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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Erwin Kawata
City & County of Honolulu
630 South Beretania Street
Public Service Bldg. Room 310
Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Quarterly
RUSH Weekly Red Hill

JOB NUMBER

380-143838-1

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Eurofins Eaton Analytical Pomona

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 Eaton Analytical, 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
Maria Lopez, Project Manager
Maria.Lopez@et.eurofinsus.com
(626)386-1100

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
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.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
B	Analyte was found in the associated method blank.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD 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
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

HPLC/IC

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
E	Result exceeded calibration range.
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.

Metals

Qualifier	Qualifier Description
B	Analyte was found in the associated method blank.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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"
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
380-143838-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/4/2025 10:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.5°C and 4.8°C.

GC/MS VOA
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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-555182. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Method 625 SIM

Method 625.1_SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-553677 and analytical batch 570-556409 recovered outside control limits for the following analyte(s): Benzidine. Benzidine has 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 following analyte(s) recovered outside control limits for the LCSD associated with preparation batch 570-553677 and analytical batch 570-556409: Fluoranthene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 625.1_SIM: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-553677 and analytical batch 570-557358 exceeded control limits for the following analyte(s): Benzidine, Note that this analyte is a known poor performer when analyzed using this method.

Method 625.1_SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-553677 and analytical batch 570-557358 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 625.1_SIM: The method blank for preparation batch 570-555182 contained Aniline above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 625.1_SIM: The following analyte(s) recovered outside control limits for the LCSD associated with preparation batch 570-553677 and analytical batch 570-556409: Fluoranthene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 625.1_SIM: The continuing calibration verification (CCV) associated with batch 570-558586 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-143838-1) and (CCVIS 570-558586/2).

Method 625.1_SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation

batch 570-555182 and analytical batch 570-558249 recovered outside control limits for the following analyte(s): 3-Nitroaniline, 4-Chloroaniline, 4-Nitroaniline, Aniline and Benzidine. 3-Nitroaniline, 4-Chloroaniline, 4-Nitroaniline, 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 570-555182 and analytical batch 570-558249 recovered outside control limits for the following analytes: 3-Nitroaniline, 4-Chloroaniline, 4-Nitroaniline, Benzidine and N-Nitrosodiphenylamine.

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
Method 8015B_DRO_LL_CS: The method reporting limit check (MRL) for preparation batch 570-554296 and analytical batch 570-557672 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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
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_OF_28D_PREC: The continuing calibration blank (CCB) for analytical batch 380-145652 contained Chloride above the reporting limit (RL). 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.

Method 300_OF_28D_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 380-145652 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 300_OF_28D_PREC: Due to the high concentration of Chloride, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 380-145652 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.
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Method 300_OF_48H_PREC: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-143838-1) and AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-143838-2). The client was notified and a resample was scheduled. (XWB4)

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

Metals
Method 200.7: The method blank for analytical batch 380-145860 contained Magnesium above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

General Chemistry
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: 380-143838-1
SDG: Quarterly

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

Lab Sample ID: 380-143838-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Bromide	130		5.0		ug/L	1		300.0	Total/NA
Chloride	95	F1 ^2	1.0		mg/L	2		300.0	Total/NA
Sulfate	13		0.25		mg/L	1		300.0	Total/NA
Calcium	21		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	17	B	0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	2.3		0.10		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	2.7		0.90		ug/L	1		200.8	Total/NA
Copper	3.3		1.0		ug/L	1		200.8	Total/NA
Selenium	2.4		2.0		ug/L	1		200.8	Total/NA
Zinc	12		5.0		ug/L	1		200.8	Total/NA
Alkalinity	55		4.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	55		4.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	430		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	300		20		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF			SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Bromide	120		5.0		ug/L	1		300.0	Total/NA
Chloride	87	^2	1.0		mg/L	2		300.0	Total/NA
Sulfate	12		0.25		mg/L	1		300.0	Total/NA
Calcium	19		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	16	B	0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	2.1		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	30		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	2.5		0.90		ug/L	1		200.8	Total/NA
Copper	2.1		1.0		ug/L	1		200.8	Total/NA
Alkalinity	56		4.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	56		4.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	400		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	270		20		mg/L	1		SM 2540C	Total/NA
pH	7.9	HF			SU	1		SM 4500 H+ B	Total/NA

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

Lab Sample ID: 380-143838-3

No Detections.

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-4

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: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

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			04/05/25 08:21	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/06/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*70 - 130*		*04/06/25 01:02*	*1*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*04/06/25 01:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/06/25 01:02*	*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			04/05/25 08:21	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:21	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/25 08:21	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:21	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/25 08:21	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/25 08:21	1
Acetone	<500		500		ug/L			04/05/25 08:21	1
Benzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromobenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromoethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromoform	<0.50		0.50		ug/L			04/05/25 08:21	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/25 08:21	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/25 08:21	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/25 08:21	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Chloroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/25 08:21	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/25 08:21	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 08:21	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:21	1

