ug/L		106	70 - 130	2	20
alpha-Chlordane	<0.049		1.97	2.23		ug/L		113	70 - 130	1	20
Anthracene	<0.020		1.97	1.38		ug/L		70	70 - 130	8	20
Atrazine	<0.049		1.97	2.27		ug/L		115	70 - 130	2	20
Benz(a)anthracene	<0.049		1.97	1.97		ug/L		100	70 - 130	1	20
Benzo[a]pyrene	<0.020		1.97	1.86		ug/L		94	70 - 130	2	20
Benzo[b]fluoranthene	<0.020		1.97	2.13		ug/L		108	70 - 130	1	20
Benzo[g,h,i]perylene	<0.049		1.97	2.03		ug/L		103	70 - 130	1	20
Benzo[k]fluoranthene	<0.020		1.97	2.13		ug/L		108	70 - 130	4	20
beta-BHC	<0.098		1.97	2.23		ug/L		113	70 - 130	1	20
Bis(2-ethylhexyl) phthalate	<0.59		1.97	1.99		ug/L		101	70 - 130	3	20
Aldrin	<0.0098		1.97	2.09		ug/L		106	70 - 130	4	20
Bromacil	<0.098		1.97	2.22		ug/L		113	70 - 130	1	20
Butachlor	<0.049		1.97	2.43		ug/L		123	70 - 130	1	20
Butylbenzylphthalate	<0.49		1.97	2.22		ug/L		112	70 - 130	0	20
Chlorobenzilate	<0.098		1.97	2.21		ug/L		112	70 - 130	0	20
Chloroneb	<0.098		1.97	2.14		ug/L		109	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.14		ug/L		109	70 - 130	1	20
Chlorpyrifos	<0.049		1.97	2.43		ug/L		123	70 - 130	1	20
Chrysene	<0.020		1.97	2.27		ug/L		115	70 - 130	2	20
delta-BHC	<0.098		1.97	2.06		ug/L		104	70 - 130	0	20
Di(2-ethylhexyl)adipate	<0.59		1.97	2.10		ug/L		106	70 - 130	1	20
Dibenz(a,h)anthracene	<0.049		1.97	1.99		ug/L		101	70 - 130	4	20
Diclorvos (DDVP)	<0.049		1.97	2.20		ug/L		111	70 - 130	0	20
Dieldrin	<0.0098		1.97	2.26		ug/L		115	70 - 130	0	20
Diethylphthalate	<0.49		1.97	2.33		ug/L		118	70 - 130	2	20
Dimethylphthalate	<0.49		1.97	2.21		ug/L		112	70 - 130	2	20
Di-n-butyl phthalate	<0.98		3.95	4.49		ug/L		108	70 - 130	2	20
Di-n-octyl phthalate	<0.098		1.97	1.96		ug/L		99	70 - 130	4	20
Endosulfan I (Alpha)	<0.098		1.97	2.20		ug/L		112	70 - 130	1	20
Endosulfan II (Beta)	<0.098		1.97	2.15		ug/L		109	70 - 130	3	20
Endosulfan sulfate	<0.098		1.97	2.04		ug/L		103	70 - 130	0	20
Endrin	<0.0098		1.97	2.46		ug/L		125	70 - 130	2	20
Endrin aldehyde	<0.098		1.97	2.01		ug/L		102	60 - 130	2	20
EPTC	<0.098		1.97	2.25		ug/L		114	70 - 130	1	20
Fluoranthene	<0.098		1.97	2.32		ug/L		117	70 - 130	2	20
Fluorene	<0.049		1.97	2.14		ug/L		108	70 - 130	1	20
gamma-BHC (Lindane)	<0.0098		1.97	2.37		ug/L		120	70 - 130	3	20
gamma-Chlordane	<0.049		1.97	2.34		ug/L		118	70 - 130	1	20
Heptachlor	<0.0098		1.97	2.09		ug/L		106	70 - 130	1	20
Heptachlor epoxide (isomer B)	<0.0098		1.97	2.24		ug/L		113	70 - 130	3	20
Hexachlorobenzene	<0.049		1.97	2.00		ug/L		102	70 - 130	3	20
Hexachlorocyclopentadiene	<0.049		1.97	1.88		ug/L		95	70 - 130	0	20
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.03		ug/L		103	70 - 130	0	20
Isophorone	<0.098		1.97	2.16		ug/L		109	70 - 130	1	20
Malathion	<0.098		1.97	2.20		ug/L		112	70 - 130	1	20
Methoxychlor	<0.049		1.97	2.40		ug/L		122	70 - 130	3	20

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 220114

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Metolachlor	<0.049		1.97	2.41		ug/L		122	70 - 130	0	20
Molinate	<0.098		1.97	2.31		ug/L		117	70 - 130	1	20
Naphthalene	<0.098		1.97	2.10		ug/L		106	70 - 130	1	20
Parathion	<0.098		1.97	2.37		ug/L		120	70 - 130	1	20
Pendimethalin (Penoxaline)	<0.098		1.97	2.18		ug/L		110	70 - 130	2	20
Phenanthrene	<0.039		1.97	2.05		ug/L		104	70 - 130	0	20
Propachlor	<0.049		1.97	2.42		ug/L		123	70 - 130	1	20
Pyrene	<0.049		1.97	2.37		ug/L		120	70 - 130	1	20
Simazine	<0.049		1.97	2.23		ug/L		113	70 - 130	2	20
Terbacil	<0.098		1.97	2.21		ug/L		112	70 - 130	3	20
Terbuthylazine	<0.098		1.97	2.28		ug/L		115	70 - 130	3	20
Thiobencarb	<0.098		1.97	2.32		ug/L		117	70 - 130	0	20
trans-Nonachlor	<0.049		1.97	2.21		ug/L		112	70 - 130	1	20
Trifluralin	<0.098		1.97	2.03		ug/L		103	70 - 130	5	20
1-Methylnaphthalene	<0.098		1.97	1.95		ug/L		98	70 - 130	0	20
2-Methylnaphthalene	<0.098		1.97	2.02		ug/L		102	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*102*		*70 - 130*

Method: 625.1 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-722458/1-A
Matrix: Water
Analysis Batch: 725200

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722458

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/10/26 09:15*	*04/16/26 07:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*33 - 139*	*04/10/26 09:15*	*04/16/26 07:49*	*1*
2-Fluorobiphenyl (Surr)	*86*		*33 - 126*	*04/10/26 09:15*	*04/16/26 07:49*	*1*
2-Fluorophenol (Surr)	*59*		*12 - 120*	*04/10/26 09:15*	*04/16/26 07:49*	*1*
Nitrobenzene-d5 (Surr)	*104*		*36 - 120*	*04/10/26 09:15*	*04/16/26 07:49*	*1*
Phenol-d6 (Surr)	*35*		*10 - 120*	*04/10/26 09:15*	*04/16/26 07:49*	*1*
p-Terphenyl-d14 (Surr)	*85*		*47 - 131*	*04/10/26 09:15*	*04/16/26 07:49*	*1*

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM)

Lab Sample ID: MB 570-722458/1-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722458

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
2,4,5-Trichlorophenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

Lab Sample ID: MB 570-722458/1-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722458

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2,4-Dichlorophenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2,4-Dinitrophenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2,6-Dichlorophenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Chloronaphthalene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Chlorophenol	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Methylphenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Nitroaniline	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
2-Nitrophenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
3/4-Methylphenol	<2.0		2.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
3-Nitroaniline	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
4,6-Dinitro-2-methylphenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Chloro-3-methylphenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Chloroaniline	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Nitroaniline	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
4-Nitrophenol	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
Acenaphthene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Acenaphthylene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Aniline	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Anthracene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzidine	<5.0		5.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzoic acid	<10		10		ug/L		04/10/26 09:15	04/15/26 07:55	1
Benzyl alcohol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Chrysene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Dibenzofuran	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Fluoranthene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Fluorene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Hexachloroethane	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Naphthalene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Nitrobenzene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Pentachlorophenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
Phenanthrene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1
Phenol	<1.0		1.0		ug/L		04/10/26 09:15	04/15/26 07:55	1
Pyrene	<0.20		0.20		ug/L		04/10/26 09:15	04/15/26 07:55	1