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

Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

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
Dibromomethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Dichloromethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/25 08:21	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Hexachlorobutadiene	<0.50	^3+	0.50		ug/L			04/05/25 08:21	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/25 08:21	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/25 08:21	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/25 08:21	1
Naphthalene	<0.50		0.50		ug/L			04/05/25 08:21	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 08:21	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/25 08:21	1
o-Xylene	<0.50		0.50		ug/L			04/05/25 08:21	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 08:21	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/25 08:21	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/25 08:21	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Styrene	<0.50		0.50		ug/L			04/05/25 08:21	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/25 08:21	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/25 08:21	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:21	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/25 08:21	1
Toluene	<0.50		0.50		ug/L			04/05/25 08:21	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 08:21	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:21	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/25 08:21	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/25 08:21	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/25 08:21	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/25 08:21	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/25 08:21	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/05/25 08:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*04/05/25 08:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/05/25 08:21*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/05/25 08:21*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
2,4'-DDD	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
2,4'-DDE	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
2,4'-DDT	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1

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

Job ID: 380-143838-1
SDG: Quarterly

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Lab Sample ID: 380-143838-1
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
2,6-Dinitrotoluene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
2-Methylnaphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
4,4'-DDD	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
4,4'-DDE	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
4,4' DDT	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Acenaphthene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Acenaphthylene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Acetochlor	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Alachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
alpha-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
alpha-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Anthracene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:33	1
Atrazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Benzo[a]pyrene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:33	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:33	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:33	1
beta-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		04/07/25 08:00	04/08/25 14:33	1
Bromacil	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Butachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:33	1
Chlorobenzilate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Chloroneb	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Chlorpyrifos	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Chrysene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:33	1
delta-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		04/07/25 08:00	04/08/25 14:33	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Dieldrin	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Diethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:33	1
Dimethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:33	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		04/07/25 08:00	04/08/25 14:33	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Endosulfan sulfate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Endrin	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Endrin aldehyde	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
EPTC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Fluoranthene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Fluorene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
gamma-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Heptachlor	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:33	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

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
Hexachlorobenzene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Isophorone	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Lindane	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Malathion	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Methoxychlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Metolachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Molinate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Naphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Parathion	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Phenanthrene	<0.039		0.039		ug/L		04/07/25 08:00	04/08/25 14:33	1
Propachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Simazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Terbacil	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Terbuthylazine	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Thiobencarb	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		04/07/25 08:00	04/08/25 14:33	1
trans-Nonachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:33	1
Trifluralin	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/07/25 08:00*	*04/08/25 14:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:33*	*1*
Perylene-d12	*90*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:33*	*1*
Triphenylphosphate	*103*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:33*	*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		04/04/25 09:08	04/16/25 08:29	1
2,4,5-Trichlorophenol	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
2,4,6-Trichlorophenol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
2,4-Dichlorophenol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
2,4-Dinitrophenol	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
2,6-Dichlorophenol	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Chloronaphthalene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Chlorophenol	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Methylphenol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Nitroaniline	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
2-Nitrophenol	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
3/4-Methylphenol	<1.9		1.9		ug/L		04/04/25 09:08	04/16/25 08:29	1
3-Nitroaniline	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
4,6-Dinitro-2-methylphenol	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
4-Bromophenyl phenyl ether	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Matrix: Drinking Water

Date Received: 04/04/25 10:36
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		04/04/25 09:08	04/16/25 08:29	1
4-Chloroaniline	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
4-Chlorophenyl phenyl ether	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
4-Nitroaniline	<4.8		4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
4-Nitrophenol	4 8		4 8		ug/L		04/04/25 09 08	04/16/25 08 29	1
Acenaphthene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Acenaphthylene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Aniline	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Anthracene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzidine	<4.8	*-	4.8		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzoic acid	<9.7		9.7		ug/L		04/04/25 09:08	04/16/25 08:29	1
Benzyl alcohol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
Bis(2-chloroethoxy)methane	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Bis(2-chloroethyl)ether	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
bis (2-Chloroisopropyl) ether	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Chrysene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Dibenzofuran	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Fluoranthene	<0.19	*+	0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Fluorene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Hexachloroethane	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Naphthalene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Nitrobenzene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
N-Nitrosodi-n-propylamine	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
N-Nitrosodiphenylamine	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Pentachlorophenol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
Phenanthrene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1
Phenol	<0.97		0.97		ug/L		04/04/25 09:08	04/16/25 08:29	1
Pyrene	<0.19		0.19		ug/L		04/04/25 09:08	04/16/25 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*116*		*28 - 127*	*04/04/25 09:08*	*04/16/25 08:29*	*1*
2-Fluorobiphenyl (Surr)	*92*		*31 - 120*	*04/04/25 09:08*	*04/16/25 08:29*	*1*
2-Fluorophenol (Surr)	*54*		*17 - 120*	*04/04/25 09:08*	*04/16/25 08:29*	*1*
Nitrobenzene-d5 (Surr)	*98*		*27 - 120*	*04/04/25 09:08*	*04/16/25 08:29*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*04/04/25 09:08*	*04/16/25 08:29*	*1*
p-Terphenyl-d14 (Surr)	*91*		*45 - 120*	*04/04/25 09:08*	*04/16/25 08:29*	*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*
Unknown	*5.0*	*T J*	*ug/L*		*2.14*	*N/A*	*04/04/25 09:08*	*04/16/25 16:25*	*1*
2-Butenal, 3-methyl-	*9.4*	*T J N*	*ug/L*		*2.78*	*107-86-8*	*04/04/25 09:08*	*04/16/25 16:25*	*1*

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Lab Sample ID: 380-143838-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.5	T J	ug/L		2.88	N/A	04/04/25 09:08	04/16/25 16:25	1
2-Pentene, 2,4,4-trimethyl-	6.5	T J N	ug/L		3.01	107-40-4	04/04/25 09:08	04/16/25 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		33 - 139	04/04/25 09:08	04/16/25 16:25	1
2-Fluorobiphenyl (Surr)	79		33 - 126	04/04/25 09:08	04/16/25 16:25	1
2-Fluorophenol (Surr)	56		12 - 120	04/04/25 09:08	04/16/25 16:25	1
Nitrobenzene-d5 (Surr)	87		36 - 120	04/04/25 09:08	04/16/25 16:25	1
Phenol-d6 (Surr)	25		10 - 120	04/04/25 09:08	04/16/25 16:25	1
p-Terphenyl-d14 (Surr)	78		47 - 131	04/04/25 09:08	04/16/25 16:25	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			04/15/25 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		38 - 134		04/15/25 18:31	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		04/09/25 11:50	04/09/25 16:58	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 16:58	1
1,2-Dibromoethane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	108		60 - 140	04/09/25 11:50	04/09/25 16:58	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		04/04/25 15:40	04/05/25 09:22	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1016	<0.070		0.070		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1221	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1232	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1242	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1248	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1254	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1
PCB-1260	<0.070		0.070		ug/L		04/04/25 15:40	04/05/25 09:22	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		70 - 130	04/04/25 15:40	04/05/25 09:22	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		04/06/25 17:06	04/14/25 20:33	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		04/06/25 17:06	04/14/25 20:33	1
C8-C18	<26		26		ug/L		04/06/25 17:06	04/14/25 20:33	1

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

Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Matrix: Drinking Water
PWSID Number: HI0000331

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 130*	*04/06/25 17:06*	*04/14/25 20:33*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10		0.10	mg/L			04/12/25 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*81*		*54 - 120*		*04/12/25 18:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**130**		5.0	ug/L			04/09/25 05:57	1
Chloride	**95**	**F1 ^2**	1.0	mg/L			04/05/25 13:09	2
Sulfate	**13**		0.25	mg/L			04/04/25 22:17	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**21**		0.10	mg/L			04/07/25 13:45	1
Magnesium	**17**	**B**	0.10	mg/L			04/07/25 13:45	1
Potassium	**2.3**		0.10	mg/L			04/07/25 13:45	1
Sodium	**32**		0.10	mg/L			04/07/25 13:45	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		04/07/25 10:20	04/08/25 14:46	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			04/07/25 14:55	1
Arsenic	<1.0		1.0	ug/L			04/07/25 14:55	1
Beryllium	<0.30		0.30	ug/L			04/08/25 12:58	1
Cadmium	<0.50		0.50	ug/L			04/07/25 14:55	1
Chromium	**2.7**		0.90	ug/L			04/07/25 14:55	1
Copper	**3.3**		1.0	ug/L			04/07/25 14:55	1
Lead	<0.50		0.50	ug/L			04/07/25 14:55	1
Nickel	<1.0		1.0	ug/L			04/07/25 14:55	1
Selenium	**2.4**		2.0	ug/L			04/07/25 14:55	1
Silver	<0.50		0.50	ug/L			04/07/25 14:55	1
Thallium	<0.30		0.30	ug/L			04/07/25 14:55	1
Zinc	**12**		5.0	ug/L			04/07/25 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**55**		4.0	mg/L			04/04/25 19:43	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**55**		4.0	mg/L			04/04/25 19:43	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.0		4.0	mg/L			04/04/25 19:43	1
Specific Conductance (SM 2510B)	**430**		2.0	umhos/cm			04/04/25 19:43	1
Total Dissolved Solids (SM 2540C)	**300**		20	mg/L			04/04/25 16:23	1
Fluoride (SM 4500 F C)	<0.050		0.050	mg/L			04/04/25 23:46	1

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

Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Matrix: Drinking Water
PWSID Number: HI0000331

General Chemistry (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	**8.0**	**HF**			SU			04/04/25 19:43	1
Sulfide (SM 4500 S2 D)	<0.050		0.050		mg/L			04/07/25 17:38	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