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*	*04/10/26 09:15*	*04/15/26 07:55*	*1*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*	*04/10/26 09:15*	*04/15/26 07:55*	*1*
2-Fluorophenol (Surr)	*55*		*17 - 120*	*04/10/26 09:15*	*04/15/26 07:55*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*04/10/26 09:15*	*04/15/26 07:55*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*04/10/26 09:15*	*04/15/26 07:55*	*1*
p-Terphenyl-d14 (Surr)	*77*		*45 - 120*	*04/10/26 09:15*	*04/15/26 07:55*	*1*

Lab Sample ID: LCS 570-722458/2-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722458

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.2		ug/L		71	47 - 120
2,4,5-Trichlorophenol	20.0	17.7		ug/L		89	57 - 120
2,4,6-Trichlorophenol	20.0	16.5		ug/L		82	52 - 129
2,4-Dichlorophenol	20.0	14.9		ug/L		74	53 - 122
2,4-Dinitrophenol	20.0	18.1		ug/L		91	1 - 173
2,6-Dichlorophenol	20.0	14.8		ug/L		74	50 - 120
2-Chloronaphthalene	20.0	16.1		ug/L		80	65 - 120
2-Chlorophenol	20.0	17.9		ug/L		89	36 - 120
2-Methylnaphthalene	20.0	13.7		ug/L		69	43 - 120
2-Methylphenol	20.0	17.3		ug/L		86	46 - 120
2-Nitroaniline	20.0	18.6		ug/L		93	51 - 125
2-Nitrophenol	20.0	15.1		ug/L		76	45 - 167
3/4-Methylphenol	40.0	29.3		ug/L		73	29 - 120
3-Nitroaniline	20.0	16.0		ug/L		80	62 - 129
4,6-Dinitro-2-methylphenol	20.0	17.6		ug/L		88	53 - 130
4-Bromophenyl phenyl ether	20.0	14.9		ug/L		75	65 - 120
4-Chloro-3-methylphenol	20.0	15.0		ug/L		75	41 - 128
4-Chloroaniline	20.0	8.74	*-	ug/L		44	51 - 120
4-Chlorophenyl phenyl ether	20.0	16.1		ug/L		80	38 - 145
4-Nitroaniline	20.0	17.4		ug/L		87	64 - 129
4-Nitrophenol	20.0	7.87		ug/L		39	13 - 129
Acenaphthene	20.0	15.9		ug/L		80	60 - 132
Acenaphthylene	20.0	16.1		ug/L		80	54 - 126
Aniline	20.0	2.85	*-	ug/L		14	52 - 121
Anthracene	20.0	16.0		ug/L		80	43 - 120
Benzidine	20.0	2.67	J *-	ug/L		13	20 - 164
Benzo[a]anthracene	20.0	16.8		ug/L		84	42 - 133
Benzo[a]pyrene	20.0	17.6		ug/L		88	32 - 148
Benzo[b]fluoranthene	20.0	17.4		ug/L		87	42 - 140
Benzo[g,h,i]perylene	20.0	16.2		ug/L		81	1 - 195
Benzo[k]fluoranthene	20.0	16.6		ug/L		83	25 - 146
Benzoic acid	20.0	9.38	J	ug/L		47	20 - 120
Benzyl alcohol	20.0	14.4		ug/L		72	44 - 122
Bis(2-chloroethoxy)methane	20.0	14.7		ug/L		73	49 - 165
Bis(2-chloroethyl)ether	20.0	16.0		ug/L		80	43 - 126
bis (2-Chloroisopropyl) ether	20.0	17.2		ug/L		86	63 - 139
Chrysene	20.0	15.7		ug/L		79	44 - 140
Dibenz(a,h)anthracene	20.0	17.1		ug/L		86	1 - 200
Dibenzofuran	20.0	16.7		ug/L		83	48 - 120

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

Lab Sample ID: LCS 570-722458/2-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722458

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoranthene			20.0	16.9		ug/L		85	43 - 121		
Fluorene			20.0	16.2		ug/L		81	70 - 120		
Hexachloroethane			20.0	13.6		ug/L		68	55 - 120		
Indeno[1,2,3-cd]pyrene			20.0	16.9		ug/L		84	1 - 151		
Naphthalene			20.0	13.3		ug/L		66	36 - 120		
Nitrobenzene			20.0	15.7		ug/L		78	54 - 158		
N-Nitrosodi-n-propylamine			20.0	16.7		ug/L		84	14 - 198		
N-Nitrosodiphenylamine			20.0	19.3		ug/L		97	65 - 133		
Pentachlorophenol			20.0	17.0		ug/L		85	38 - 152		
Phenanthrene			20.0	16.0		ug/L		80	65 - 120		
Phenol			20.0	8.72		ug/L		44	17 - 120		
Pyrene			20.0	16.6		ug/L		83	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*
2-Fluorobiphenyl (Surr)	*79*		*31 - 120*
2-Fluorophenol (Surr)	*62*		*17 - 120*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*
Phenol-d6 (Surr)	*40*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

Lab Sample ID: LCSD 570-722458/3-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722458

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	15.6		ug/L		78	47 - 120	9	20
2,4,5-Trichlorophenol			20.0	20.2		ug/L		101	57 - 120	13	20
2,4,6-Trichlorophenol			20.0	18.6		ug/L		93	52 - 129	12	35
2,4-Dichlorophenol			20.0	16.5		ug/L		83	53 - 122	11	30
2,4-Dinitrophenol			20.0	21.4		ug/L		107	1 - 173	16	79
2,6-Dichlorophenol			20.0	16.2		ug/L		81	50 - 120	9	20
2-Chloronaphthalene			20.0	18.4		ug/L		92	65 - 120	13	15
2-Chlorophenol			20.0	19.7		ug/L		99	36 - 120	10	37
2-Methylnaphthalene			20.0	14.9		ug/L		75	43 - 120	8	20
2-Methylphenol			20.0	19.2		ug/L		96	46 - 120	11	20
2-Nitroaniline			20.0	21.2		ug/L		106	51 - 125	13	20
2-Nitrophenol			20.0	16.9		ug/L		85	45 - 167	11	33
3/4-Methylphenol			40.0	33.0		ug/L		82	29 - 120	12	20
3-Nitroaniline			20.0	19.2		ug/L		96	62 - 129	18	20
4,6-Dinitro-2-methylphenol			20.0	20.0		ug/L		100	53 - 130	13	122
4-Bromophenyl phenyl ether			20.0	16.8		ug/L		84	65 - 120	12	26
4-Chloro-3-methylphenol			20.0	16.6		ug/L		83	41 - 128	11	44
4-Chloroaniline			20.0	14.9	*1	ug/L		74	51 - 120	52	20
4-Chlorophenyl phenyl ether			20.0	17.9		ug/L		90	38 - 145	11	36
4-Nitroaniline			20.0	19.6		ug/L		98	64 - 129	12	20
4-Nitrophenol			20.0	8.94		ug/L		45	13 - 129	13	79
Acenaphthene			20.0	17.8		ug/L		89	60 - 132	11	29

Method: 625.1 SIM - Semivolatile Organic Compounds GC/MS (SIM) (Continued)