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			04/05/25 08:44	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/06/25 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/06/25 01:24*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*04/06/25 01:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/06/25 01:24*	*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			04/05/25 08:44	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:44	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/25 08:44	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 08:44	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/25 08:44	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/25 08:44	1
Acetone	<500		500		ug/L			04/05/25 08:44	1
Benzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Bromobenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Bromoethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Bromoform	<0.50		0.50		ug/L			04/05/25 08:44	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)
Lab Sample ID: 380-143838-2
Date Collected: 04/02/25 10:24
Matrix: Drinking Water
Date Received: 04/04/25 10:36
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/25 08:44	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/25 08:44	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/25 08:44	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Chloroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/25 08:44	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/25 08:44	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 08:44	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:44	1
Dibromomethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Dichloromethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/25 08:44	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Hexachlorobutadiene	<0.50	^3+	0.50		ug/L			04/05/25 08:44	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/25 08:44	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/25 08:44	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/25 08:44	1
Naphthalene	<0.50		0.50		ug/L			04/05/25 08:44	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 08:44	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/25 08:44	1
o-Xylene	<0.50		0.50		ug/L			04/05/25 08:44	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 08:44	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/25 08:44	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/25 08:44	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Styrene	<0.50		0.50		ug/L			04/05/25 08:44	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/25 08:44	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/25 08:44	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/25 08:44	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/25 08:44	1
Toluene	<0.50		0.50		ug/L			04/05/25 08:44	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 08:44	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 08:44	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/25 08:44	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/25 08:44	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/25 08:44	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/25 08:44	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/25 08:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.57*	*T J*	*ug/L*		*9.90*	*N/A*		*04/05/25 08:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*04/05/25 08:44*	*1*

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Drinking Water
PWSID Number: HI0000331

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*04/05/25 08:44*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/05/25 08:44*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2,4'-DDD	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2,4'-DDE	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2,4'-DDT	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2,6 Dinitrotoluene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
4,4'-DDD	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
4,4'-DDE	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
4,4'-DDT	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Acenaphthene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Acenaphthylene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Acetochlor	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Alachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
alpha-BHC	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
alpha-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Anthracene	<0.020		0.020		ug/L		04/07/25 08:00	04/08/25 17:15	1
Atrazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/07/25 08:00	04/08/25 17:15	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/07/25 08:00	04/08/25 17:15	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/07/25 08:00	04/08/25 17:15	1
beta-BHC	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/07/25 08:00	04/08/25 17:15	1
Bromacil	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Butachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 17:15	1
Chlorobenzilate	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Chloroneb	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Chlorpyrifos	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Chrysene	<0.020		0.020		ug/L		04/07/25 08:00	04/08/25 17:15	1
delta-BHC	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/07/25 08:00	04/08/25 17:15	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Dieldrin	<0.0098		0.0098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Diethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 17:15	1
Dimethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 17:15	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/07/25 08:00	04/08/25 17:15	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)
Lab Sample ID: 380-143838-2
Date Collected: 04/02/25 10:24
Matrix: Drinking Water
Date Received: 04/04/25 10:36
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Endrin	<0.0098		0.0098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Endrin aldehyde	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
EPTC	0 098		0 098		ug/L		04/07/25 08 00	04/08/25 17 15	1
Fluoranthene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Fluorene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
gamma-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Heptachlor	<0.0098		0.0098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Isophorone	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Lindane	<0.0098		0.0098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Malathion	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Methoxychlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Metolachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Molinate	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Naphthalene	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Parathion	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Phenanthrene	<0.039		0.039		ug/L		04/07/25 08:00	04/08/25 17:15	1
Propachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Simazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Terbacil	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Terbuthylazine	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Thiobencarb	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/07/25 08:00	04/08/25 17:15	1
trans-Nonachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 17:15	1
Trifluralin	<0.098		0.098		ug/L		04/07/25 08:00	04/08/25 17:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/07/25 08:00*	*04/08/25 17:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*04/07/25 08:00*	*04/08/25 17:15*	*1*
Perylene-d12	*91*		*70 - 130*	*04/07/25 08:00*	*04/08/25 17:15*	*1*
Triphenylphosphate	*106*		*70 - 130*	*04/07/25 08:00*	*04/08/25 17:15*	*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		04/08/25 13:10	04/14/25 17:48	1
2,4,5-Trichlorophenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
2,4,6-Trichlorophenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
2,4-Dichlorophenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
2,4-Dinitrophenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
2,6-Dichlorophenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Drinking Water
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
2-Chloronaphthalene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
2-Chlorophenol	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
2-Methylphenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
2 Nitroaniline	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
2-Nitrophenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
3/4-Methylphenol	<1.9		1.9		ug/L		04/08/25 13:10	04/14/25 17:48	1
3-Nitroaniline	<4.8	*- *1	4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
4,6-Dinitro-2-methylphenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Bromophenyl phenyl ether	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Chloro-3-methylphenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Chloroaniline	<4.8	*- *1	4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Chlorophenyl phenyl ether	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Nitroaniline	<4.8	*- *1	4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
4-Nitrophenol	<4.8		4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
Acenaphthene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Acenaphthylene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Aniline	<0.19	B *-	0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Anthracene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzidine	<4.8	*- *1	4.8		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzoic acid	<9.6		9.6		ug/L		04/08/25 13:10	04/14/25 17:48	1
Benzyl alcohol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
Bis(2-chloroethoxy)methane	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Bis(2-chloroethyl)ether	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
bis (2-Chloroisopropyl) ether	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Chrysene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Dibenzofuran	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Fluoranthene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Fluorene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Hexachloroethane	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Naphthalene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Nitrobenzene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
N-Nitrosodi-n-propylamine	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
N-Nitrosodiphenylamine	<0.19	*1	0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Pentachlorophenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
Phenanthrene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1
Phenol	<0.96		0.96		ug/L		04/08/25 13:10	04/14/25 17:48	1
Pyrene	<0.19		0.19		ug/L		04/08/25 13:10	04/14/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*28 - 127*	*04/08/25 13:10*	*04/14/25 17:48*	*1*

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Lab Sample ID: 380-143838-2

Matrix: Drinking Water
PWSID Number: HI0000331

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*95*		*31 - 120*	*04/08/25 13:10*	*04/14/25 17:48*	*1*
2-Fluorophenol (Surr)	*44*		*17 - 120*	*04/08/25 13:10*	*04/14/25 17:48*	*1*
Nitrobenzene-d5 (Surr)	*91*		*27 - 120*	*04/08/25 13:10*	*04/14/25 17:48*	*1*
Phenol-d6 (Surr)	*25*		*10 - 120*	*04/08/25 13:10*	*04/14/25 17:48*	*1*
p-Terphenyl-d14 (Surr)	*97*		*45 - 120*	*04/08/25 13:10*	*04/14/25 17:48*	*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*
Unknown	*6.8*	*T J*	*ug/L*		*2.14*	*N/A*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
2-Pentenal, (E)-	*12*	*T J N*	*ug/L*		*2.78*	*1576-87-0*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
Unknown	*6.0*	*T J*	*ug/L*		*2.88*	*N/A*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
1-(1-Methyl-cyclohexyl)-ethanone	*6.1*	*T J N*	*ug/L*		*3.01*	*1000193-88-2*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
Cyclopentasiloxane, decamethyl-	*4.0*	*T J N*	*ug/L*		*4.46*	*541-02-6*	*04/04/25 20:19*	*04/16/25 16:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*97*		*33 - 139*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
2-Fluorobiphenyl (Surr)	*89*		*33 - 126*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
2-Fluorophenol (Surr)	*52*		*12 - 120*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
Nitrobenzene-d5 (Surr)	*96*		*36 - 120*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*04/04/25 20:19*	*04/16/25 16:48*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 131*	*04/04/25 20:19*	*04/16/25 16:48*	*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			04/15/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*		*04/15/25 18:56*	*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		04/09/25 11:50	04/09/25 17:20	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010	ug/L		04/09/25 11:50	04/09/25 17:20	1
1,2-Dibromoethane	<0.010		0.010	ug/L		04/09/25 11:50	04/09/25 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*104*		*60 - 140*	*04/09/25 11:50*	*04/09/25 17:20*	*1*

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

Analyte	**Result**	**Qualifier**	**RL**	**Unit**	**D**	**Prepared**	**Analyzed**	**Dil Fac**
Toxaphene	<0.51		0.51	ug/L		04/04/25 15:40	04/05/25 09:44	1
Chlordane (n.o.s.)	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1016	<0.071		0.071	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1221	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1232	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1242	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1248	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1
PCB-1254	<0.10		0.10	ug/L		04/04/25 15:40	04/05/25 09:44	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Lab Sample ID: 380-143838-2

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
PCB-1260	<0.071		0.071		ug/L		04/04/25 15:40	04/05/25 09:44	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*96*		*70 - 130*	*04/04/25 15:40*	*04/05/25 09:44*	*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)	<27		27		ug/L		04/06/25 17:06	04/14/25 20:55	1
Motor Oil Range Organics [C24-C36]	<27		27		ug/L		04/06/25 17:06	04/14/25 20:55	1
C8-C18	<27		27		ug/L		04/06/25 17:06	04/14/25 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 130*	*04/06/25 17:06*	*04/14/25 20:55*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10		0.10		mg/L			04/12/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*88*		*54 - 120*		*04/12/25 18:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**120**		5.0		ug/L			04/09/25 08:35	1
Chloride	**87**	**^2**	1.0		mg/L			04/05/25 13:47	2
Sulfate	**12**		0.25		mg/L			04/04/25 22:43	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**19**		0.10		mg/L			04/07/25 13:47	1
Magnesium	**16**	**B**	0.10		mg/L			04/07/25 13:47	1
Potassium	**2.1**		0.10		mg/L			04/07/25 13:47	1
Sodium	**30**		0.10		mg/L			04/07/25 13:47	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		04/07/25 10:20	04/08/25 14:49	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			04/07/25 14:57	1
Arsenic	<1.0		1.0		ug/L			04/07/25 14:57	1
Beryllium	<0.30		0.30		ug/L			04/08/25 13:08	1
Cadmium	<0.50		0.50		ug/L			04/07/25 14:57	1
Chromium	**2.5**		0.90		ug/L			04/07/25 14:57	1
Copper	**2.1**		1.0		ug/L			04/07/25 14:57	1
Lead	<0.50		0.50		ug/L			04/07/25 14:57	1
Nickel	<1.0		1.0		ug/L			04/07/25 14:57	1
Selenium	<2.0		2.0		ug/L			04/07/25 14:57	1