Lab Sample ID: LCSD 570-722458/3-A
Matrix: Water
Analysis Batch: 724634

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722458

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthylene			20.0	18.0		ug/L		90	54 - 126	11	45
Aniline			20.0	9.54	*- *1	ug/L		48	52 - 121	108	21
Anthracene			20.0	18.0		ug/L		90	43 - 120	12	40
Benzidine			20.0	2.92	J *-	ug/L		15	20 - 164	9	30
Benzo[a]anthracene			20.0	19.0		ug/L		95	42 - 133	12	32
Benzo[a]pyrene			20.0	19.8		ug/L		99	32 - 148	12	43
Benzo[b]fluoranthene			20.0	19.3		ug/L		96	42 - 140	10	43
Benzo[g,h,i]perylene			20.0	18.1		ug/L		91	1 - 195	11	61
Benzo[k]fluoranthene			20.0	18.7		ug/L		94	25 - 146	12	38
Benzoic acid			20.0	10.5		ug/L		52	20 - 120	11	30
Benzyl alcohol			20.0	16.7		ug/L		84	44 - 122	15	20
Bis(2-chloroethoxy)methane			20.0	16.4		ug/L		82	49 - 165	11	32
Bis(2-chloroethyl)ether			20.0	16.9		ug/L		84	43 - 126	5	65
bis (2-Chloroisopropyl) ether			20.0	18.9		ug/L		94	63 - 139	9	46
Chrysene			20.0	17.6		ug/L		88	44 - 140	11	53
Dibenz(a,h)anthracene			20.0	19.2		ug/L		96	1 - 200	11	75
Dibenzofuran			20.0	18.9		ug/L		95	48 - 120	13	20
Fluoranthene			20.0	18.6		ug/L		93	43 - 121	9	40
Fluorene			20.0	18.2		ug/L		91	70 - 120	12	23
Hexachloroethane			20.0	15.2		ug/L		76	55 - 120	11	32
Indeno[1,2,3-cd]pyrene			20.0	18.8		ug/L		94	1 - 151	11	60
Naphthalene			20.0	14.6		ug/L		73	36 - 120	9	39
Nitrobenzene			20.0	17.1		ug/L		85	54 - 158	9	37
N-Nitrosodi-n-propylamine			20.0	18.7		ug/L		93	14 - 198	11	52
N-Nitrosodiphenylamine			20.0	22.2		ug/L		111	65 - 133	14	20
Pentachlorophenol			20.0	19.4		ug/L		97	38 - 152	13	52
Phenanthrene			20.0	17.8		ug/L		89	65 - 120	10	24
Phenol			20.0	9.94		ug/L		50	17 - 120	13	39
Pyrene			20.0	18.7		ug/L		94	70 - 120	12	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*28 - 127*
2-Fluorobiphenyl (Surr)	*86*		*31 - 120*
2-Fluorophenol (Surr)	*69*		*17 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

Method: 8015B GRO LL - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-726079/6
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			04/17/26 15:48	1

Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: MB 570-726079/6
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		38 - 134		04/17/26 15:48	1

Lab Sample ID: LCS 570-726079/3
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			400	421		ug/L		105	78 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		38 - 134

Lab Sample ID: LCSD 570-726079/4
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			400	394		ug/L		98	78 - 120	7	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		38 - 134

Lab Sample ID: MRL 570-726079/5
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	11.8		ug/L		118	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		38 - 134

Lab Sample ID: 570-275047-D-4 MS
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)	<10		400	419		ug/L		105	68 - 122		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		38 - 134

Method: 8015B GRO LL - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: 570-275047-E-4 MSD
Matrix: Water
Analysis Batch: 726079

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	<10		400	419		ug/L		105	68 - 122	0	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*38 - 134*

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Lab Sample ID: MBL 380-218851/4-A
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218851

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0040		0.020		ug/L		04/09/26 15:42	04/10/26 05:26	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.010		ug/L		04/09/26 15:42	04/10/26 05:26	1
1,2-Dibromoethane	<0.0040		0.010		ug/L		04/09/26 15:42	04/10/26 05:26	1

Surrogate	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*111*		*60 - 140*	*04/09/26 15:42*	*04/10/26 05:26*	*1*

Lab Sample ID: LCS 380-218851/29-A
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218851

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.200	0.229		ug/L		114	70 - 130		
1,2-Dibromo-3-Chloropropane			0.200	0.226		ug/L		113	70 - 130		
1,2-Dibromoethane			0.200	0.233		ug/L		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*119*		*60 - 140*

Lab Sample ID: MRL 380-218851/2-A
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218851

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0200	0.0176	J	ug/L		88	60 - 140		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*115*		*60 - 140*

Lab Sample ID: MRL 380-218851/3-A
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218851

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0558		ug/L		112	60 - 140		

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: MRL 380-218851/3-A
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218851

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromo-3-Chloropropane			0.0100	0.0116		ug/L		116	60 - 140		
1,2-Dibromoethane			0.0100	0.00869	J	ug/L		87	60 - 140		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*114*		*60 - 140*

Lab Sample ID: 380-207170-BJ-1-A MS
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane	<0.020		1.25	1.42		ug/L		113	65 - 135		
1,2-Dibromo-3-Chloropropane	<0.010		0.250	0.298		ug/L		119	65 - 135		
1,2-Dibromoethane	<0.010		0.250	0.290		ug/L		116	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*114*		*60 - 140*

Lab Sample ID: 380-207166-AC-1-A DU
Matrix: Water
Analysis Batch: 219081

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 218851

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1,2,3-Trichloropropane	<0.020			<0.020		ug/L				NC	20
1,2-Dibromo-3-Chloropropane	<0.0099			<0.010		ug/L				NC	20
1,2-Dibromoethane	<0.0099			<0.010		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*113*		*60 - 140*

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Lab Sample ID: MB 380-218890/3-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218890

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.50		0.50		ug/L		04/09/26 15:34	04/09/26 17:40	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1016	<0.070		0.070		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1221	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1232	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1242	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1248	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1254	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1
PCB-1260	<0.070		0.070		ug/L		04/09/26 15:34	04/09/26 17:40	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		04/09/26 15:34	04/09/26 17:40	1

Method: 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Lab Sample ID: MB 380-218890/3-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218890

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	108		70 - 130	04/09/26 15:34	04/09/26 17:40	1

Lab Sample ID: LCS 380-218890/28-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			2.50	2.66		ug/L		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	103		70 - 130

Lab Sample ID: LCS 380-218890/29-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.500	0.479		ug/L		96	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	97		70 - 130

Lab Sample ID: LCS 380-218890/31-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1248			0.500	0.547		ug/L		109	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	100		70 - 130

Lab Sample ID: LCSD 380-218890/30-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlordane (n.o.s.)			0.500	0.506		ug/L		101	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	107		70 - 130

Method: 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Lab Sample ID: MRL 380-218890/1-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			0.500	0.451	J	ug/L		90	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*93*		*70 - 130*

Lab Sample ID: MRL 380-218890/2-A
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218890

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.100	0.104		ug/L		104	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*97*		*70 - 130*

Lab Sample ID: 380-207166-AD-1-A MS
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.50		2.49	2.52		ug/L		101	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*94*		*70 - 130*

Lab Sample ID: 380-207166-AF-1-A MS
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)	<0.10		0.492	0.488		ug/L		99	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*103*		*70 - 130*

Lab Sample ID: 380-207168-AP-1-A MS
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.50		2.47	2.49		ug/L		101	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*99*		*70 - 130*

Method: 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Lab Sample ID: 380-207168-AR-1-A MS
Matrix: Water
Analysis Batch: 219078

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218890

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlordane (n.o.s.)	<0.10		0.496	0.482		ug/L		97	65 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level

Lab Sample ID: MB 570-722504/1-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722504

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1
C8-C18	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 130*	*04/10/26 09:56*	*04/10/26 22:15*	*1*

Lab Sample ID: LCS 570-722504/2-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			1600	1530		ug/L		95	56 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*104*		*60 - 130*

Lab Sample ID: LCSD 570-722504/3-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1490		ug/L		93	56 - 127	2	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*60 - 130*

Lab Sample ID: MRL 570-722504/4-A
Matrix: Water
Analysis Batch: 723209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			0.0200	0.0253		mg/L		127	50 - 150

Method: 8015B - Diesel Range Organics (DRO) (GC) Low Level (Continued)

Lab Sample ID: MRL 570-722504/4-A
Matrix: Water
Analysis Batch: 723209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	96		60 - 130

Lab Sample ID: 380-206949-B-1-A MS
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 722504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1700	1640		ug/L		97	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	101		60 - 130

Lab Sample ID: 380-206949-B-1-B MSD
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 722504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1670	1690		ug/L		101	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	106		60 - 130

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Lab Sample ID: MB 570-723893/3
Matrix: Water
Analysis Batch: 723893

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10		0.10		mg/L			04/14/26 05:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Hexafluoro-2-propanol (Surr)	98	p	52 - 149		04/14/26 05:39	1

Lab Sample ID: LCS 570-723893/4
Matrix: Water
Analysis Batch: 723893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethanol			2.00	1.93		mg/L		97	59 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Hexafluoro-2-propanol (Surr)	99		52 - 149

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCSD 570-723893/5
Matrix: Water
Analysis Batch: 723893

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethanol			2.00	2.17		mg/L		108	59 - 153	11	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*101*	*p*	*52 - 149*

Lab Sample ID: MRL 570-723893/6
Matrix: Water
Analysis Batch: 723893

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Ethanol			0.100	0.0859	J	mg/L		86	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*97*		*52 - 149*

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 723893

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethanol	<0.10	F1	2000	2.19	F1	mg/L		0.1	61 - 150		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*97*	*p*	*52 - 149*

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 723893

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethanol	<0.10	F1	2000	2.33	F1	mg/L		0.1	61 - 150	6	36

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*97*	*p*	*52 - 149*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-218600/38
Matrix: Water
Analysis Batch: 218600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.050		0.050		mg/L			04/08/26 16:22	1
Nitrite as N	<0.050		0.050		mg/L			04/08/26 16:22	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 380-218600/40
Matrix: Water
Analysis Batch: 218600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.56		mg/L		102	90 - 110
Nitrite as N	1.00	1.03		mg/L		103	90 - 110

Lab Sample ID: LCSD 380-218600/41
Matrix: Water
Analysis Batch: 218600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	2.50	2.57		mg/L		103	90 - 110	0	20
Nitrite as N	1.00	1.03		mg/L		103	90 - 110	0	20

Lab Sample ID: MRL 380-218600/39
Matrix: Water
Analysis Batch: 218600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.0500	0.0481	J	mg/L		96	50 - 150
Nitrite as N	0.0500	0.0491	J	mg/L		98	50 - 150

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 218600

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.55		6.25	7.11		mg/L		105	80 - 120
Nitrite as N	<0.25		2.50	2.57		mg/L		103	80 - 120

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 218600

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.55		6.25	7.12		mg/L		105	80 - 120	0	20
Nitrite as N	<0.25		2.50	2.57		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 380-218601/38
Matrix: Water
Analysis Batch: 218601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.50		0.50	mg/L			04/08/26 16:22	1
Sulfate	<0.25		0.25	mg/L			04/08/26 16:22	1

Lab Sample ID: LCS 380-218601/40
Matrix: Water
Analysis Batch: 218601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	26.2		mg/L		105	90 - 110
Sulfate	50.0	51.7		mg/L		103	90 - 110

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 380-218601/41
Matrix: Water
Analysis Batch: 218601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			25.0	26.2		mg/L		105	90 - 110	0	20
Sulfate			50.0	51.8		mg/L		104	90 - 110	0	20

Lab Sample ID: MRL 380-218601/39
Matrix: Water
Analysis Batch: 218601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.459	J	mg/L		92	50 - 150		
Sulfate			0.250	0.259		mg/L		104	50 - 150		

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 218601

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	89		62.5	156		mg/L		107	80 - 120		
Sulfate	13		125	146		mg/L		107	80 - 120		

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 218601

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	89		62.5	156		mg/L		107	80 - 120	0	20
Sulfate	13		125	146		mg/L		106	80 - 120	0	20

Lab Sample ID: MB 380-218974/6
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0		ug/L			04/10/26 01:39	1

Lab Sample ID: LCS 380-218974/7
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			100	98.3		ug/L		98	90 - 110		

Lab Sample ID: LCSD 380-218974/8
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide			100	98.6		ug/L		99	90 - 110	0	10

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 380-218974/5
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			5.00	4.86	J	ug/L		97	75 - 125		

Lab Sample ID: 380-207001-I-1 MS
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	<5.0		50.0	53.6		ug/L		100	80 - 120		

Lab Sample ID: 380-207001-I-1 MSD
Matrix: Water
Analysis Batch: 218974

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	<5.0		50.0	53.5		ug/L		100	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MBL 380-218923/84
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.031		0.10		mg/L			04/09/26 14:33	1
Magnesium	<0.0099		0.10		mg/L			04/09/26 14:33	1
Potassium	<0.044		0.20		mg/L			04/09/26 14:33	1
Sodium	<0.019		0.10		mg/L			04/09/26 14:33	1

Lab Sample ID: LCS 380-218923/86
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			50.0	50.9		mg/L		102	85 - 115		
Magnesium			20.0	20.2		mg/L		101	85 - 115		
Potassium			20.0	20.1		mg/L		101	85 - 115		
Sodium			50.0	50.4		mg/L		101	85 - 115		

Lab Sample ID: LCSD 380-218923/87
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			50.0	50.6		mg/L		101	85 - 115	1	20
Magnesium			20.0	20.1		mg/L		100	85 - 115	1	20
Potassium			20.0	20.1		mg/L		100	85 - 115	0	20
Sodium			50.0	50.1		mg/L		100	85 - 115	1	20

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LLCS 380-218923/85
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium			0.100	0.109		mg/L		109	50 - 150		
Magnesium			0.100	0.0990	J	mg/L		99	50 - 150		
Potassium			0.100	0.125	J	mg/L		125	50 - 150		
Sodium			0.100	0.102		mg/L		102	50 - 150		

Lab Sample ID: 380-207054-D-1 MS
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	16		50.0	62.5		mg/L		93	70 - 130		
Magnesium	12		20.0	29.9		mg/L		89	70 - 130		
Potassium	2.5	^2	20.0	21.7		mg/L		96	70 - 130		
Sodium	22		50.0	67.3		mg/L		91	70 - 130		

Lab Sample ID: 380-207054-D-1 MSD
Matrix: Water
Analysis Batch: 218923

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	16		50.0	61.9		mg/L		92	70 - 130	1	20
Magnesium	12		20.0	29.7		mg/L		88	70 - 130	1	20
Potassium	2.5	^2	20.0	21.5		mg/L		95	70 - 130	1	20
Sodium	22		50.0	66.8		mg/L		90	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-218943/49
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.48		1.0		ug/L			04/09/26 14:16	1
Arsenic	<0.25		1.0		ug/L			04/09/26 14:16	1
Beryllium	<0.12		0.30		ug/L			04/09/26 14:16	1
Cadmium	<0.081		0.50		ug/L			04/09/26 14:16	1
Chromium	<0.33		0.90		ug/L			04/09/26 14:16	1
Copper	<0.28		1.0		ug/L			04/09/26 14:16	1
Lead	<0.084		0.50		ug/L			04/09/26 14:16	1
Nickel	<0.38		5.0		ug/L			04/09/26 14:16	1
Selenium	<0.25		2.0		ug/L			04/09/26 14:16	1
Silver	<0.30		0.50		ug/L			04/09/26 14:16	1
Thallium	<0.10		0.30		ug/L			04/09/26 14:16	1
Zinc	<1.3		5.0		ug/L			04/09/26 14:16	1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 380-218943/51
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	50.9		ug/L		102	85 - 115
Arsenic	50.0	51.4		ug/L		103	85 - 115
Beryllium	50.0	49.6		ug/L		99	85 - 115
Cadmium	50.0	50.4		ug/L		101	85 - 115
Chromium	50.0	49.8		ug/L		100	85 - 115
Copper	50.0	50.9		ug/L		102	85 - 115
Lead	50.0	49.5		ug/L		99	85 - 115
Nickel	50.0	49.5		ug/L		99	85 - 115
Selenium	50.0	50.3		ug/L		101	85 - 115
Silver	50.0	51.1		ug/L		102	85 - 115
Thallium	50.0	49.4		ug/L		99	85 - 115
Zinc	50.0	50.2		ug/L		100	85 - 115