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.50		0.50		ug/L			04/07/25 14:57	1
Thallium	<0.30		0.30		ug/L			04/07/25 14:57	1
Zinc	<5.0		5.0		ug/L			04/07/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**56**		4.0		mg/L			04/04/25 19:35	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**56**		4.0		mg/L			04/04/25 19:35	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.0		4.0		mg/L			04/04/25 19:35	1
Specific Conductance (SM 2510B)	**400**		2.0		umhos/cm			04/04/25 19:35	1
Total Dissolved Solids (SM 2540C)	**270**		20		mg/L			04/04/25 16:23	1
Fluoride (SM 4500 F C)	<0.050		0.050		mg/L			04/04/25 22:54	1
pH (SM 4500 H+ B)	**7.9**	**HF**			SU			04/04/25 19:35	1
Sulfide (SM 4500 S2 D)	<0.050		0.050		mg/L			04/07/25 17:38	1

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

Lab Sample ID: 380-143838-3

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/06/25 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/06/25 01:47*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*04/06/25 01:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*04/06/25 01:47*	*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			04/05/25 09:07	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:07	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/25 09:07	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:07	1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-143838-3
Date Collected: 04/02/25 09:49
Matrix: Water
Date Received: 04/04/25 10:36

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/25 09:07	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/25 09:07	1
Acetone	<500		500		ug/L			04/05/25 09:07	1
Benzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromobenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromoethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromoform	<0.50		0.50		ug/L			04/05/25 09:07	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/25 09:07	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/25 09:07	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/25 09:07	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Chloroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/25 09:07	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/25 09:07	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 09:07	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:07	1
Dibromomethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Dichloromethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/25 09:07	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Hexachlorobutadiene	<0.50	^3+	0.50		ug/L			04/05/25 09:07	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/25 09:07	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/25 09:07	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/25 09:07	1
Naphthalene	<0.50		0.50		ug/L			04/05/25 09:07	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 09:07	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/25 09:07	1
o-Xylene	<0.50		0.50		ug/L			04/05/25 09:07	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 09:07	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/25 09:07	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/25 09:07	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Styrene	<0.50		0.50		ug/L			04/05/25 09:07	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/25 09:07	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/25 09:07	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:07	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/25 09:07	1
Toluene	<0.50		0.50		ug/L			04/05/25 09:07	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 09:07	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:07	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/25 09:07	1

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

Lab Sample ID: 380-143838-3

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/25 09:07	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/25 09:07	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/25 09:07	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/25 09:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*21*	*T J*	*ug/L*		*9.02*	*N/A*		*04/05/25 09:07*	*1*
Unknown	*0.56*	*T J*	*ug/L*		*10.38*	*N/A*		*04/05/25 09:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*04/05/25 09:07*	*1*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*04/05/25 09:07*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/05/25 09:07*	*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			04/15/25 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*38 - 134*		*04/15/25 16:27*	*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		04/09/25 11:50	04/09/25 15:33	1
1,2 Dibromo 3 Chloropropane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 15:33	1
1,2-Dibromoethane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*106*		*60 - 140*	*04/09/25 11:50*	*04/09/25 15:33*	*1*

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-4

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/06/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/06/25 02:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/06/25 02:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*04/06/25 02:09*	*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			04/05/25 09:30	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)
Lab Sample ID: 380-143838-4

Date Collected: 04/02/25 10:24
Matrix: Water
Date Received: 04/04/25 10:36

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,2,3-Trichloropropane	0 50		0 50		ug/L			04/05/25 09 30	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:30	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/25 09:30	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 09:30	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/25 09:30	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/25 09:30	1
Acetone	<500		500		ug/L			04/05/25 09:30	1
Benzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromobenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromoethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromoform	<0.50		0.50		ug/L			04/05/25 09:30	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/25 09:30	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/25 09:30	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/25 09:30	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Chloroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/25 09:30	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/25 09:30	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 09:30	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:30	1
Dibromomethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Dichloromethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/25 09:30	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Hexachlorobutadiene	<0.50	^3+	0.50		ug/L			04/05/25 09:30	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/25 09:30	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/25 09:30	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/25 09:30	1
Naphthalene	<0.50		0.50		ug/L			04/05/25 09:30	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 09:30	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/25 09:30	1
o-Xylene	<0.50		0.50		ug/L			04/05/25 09:30	1

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

Job ID: 380-143838-1
SDG: Quarterly

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)
Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Lab Sample ID: 380-143838-4
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			04/05/25 09:30	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/25 09:30	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/25 09:30	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Styrene	0 50		0 50		ug/L			04/05/25 09 30	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/25 09:30	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/25 09:30	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/25 09:30	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/25 09:30	1
Toluene	<0.50		0.50		ug/L			04/05/25 09:30	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 09:30	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 09:30	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/25 09:30	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/25 09:30	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/25 09:30	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/25 09:30	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/25 09:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*9.02*	*N/A*		*04/05/25 09:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*04/05/25 09:30*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*04/05/25 09:30*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/05/25 09:30*	*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			04/15/25 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*38 - 134*		*04/15/25 16:52*	*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		04/09/25 11:50	04/09/25 15:55	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 15:55	1
1,2-Dibromoethane	<0.010		0.010		ug/L		04/09/25 11:50	04/09/25 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*105*		*60 - 140*	*04/09/25 11:50*	*04/09/25 15:55*	*1*