Lab Sample ID: LCSD 380-218943/52
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	50.0	51.0		ug/L		102	85 - 115	0	20
Arsenic	50.0	51.2		ug/L		102	85 - 115	0	20
Beryllium	50.0	49.4		ug/L		99	85 - 115	0	20
Cadmium	50.0	50.2		ug/L		100	85 - 115	0	20
Chromium	50.0	49.5		ug/L		99	85 - 115	1	20
Copper	50.0	50.4		ug/L		101	85 - 115	1	20
Lead	50.0	49.2		ug/L		98	85 - 115	1	20
Nickel	50.0	49.2		ug/L		98	85 - 115	1	20
Selenium	50.0	50.4		ug/L		101	85 - 115	0	20
Silver	50.0	50.9		ug/L		102	85 - 115	0	20
Thallium	50.0	49.7		ug/L		99	85 - 115	1	20
Zinc	50.0	49.5		ug/L		99	85 - 115	1	20

Lab Sample ID: LLCS 380-218943/50
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.00	1.04		ug/L		104	50 - 150
Arsenic	1.00	1.12		ug/L		112	50 - 150
Beryllium	0.300	0.309		ug/L		103	50 - 150
Cadmium	0.500	0.501		ug/L		100	50 - 150
Chromium	0.900	1.04		ug/L		116	50 - 150
Copper	1.00	1.03		ug/L		103	50 - 150
Lead	0.500	0.499	J	ug/L		100	50 - 150
Nickel	1.00	1.01	J	ug/L		101	50 - 150
Selenium	2.00	2.03		ug/L		101	50 - 150
Silver	0.500	0.518		ug/L		104	50 - 150
Thallium	0.300	0.301		ug/L		100	50 - 150
Zinc	5.00	5.05		ug/L		101	50 - 150

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 380-207018-U-1 MS
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.0		50.0	50.4		ug/L		101	70 - 130
Arsenic	<1.0		50.0	54.3		ug/L		107	70 - 130
Beryllium	<0.30		50.0	48.2		ug/L		96	70 - 130
Cadmium	<0.50		50.0	50.2		ug/L		100	70 - 130
Chromium	<0.90		50.0	47.8		ug/L		96	70 - 130
Copper	<1.0		50.0	47.4		ug/L		95	70 - 130
Lead	<0.50		50.0	47.0		ug/L		94	70 - 130
Nickel	<5.0		50.0	46.5		ug/L		93	70 - 130
Selenium	<2.0		50.0	56.7		ug/L		113	70 - 130
Silver	<0.50		50.0	41.4		ug/L		83	70 - 130
Thallium	<0.30		50.0	47.2		ug/L		94	70 - 130
Zinc	<5.0		50.0	52.7		ug/L		105	70 - 130

Lab Sample ID: 380-207018-U-1 MSD
Matrix: Water
Analysis Batch: 218943

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.0		50.0	51.0		ug/L		102	70 - 130	1	20
Arsenic	<1.0		50.0	54.6		ug/L		108	70 - 130	1	20
Beryllium	<0.30		50.0	48.9		ug/L		98	70 - 130	2	20
Cadmium	<0.50		50.0	50.8		ug/L		102	70 - 130	1	20
Chromium	<0.90		50.0	47.9		ug/L		96	70 - 130	0	20
Copper	<1.0		50.0	47.9		ug/L		96	70 - 130	1	20
Lead	<0.50		50.0	47.4		ug/L		95	70 - 130	1	20
Nickel	<5.0		50.0	46.7		ug/L		93	70 - 130	0	20
Selenium	<2.0		50.0	57.2		ug/L		114	70 - 130	1	20
Silver	<0.50		50.0	48.3		ug/L		97	70 - 130	15	20
Thallium	<0.30		50.0	47.6		ug/L		95	70 - 130	1	20
Zinc	<5.0		50.0	53.0		ug/L		106	70 - 130	1	20

Method: 200.8 - Mercury (ICP/MS)

Lab Sample ID: MBL 380-220145/1-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20		ug/L		04/15/26 10:17	04/15/26 18:47	1

Lab Sample ID: LCS 380-220145/3-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			1.00	1.03		ug/L		103	85 - 115

Method: 200.8 - Mercury (ICP/MS) (Continued)

Lab Sample ID: LCSD 380-220145/4-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			1.00	1.04		ug/L		104	85 - 115	1	20

Lab Sample ID: LLCS 380-220145/2-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.200	0.212		ug/L		106	50 - 150		

Lab Sample ID: 380-207916-BL-1-B MS
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.20		1.00	1.06		ug/L		106	70 - 130		

Lab Sample ID: 380-207916-BL-1-C MSD
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	1.10		ug/L		110	70 - 130	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 380-219221/1
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<2.0		2.0		mg/L			04/09/26 21:38	1
Bicarbonate Alkalinity as CaCO3	<2.0		2.0		mg/L			04/09/26 21:38	1
Carbonate Alkalinity as CaCO3	<2.0		2.0		mg/L			04/09/26 21:38	1

Lab Sample ID: LCS 380-219221/3
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			100	94.3		mg/L		94	90 - 110		

Lab Sample ID: LCSD 380-219221/18
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			100	95.0		mg/L		95	90 - 110	1	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LLCS 380-219221/4
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	20.0	18.4		mg/L		92	90 - 110

Lab Sample ID: MRL 380-219221/2
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	2.00	1.78	J	mg/L		89	50 - 150

Lab Sample ID: 380-206876-F-1 MS
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	3.6		100	98.4		mg/L		95	80 - 120

Lab Sample ID: 380-206876-F-1 MSD
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	3.6		100	98.8		mg/L		95	80 - 120	0	20

Lab Sample ID: 380-206876-F-1 DU
Matrix: Water
Analysis Batch: 219221

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	3.6		3.10		mg/L		14	20
Bicarbonate Alkalinity as CaCO3	4.9		4.60		mg/L		7	20
Carbonate Alkalinity as CaCO3	<2.0		<2.0		mg/L		NC	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 380-219223/3
Matrix: Water
Analysis Batch: 219223

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<2.0		2.0	umhos/cm			04/09/26 21:38	1

Lab Sample ID: LCS 380-219223/5
Matrix: Water
Analysis Batch: 219223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1000	991		umhos/cm		99	90 - 110

Method: SM 2510B - Conductivity, Specific Conductance (Continued)

Lab Sample ID: LCSD 380-219223/14
Matrix: Water
Analysis Batch: 219223

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Specific Conductance			1000	984		umhos/cm		98	90 - 110	1	10

Lab Sample ID: MRL 380-219223/4
Matrix: Water
Analysis Batch: 219223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Specific Conductance			2.00	2.00		umhos/cm		100	50 - 150		

Lab Sample ID: 380-206876-F-1 DU
Matrix: Water
Analysis Batch: 219223

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Specific Conductance	16			15.5		umhos/cm				1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 380-218881/1
Matrix: Water
Analysis Batch: 218881

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			04/09/26 13:50	1

Lab Sample ID: HLCS 380-218881/4
Matrix: Water
Analysis Batch: 218881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			700	688		mg/L		98	80 - 114		

Lab Sample ID: LCS 380-218881/3
Matrix: Water
Analysis Batch: 218881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			175	178		mg/L		102	80 - 114		

Lab Sample ID: MRL 380-218881/2
Matrix: Water
Analysis Batch: 218881

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			10.0	10.0		mg/L		100	50 - 150		

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 380-207083-B-6 DU
Matrix: Water
Analysis Batch: 218881

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	230		224		mg/L		3	10

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 380-219219/74
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.050		0.050	mg/L			04/09/26 21:59	1

Lab Sample ID: LCS 380-219219/76
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.00	1.04		mg/L		104	90 - 110

Lab Sample ID: LCSD 380-219219/77
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	1.00	1.04		mg/L		104	90 - 110	0	10

Lab Sample ID: MRL 380-219219/75
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.0500	0.0534		mg/L		107	50 - 150

Lab Sample ID: 380-206464-B-1 MS
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.63		1.00	1.68		mg/L		105	80 - 120

Lab Sample ID: 380-206464-B-1 MSD
Matrix: Water
Analysis Batch: 219219

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.63		1.00	1.68		mg/L		105	80 - 120	0	20

Method: SM 4500 H+ B - pH

Lab Sample ID: MB 380-219225/5
Matrix: Water
Analysis Batch: 219225

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	5.6				SU			04/09/26 21:38	1

Lab Sample ID: LCS 380-219225/6
Matrix: Water
Analysis Batch: 219225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
pH			6.00	6.0		SU		100	98 - 102		

Lab Sample ID: LCSD 380-219225/18
Matrix: Water
Analysis Batch: 219225

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
pH			6.00	6.0		SU		100	98 - 102	0	2

Lab Sample ID: 380-206876-F-1 DU
Matrix: Water
Analysis Batch: 219225

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.1			6.0		SU				1	2

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 380-219498/3
Matrix: Water
Analysis Batch: 219498

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.050		0.050		mg/L			04/13/26 15:33	1

Lab Sample ID: LCS 380-219498/5
Matrix: Water
Analysis Batch: 219498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			0.250	0.252		mg/L		101	90 - 110		

Lab Sample ID: LCSD 380-219498/6
Matrix: Water
Analysis Batch: 219498

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide			0.250	0.257		mg/L		103	90 - 110	2	20

Method: SM 4500 S2 D - Sulfide, Total (Continued)

Lab Sample ID: MRL 380-219498/4
Matrix: Water
Analysis Batch: 219498

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			0.0500	0.0547		mg/L		109	50 - 150		

Lab Sample ID: 380-207013-1 MS
Matrix: Drinking Water
Analysis Batch: 219498

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<0.050	F1	0.250	0.0729	F1	mg/L		29	80 - 120		

Lab Sample ID: 380-207013-1 MSD
Matrix: Drinking Water
Analysis Batch: 219498

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.050	F1	0.250	0.0778	F1	mg/L		31	80 - 120	7	20

QC Association Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

GC/MS VOA

Analysis Batch: 218778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
380-207013-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	524.2	
MB 380-218778/8	Method Blank	Total/NA	Water	524.2	
LCS 380-218778/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-218778/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-218778/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-218778/4	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 219135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	

Analysis Batch: 221717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
MB 380-221717/8	Method Blank	Total/NA	Water	524.2	
LCS 380-221717/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-221717/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-221717/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-221717/4	Lab Control Sample	Total/NA	Water	524.2	

GC/MS Semi VOA

Prep Batch: 219571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
MB 380-219571/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-219571/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-219571/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	

Analysis Batch: 220114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	219571
MB 380-219571/21-A	Method Blank	Total/NA	Water	525.2	219571
LCS 380-219571/23-A	Lab Control Sample	Total/NA	Water	525.2	219571
MRL 380-219571/22-A	Lab Control Sample	Total/NA	Water	525.2	219571
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	219571
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	219571

Prep Batch: 722458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
MB 570-722458/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-722458/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-722458/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

GC/MS Semi VOA

Analysis Batch: 724634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	722458
MB 570-722458/1-A	Method Blank	Total/NA	Water	625.1 SIM	722458
LCS 570-722458/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	722458
LCSD 570-722458/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	722458

Analysis Batch: 725200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	722458
MB 570-722458/1-A	Method Blank	Total/NA	Water	625.1	722458

GC VOA

Analysis Batch: 726079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-207013-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	8015B GRO LL	
MB 570-726079/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-726079/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-726079/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-726079/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
570-275047-D-4 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
570-275047-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 218851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	504.1	
380-207013-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	504.1	
MBL 380-218851/4-A	Method Blank	Total/NA	Water	504.1	
LCS 380-218851/29-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-218851/2-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-218851/3-A	Lab Control Sample	Total/NA	Water	504.1	
380-207170-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	
380-207166-AC-1-A DU	Duplicate	Total/NA	Water	504.1	

Prep Batch: 218890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	505	
MB 380-218890/3-A	Method Blank	Total/NA	Water	505	
LCS 380-218890/28-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-218890/29-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-218890/31-A	Lab Control Sample	Total/NA	Water	505	
LCSD 380-218890/30-A	Lab Control Sample Dup	Total/NA	Water	505	
MRL 380-218890/1-A	Lab Control Sample	Total/NA	Water	505	
MRL 380-218890/2-A	Lab Control Sample	Total/NA	Water	505	
380-207166-AD-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207166-AF-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207168-AP-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207168-AR-1-A MS	Matrix Spike	Total/NA	Water	505	

GC Semi VOA

Analysis Batch: 219078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	505	218890
MB 380-218890/3-A	Method Blank	Total/NA	Water	505	218890
LCS 380-218890/28-A	Lab Control Sample	Total/NA	Water	505	218890
LCS 380-218890/29-A	Lab Control Sample	Total/NA	Water	505	218890
LCS 380-218890/31-A	Lab Control Sample	Total/NA	Water	505	218890
LCSD 380-218890/30-A	Lab Control Sample Dup	Total/NA	Water	505	218890
MRL 380-218890/1-A	Lab Control Sample	Total/NA	Water	505	218890
MRL 380-218890/2-A	Lab Control Sample	Total/NA	Water	505	218890
380-207166-AD-1-A MS	Matrix Spike	Total/NA	Water	505	218890
380-207166-AF-1-A MS	Matrix Spike	Total/NA	Water	505	218890
380-207168-AP-1-A MS	Matrix Spike	Total/NA	Water	505	218890
380-207168-AR-1-A MS	Matrix Spike	Total/NA	Water	505	218890

Analysis Batch: 219081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	504.1	218851
380-207013-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP0	Total/NA	Water	504.1	218851
MBL 380-218851/4-A	Method Blank	Total/NA	Water	504.1	218851
LCS 380-218851/29-A	Lab Control Sample	Total/NA	Water	504.1	218851
MRL 380-218851/2-A	Lab Control Sample	Total/NA	Water	504.1	218851
MRL 380-218851/3-A	Lab Control Sample	Total/NA	Water	504.1	218851
380-207170-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	218851
380-207166-AC-1-A DU	Duplicate	Total/NA	Water	504.1	218851

Prep Batch: 722504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
MB 570-722504/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-206949-B-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-206949-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 722774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-722504/1-A	Method Blank	Total/NA	Water	8015B	722504
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	8015B	722504
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	722504
380-206949-B-1-A MS	Matrix Spike	Total/NA	Water	8015B	722504
380-206949-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	722504

Analysis Batch: 723209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	722504
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	8015B	722504

Analysis Batch: 723893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	
MB 570-723893/3	Method Blank	Total/NA	Water	8015B	

GC Semi VOA (Continued)

Analysis Batch: 723893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-723893/4	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-723893/5	Lab Control Sample Dup	Total/NA	Water	8015B	
MRL 570-723893/6	Lab Control Sample	Total/NA	Water	8015B	
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	

HPLC/IC

Analysis Batch: 218600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
MB 380-218600/38	Method Blank	Total/NA	Water	300.0	
LCS 380-218600/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-218600/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-218600/39	Lab Control Sample	Total/NA	Water	300.0	
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	

Analysis Batch: 218601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
MB 380-218601/38	Method Blank	Total/NA	Water	300.0	
LCS 380-218601/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-218601/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-218601/39	Lab Control Sample	Total/NA	Water	300.0	
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	

Analysis Batch: 218974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
MB 380-218974/6	Method Blank	Total/NA	Water	300.0	
LCS 380-218974/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-218974/8	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-218974/5	Lab Control Sample	Total/NA	Water	300.0	
380-207001-I-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-207001-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Analysis Batch: 218923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.7 Rev 4.4	
MBL 380-218923/84	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 380-218923/86	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LCSD 380-218923/87	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-218923/85	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
380-207054-D-1 MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	
380-207054-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	

Metals

Analysis Batch: 218943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.8	
MBL 380-218943/49	Method Blank	Total/NA	Water	200.8	
LCS 380-218943/51	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-218943/52	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-218943/50	Lab Control Sample	Total/NA	Water	200.8	
380-207018-U-1 MS	Matrix Spike	Total/NA	Water	200.8	
380-207018-U-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Prep Batch: 220145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total Recoverable	Drinking Water	200.8	
MBL 380-220145/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 380-220145/3-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 380-220145/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 380-220145/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
380-207916-BL-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	
380-207916-BL-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 220316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total Recoverable	Drinking Water	200.8	220145
MBL 380-220145/1-A	Method Blank	Total Recoverable	Water	200.8	220145
LCS 380-220145/3-A	Lab Control Sample	Total Recoverable	Water	200.8	220145
LCSD 380-220145/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	220145
LLCS 380-220145/2-A	Lab Control Sample	Total Recoverable	Water	200.8	220145
380-207916-BL-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	220145
380-207916-BL-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	220145