Action Limit Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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

Lab Sample ID: 380-143838-1

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
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
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50		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	<0.019		ug/L		0.2		525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.58		ug/L		6		525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.58		ug/L		400		525.2	Total/NA
Endrin	<0.0097		ug/L		2		525.2	Total/NA
Heptachlor	<0.0097		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0097		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
Lindane	<0.0097		ug/L		0.2		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	<0.010		ug/L		0.2		504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05		504.1	Total/NA
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	95	F1 ^2	mg/L			250	300.0	Total/NA

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

Lab Sample ID: 380-143838-1

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
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	2.7		ug/L		100		200.8	Total/NA
Copper	3.3		ug/L			1000	200.8	Total/NA
Lead	<0.50		ug/L		15.000		200.8	Total/NA
Selenium	2.4		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	12		ug/L			5000	200.8	Total/NA
Total Dissolved Solids	300		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: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

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
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
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50		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

Action Limit Summary

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

Job ID: 380-143838-1
SDG: Quarterly

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072) (Continued)

Lab Sample ID: 380-143838-2

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
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
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
Lindane	<0.0098		ug/L		0.2		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	<0.96		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	<0.010		ug/L		0.2		504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05		504.1	Total/NA
Toxaphene	<0.51		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	87	^2	mg/L			250	300.0	Total/NA
Sulfate	12		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	2.5		ug/L		100		200.8	Total/NA
Copper	2.1		ug/L			1000	200.8	Total/NA
Lead	<0.50		ug/L		15.000		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	270		mg/L			500	SM 2540C	Total/NA
Fluoride	<0.050		mg/L		4	2	SM 4500 F C	Total/NA
pH	7.9	HF	SU			6.5	SM 4500 H+ B	Total/NA

Action Limit Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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

Lab Sample ID: 380-143838-3

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
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
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
Dichloromethane	<0.50		ug/L	5.000	5	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
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
Xylenes, Total	<0.50		ug/L	10000	10000	0.50	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	<0.010		ug/L		0.2	0.010	504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05	0.010	504.1	Total/NA

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-4

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
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
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
Dichloromethane	<0.50		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: 380-143838-1
SDG: Quarterly

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072) (Continued)

Lab Sample ID: 380-143838-4

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
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
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
Xylenes, Total	<0.50		ug/L	10000	10000	0.50	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	<0.010		ug/L		0.2	0.010	504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05	0.010	504.1	Total/NA

Surrogate Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DCA
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	97	105	98
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	100	106	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DCA
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-143838-3	TB: AIEA GULCH WELLS PUMI	98	101	99
380-143838-4	TB: AIEA GULCH WELLS PUMI 2 (331-202-TP072)	98	102	101
LCS 380-145654/8	Lab Control Sample	100	98	98
LCSD 380-145654/9	Lab Control Sample Dup	100	99	100
MB 380-145654/11	Method Blank	98	102	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	BFB	DCA
Lab Sample ID	Client Sample ID	(50-150)	(50-150)	(50-150)
MRL 380-145654/10	Lab Control Sample	98	103	100

Surrogate Legend

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

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	105	99	101
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	105	100	101

Surrogate Legend

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

Surrogate Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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)
380-143838-3	TB: AIEA GULCH WELLS PUMP	102	97	99
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)	98	103	102
LCS 380-145599/3	Lab Control Sample	107	101	99
LCSD 380-145599/4	Lab Control Sample Dup	107	104	100
MB 380-145599/5	Method Blank	108	99	99
MRL 380-145568/13	Lab Control Sample	97	106	102
MRL 380-145568/14	Lab Control Sample	97	99	101

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	99	90	103
380-143838-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	98	93	107
380-143838-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	98	94	107
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	98	91	106

Surrogate Legend

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

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 380-145789/23-A	Lab Control Sample	98	96	106
MB 380-145789/21-A	Method Blank	98	87	105
MRL 380-145789/22-A	Lab Control Sample	97	88	103

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: 380-143838-1
SDG: Quarterly

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	92	79	56	87	25	78
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	97	89	52	96	31	93

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 570-553677/1-A	Method Blank	85	113	68	120	39	115

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	116	92	54	98	33	91
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	103	95	44	91	25	97

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)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
380-143376-A-3-A MS	Matrix Spike	112	96	64	81	43	105

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

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)
380-143376-A-3-B MSD	Matrix Spike Duplicate	113	101	69	84	45	107
LCS 570-553677/2-A	Lab Control Sample	103	98	70	81	48	104
LCS 570-555182/2-A	Lab Control Sample	79	84	53	88	34	92
LCSD 570-553677/3-A	Lab Control Sample Dup	104	104	75	89	53	109
LCSD 570-555182/3-A	Lab Control Sample Dup	87	92	60	94	39	98
MB 570-553677/1-A	Method Blank	108	94	65	100	43	105
MB 570-555182/1-A	Method Blank	100	88	46	88	27	94

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	87
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	87