General Chemistry

Analysis Batch: 218881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2540C	
MB 380-218881/1	Method Blank	Total/NA	Water	SM 2540C	
HLCS 380-218881/4	Lab Control Sample	Total/NA	Water	SM 2540C	
LCS 380-218881/3	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-218881/2	Lab Control Sample	Total/NA	Water	SM 2540C	
380-207083-B-6 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 219219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 F C	
MB 380-219219/74	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 380-219219/76	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCSD 380-219219/77	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	
MRL 380-219219/75	Lab Control Sample	Total/NA	Water	SM 4500 F C	
380-206464-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-206464-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

General Chemistry

Analysis Batch: 219221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2320B	
MB 380-219221/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 380-219221/3	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 380-219221/18	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 380-219221/4	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 380-219221/2	Lab Control Sample	Total/NA	Water	SM 2320B	
380-206876-F-1 MS	Matrix Spike	Total/NA	Water	SM 2320B	
380-206876-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 2320B	
380-206876-F-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 219223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2510B	
MB 380-219223/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 380-219223/5	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 380-219223/14	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
MRL 380-219223/4	Lab Control Sample	Total/NA	Water	SM 2510B	
380-206876-F-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Analysis Batch: 219225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 H+ B	
MB 380-219225/5	Method Blank	Total/NA	Water	SM 4500 H+ B	
LCS 380-219225/6	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 380-219225/18	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
380-206876-F-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 219498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 S2 D	
MB 380-219498/3	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 380-219498/5	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
LCSD 380-219498/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 D	
MRL 380-219498/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
380-207013-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 S2 D	
380-207013-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 S2 D	

Lab Chronicle

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-1

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	219135	UKCP	EA POM	04/09/26 16:11
Total/NA	Analysis	524.2		1	221717	HM3T	EA POM	04/21/26 17:40
Total/NA	Analysis	524.2		1	221717	HM3T	EA POM	04/21/26 18:02
Total/NA	Analysis	524.2		1	218778	N4CJ	EA POM	04/09/26 16:11
Total/NA	Prep	525.2			219571	IQ42	EA POM	04/13/26 15:53
Total/NA	Analysis	525.2		1	220114	UPAC	EA POM	04/15/26 10:21
Total/NA	Prep	625.1			722458	H1SH	EET CAL 4	04/10/26 09:15
Total/NA	Analysis	625.1		1	725200	PQS1	EET CAL 4	04/16/26 12:57
Total/NA	Prep	625.1			722458	H1SH	EET CAL 4	04/10/26 09:15
Total/NA	Analysis	625.1 SIM		1	724634	PQS1	EET CAL 4	04/15/26 11:56
Total/NA	Analysis	8015B GRO LL		1	726079	A9VE	EET CAL 4	04/17/26 22:24
Total/NA	Prep	504.1			218851	X5FS	EA POM	04/09/26 15:42 - 04/09/26 16:40 [1]
Total/NA	Analysis	504.1		1	219081	X5FS	EA POM	04/10/26 11:47
Total/NA	Prep	505			218890	DR5R	EA POM	04/09/26 15:34 - 04/09/26 16:32 [1]
Total/NA	Analysis	505		1	219078	DR5R	EA POM	04/10/26 00:48
Total/NA	Prep	3510C			722504	EP2G	EET CAL 4	04/10/26 09:57
Total/NA	Analysis	8015B		1	723209	UJ3K	EET CAL 4	04/12/26 16:21
Total/NA	Analysis	8015B		1	723893	UJ3K	EET CAL 4	04/14/26 14:03
Total/NA	Analysis	300.0		5	218600	BG6L	EA POM	04/08/26 18:03
Total/NA	Analysis	300.0		5	218601	BG6L	EA POM	04/08/26 18:03
Total/NA	Analysis	300.0		1	218974	UNJR	EA POM	04/10/26 10:26
Total/NA	Analysis	200.7 Rev 4.4		1	218923	MF7S	EA POM	04/09/26 14:48
Total Recoverable	Prep	200.8			220145	Z45W	EA POM	04/15/26 10:17
Total Recoverable	Analysis	200.8		1	220316	T8BB	EA POM	04/15/26 19:15
Total/NA	Analysis	200.8		1	218943	T8BB	EA POM	04/09/26 14:59
Total/NA	Analysis	SM 2320B		1	219221	PK4Q	EA POM	04/09/26 22:57
Total/NA	Analysis	SM 2510B		1	219223	PK4Q	EA POM	04/09/26 22:57
Total/NA	Analysis	SM 2540C		1	218881	UJRF	EA POM	04/09/26 13:50
Total/NA	Analysis	SM 4500 F C		1	219219	PK4Q	EA POM	04/09/26 23:21
Total/NA	Analysis	SM 4500 H+ B		1	219225	PK4Q	EA POM	04/09/26 22:57
Total/NA	Analysis	SM 4500 S2 D		1	219498	ZJ2C	EA POM	04/13/26 15:33

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-2

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	218778	N4CJ	EA POM	04/09/26 16:34
Total/NA	Analysis	8015B GRO LL		1	726079	A9VE	EET CAL 4	04/17/26 23:11

Lab Chronicle

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-207013-2

Date Collected: 04/07/26 09:57
Date Received: 04/08/26 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	504.1			218851	X5FS	EA POM	04/09/26 15:42 - 04/09/26 16:40 [1]
Total/NA	Analysis	504.1		1	219081	X5FS	EA POM	04/10/26 13:12

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Laboratory: Eurofins Pomona

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Hawaii	State	CA00006	01-31-26 *

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
505	505	Drinking Water	Polychlorinated biphenyls, Total
524.2		Drinking Water	1,3-Dichloropropene, Total
524.2		Drinking Water	2-Butanone (MEK)
524.2		Drinking Water	Acetone
524.2		Drinking Water	Bromodichloromethane
524.2		Drinking Water	Bromoethane
524.2		Drinking Water	Bromoform
524.2		Drinking Water	Chlorodibromomethane
524.2		Drinking Water	Chloroform (Trichloromethane)
524 2		Drinking Water	m,p Xylenes
524.2		Drinking Water	o-Xylene
524.2		Water	1,3-Dichloropropene, Total
524.2		Water	2-Butanone (MEK)
524.2		Water	Acetone
524.2		Water	Bromodichloromethane
524.2		Water	Bromoethane
524.2		Water	Bromoform
524.2		Water	Chlorodibromomethane
524.2		Water	Chloroform (Trichloromethane)
524.2		Water	m,p-Xylenes
524.2		Water	o-Xylene
525.2	525.2	Drinking Water	1-Methylnaphthalene
525.2	525.2	Drinking Water	2,4'-DDD
525.2	525.2	Drinking Water	2,4'-DDE
525.2	525.2	Drinking Water	2,4'-DDT
525.2	525.2	Drinking Water	2,4-Dinitrotoluene
525.2	525.2	Drinking Water	2,6-Dinitrotoluene
525.2	525.2	Drinking Water	2-Methylnaphthalene
525.2	525.2	Drinking Water	4,4'-DDD
525.2	525.2	Drinking Water	4,4'-DDE
525.2	525.2	Drinking Water	4,4'-DDT
525.2	525.2	Drinking Water	Acetochlor
525.2	525.2	Drinking Water	alpha-BHC
525.2	525.2	Drinking Water	alpha-Chlordane
525 2	525 2	Drinking Water	beta BHC
525.2	525.2	Drinking Water	Chlorobenzilate
525.2	525.2	Drinking Water	Chloroneb
525.2	525.2	Drinking Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Drinking Water	Chlorpyrifos
525.2	525.2	Drinking Water	delta-BHC
525.2	525.2	Drinking Water	Diclorvos (DDVP)
525.2	525.2	Drinking Water	Endosulfan I (Alpha)
525.2	525.2	Drinking Water	Endosulfan II (Beta)
525.2	525.2	Drinking Water	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Laboratory: Eurofins Pomona (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
525.2	525.2	Drinking Water	EPTC
525.2	525.2	Drinking Water	gamma-Chlordane
525.2	525.2	Drinking Water	Isophorone
525.2	525.2	Drinking Water	Malathion
525.2	525.2	Drinking Water	Parathion
525.2	525.2	Drinking Water	Pendimethalin (Penoxaline)
525.2	525.2	Drinking Water	Terbacil
525.2	525.2	Drinking Water	Terbuthylazine
525.2	525.2	Drinking Water	Total Permethrin (mixed isomers)
525.2	525.2	Drinking Water	trans-Nonachlor
SM 2320B		Drinking Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Drinking Water	Carbonate Alkalinity as CaCO3
SM 4500 S2 D		Drinking Water	Sulfide

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	04-27-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethanes	EPA-DW	EA POM
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA POM
525.2	Semivolatile Organic Compounds (GC/MS)	EPA	EA POM
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET CAL 4
625.1 SIM	Semivolatile Organic Compounds GC/MS (SIM)	EPA	EET CAL 4
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	EET CAL 4
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW2	EA POM
505	Organochlorine Pesticides/PCBs (GC)	EPA	EA POM
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	EET CAL 4
300.0	Anions, Ion Chromatography	EPA	EA POM
200.7 Rev 4.4	Metals (ICP)	EPA	EA POM
200.8	Mercury (ICP/MS)	EPA	EA POM
200.8	Metals (ICP/MS)	EPA	EA POM
SM 2320B	Alkalinity	SM	EA POM
SM 2510B	Conductivity, Specific Conductance	SM	EA POM
SM 2540C	Solids, Total Dissolved (TDS)	SM	EA POM
SM 4500 F C	Fluoride	SM	EA POM
SM 4500 H+ B	pH	SM	EA POM
SM 4500 S2 D	Sulfide, Total	SM	EA POM
200.8	Preparation, Total Recoverable Metals	EPA	EA POM
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
504.1	Microextraction	EPA-DW	EA POM
505	Extraction, Organohalide Pesticides	EPA	EA POM
525.2	Extraction of Semivolatile Compounds	EPA	EA POM
625.1	Liquid-Liquid Extraction	40CFR136A	EET CAL 4
None	Autocomplete Prep - Metals - No Digestion required	None	EA POM

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.
EPA = US Environmental Protection Agency
EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.
EPA-DW2 = "Methods For The Determination of Organic Compounds in Drinking Water - Supplement III ",, EPA/600/R-95-131, August 1995
None = None
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-207013-1
SDG: Quarterly: Aiea Gulch Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-207013-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	04/07/26 09:57	04/08/26 10:00	HI0000331
380-207013-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Water	04/07/26 09:57	04/08/26 10:00	

Monrovia, CA (Suite 100)
750 Royal Oaks Drive Suite 100
Monrovia CA 91016
Phone (626) 386-1100

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 808-748-5840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: City & County of Honolulu	PWSID:	Analysis Requested		Job #:
Address: 630 South Beretania Street; Chemistry Lab	Due Date Requested:			
City: Honolulu	TAT Requested (days):			
State, Zip: HI 96843	Compliance Project: Δ No			
Phone: 808-748-5040 (tel)	PO #: C20525101 exp 05312023			
Email: kiwamoto@hbws.org	WO #:			
Project Name: RED-HILL	Project #: 38001111			
Site:	SSOW#:			

Preservation Codes:
A HCL; B NaOH; C Zn Acetate; D Nitric Acid; E NaHSO4; F - MeOH; G Amchlor; H Ascorbic Acid; I - Ice; J DI Water; K EDTA; L EDA
M - Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4-5; Y Trizma; Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	504 1_PREC, 505_LL_PREC	2320B, 2510B, SM4500_H+	200 7, 200.8	2540C_Calcd - Total dissolved Solids (TDS)	SM4500_S2_D Sulfide, Total	5 24 2_Pres_PREC, 524.2_SIM_PREC	525 2_PREC 525plus PLUS TICs	300_OF_28D_B, 300_OF_28D_PREC, 300_OF_48H_PREC, 4500_F_C	245.1 Local Method	8015B_GRO_LL (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	8015B_DAI Ethanol	625.1, 625.1_SIM	Total Number of containers	Special Instructions/Note
			Preservation Code:		X	X	R	N	D	N	CB	HA	N	N	D	RA	Q	N	R	X	
Aiea Gulch Wells Pump 1 (331-201-TP071)	7-Apr-2026	0957	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		
																					380-207013 COC
TB- Aiea Gulch Wells Pump 1 (331-201-TP071)	7-Apr-2026	0957										2				2					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FedX 8704 1691 9961	
[redacted]	Date/Time: 04/07/2026 1400	Company: HBWS	Received by: Mark Urrutia	Date/Time: 4/8/26 1000	Company: EEAI
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: (63)(IR) 3.9+0.2=4.1 gel-frozen

Ver: 01/16/2019

Monrovia, CA (Suite 100)
750 Royal Oaks Drive Suite 100
Monrovia CA 91016
Phone (626) 386-1100

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:			Job #:
Address: 630 South Beretania Street; Chemistry Lab	Due Date Requested:			
City: Honolulu	TAT Requested (days):			
State, Zip: HI 96843	Compliance Project: Δ No			
Phone: 808-748-5040 (tel)	PO #: C20525101 exp 05312023			
Email: kiwamoto@hbws.org	WO #:			
Project Name: RED-HILL	Project #: 38001111			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	504 1_PREC Local Method	Total Number of containers	Special Instructions/Note.
			Preservation Code:				R		
Aiea Gulch Wells Pump 1 (331-201-TP071)				Water					
TB. Aiea Gulch Wells Pump 1 (331-201-TP071)	7-Apr-2026	0957					2		

Preservation Codes
A HCL
B NaOH
C Zn Acetate
D Nitric Acid
E NaHSO4
F MeOH
G - Amchlor
H Ascorbic Acid
I Ice
J DI Water
K EDTA
L EDA
M - Hexane
N - None
O AsNaO2
P - Na2O4S
Q - Na2SO3
R Na2S2O3
S H2SO4
T TSP Dodecahydrate
U - Acetone
V MCAA
W - pH 4-5
Y Trizma
Z other (specify)
Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: Fed X. 8704 1691 9961

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Bailey	08apr2026 1400	HBWS	Mark Maratia	4/8/26 1000	ETHP

Custody Seals Intact: Δ Yes Δ No | Custody Seal No | Cooler Temperature(s) °C and Other Remarks: (63(A)) 3.9+0.2=4.1 go1-FD201

Ver: 01/16/2019

Eurofins Pomona
941 Corporate Center Drive
Pomona, CA 91768-2642
Phone: 626-386-1100

Chain of Custody Record

eurofins | Environ

Loc: 380
207013

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-321793.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest L		Accreditations Required (See note): State - Hawaii		Job #: 380-207013-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/21/2026			
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAIEthanol	8015B_DRO_LL_CS/3510C_LL HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-207013-1)	4/7/26	09:57 Hawaiian	G	Water			X	X	X	X	X	10	MRLs are needed., MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-207013	4/7/26	09:57 Hawaiian	G	Water					X			2	MRLs are needed. Confirm any hits >RL.

Other: N/A

380-207013 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4/9/26 1150	GBR	[signature]	4/9/26 11:50	EL
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0/2.1 IR4

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-207013-1
SDG Number: Quarterly: Aiea Gulch Wells Pump 1

Login Number: 207013
List Number: 1
Creator: Segura, Ryan

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
ClO4 headspace requirement met (>50% for CA, >30% for other states).	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-207013-1
SDG Number: Quarterly: Aiea Gulch Wells Pump 1

Login Number: 207013
List Number: 2
Creator: Ablian, Samantha

List Source: Eurofins Calscience
List Creation: 04/09/26 01:48 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0/2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	