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)
380-143838-3	TB: AIEA GULCH WELLS PUMF	85
380-143838-4	TB: AIEA GULCH WELLS PUMF 2 (331-202-TP072)	86
380-144829-C-3 MS	Matrix Spike	91
380-144829-C-3 MSD	Matrix Spike Duplicate	93
LCS 570-558265/4	Lab Control Sample	90
LCSD 570-558265/5	Lab Control Sample Dup	90
MB 570-558265/6	Method Blank	87
MRL 570-558265/3	Lab Control Sample	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DBPP1 (60-140)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	108
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	104

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) DBPP1 (60-140)
380-143838-3	TB: AIEA GULCH WELLS PUMP	106
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)	105
380-144238-DR-1-A MS	Matrix Spike	99
380-144238-DS-1-A DU	Duplicate	105
LCS 380-146213/29-A	Lab Control Sample	105
MBL 380-146213/4-A	Method Blank	98
MRL 380-146213/2-A	Lab Control Sample	105
MRL 380-146213/3-A	Lab Control Sample	105

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Method: 505 - Organochlorine Pesticides/PCBs (GC)

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TCX1 (70-130)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	95
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	96

Surrogate Legend

TCX = Tetrachloro-m-xylene

Method: 505 - Organochlorine Pesticides/PCBs (GC)

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits) TCX1 (70-130)
380-143067-AP-1-A MS	Matrix Spike	94
380-143067-AR-1-A MS	Matrix Spike	74
380-143769-BU-1-A MS	Matrix Spike	91
380-143769-BV-1-A MS	Matrix Spike	94
LCS 380-145540/28-A	Lab Control Sample	99
LCS 380-145540/30-A	Lab Control Sample	101
LCS 380-145540/31-A	Lab Control Sample	99
LCSD 380-145540/29-A	Lab Control Sample Dup	98
MB 380-145540/3-A	Method Blank	98

Surrogate Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TCX1 (70-130)
MRL 380-145540/1-A	Lab Control Sample	104
MRL 380-145540/2-A	Lab Control Sample	99

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)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	87
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	97

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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)
380-143376-B-3-B MS	Matrix Spike	104
380-143376-B-3-C MSD	Matrix Spike Duplicate	94
LCS 570-554296/2-A	Lab Control Sample	103
LCSD 570-554296/3-A	Lab Control Sample Dup	106
MB 570-554296/1-A	Method Blank	96
MRL 570-554296/4-A	Lab Control Sample	106

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 (54-120)
380-143838-1	AIEA GULCH WELLS PUMP 1 (	81
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	88

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

Surrogate Summary

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

Job ID: 380-143838-1
SDG: Quarterly

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 (54-120)**
380-143415-AC-1 MS	Matrix Spike	86
380-143415-AC-1 MSD	Matrix Spike Duplicate	88
LCS 570-557182/4	Lab Control Sample	95
LCSD 570-557182/5	Lab Control Sample Dup	94
MB 570-557182/3	Method Blank	91
MRL 570-557182/6	Lab Control Sample	116

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

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

Lab Sample ID: MRL 380-145568/13
Matrix: Water
Analysis Batch: 145568

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	0.604		ug/L		121	50 - 150		
Vinyl Chloride (VC)			0.250	0.332		ug/L		133	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MRL 380-145568/14
Matrix: Water
Analysis Batch: 145568

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	0.426	J	ug/L		85	50 - 150		
1,1,1-Trichloroethane			0.500	0.421	J	ug/L		84	50 - 150		
1,1,2,2-Tetrachloroethane			0.500	0.483	J	ug/L		97	50 - 150		
1,1,2-Trichloroethane			0.500	0.545		ug/L		109	50 - 150		
1,1-Dichlorethylene			0.500	0.448	J	ug/L		90	50 - 150		
1,1-Dichloroethane			0.500	0.486	J	ug/L		97	50 - 150		
1,1-Dichloropropene			0.500	0.435	J	ug/L		87	50 - 150		
1,2,3-Trichlorobenzene			0.500	0.666		ug/L		133	50 - 150		
1,2,3-Trichloropropane			0.500	0.546		ug/L		109	50 - 150		
1,2,4-Trichlorobenzene			0.500	0.653		ug/L		131	50 - 150		
1,2,4-Trimethylbenzene			0.500	0.528		ug/L		106	50 - 150		
1,2-Dichloroethane			0.500	0.446	J	ug/L		89	50 - 150		
1,2-Dichloropropane			0.500	0.512		ug/L		102	50 - 150		
1,3,5-Trimethylbenzene			0.500	0.528		ug/L		106	50 - 150		
1,3-Dichloropropane			0.500	0.499	J	ug/L		100	50 - 150		
1,3-Dichloropropene, Total			1.00	0.769		ug/L		77	50 - 150		
2,2-Dichloropropane			0.500	0.450	J	ug/L		90	50 - 150		
2-Butanone (MEK)			5.00	4.98	J	ug/L		100	50 - 150		
4-Methyl-2-pentanone (MIBK)			5.00	5.33		ug/L		107	50 - 150		
Acetone			5.00	4.90	J	ug/L		98	50 - 150		
Benzene			0.500	0.502		ug/L		100	50 - 150		
Bromobenzene			0.500	0.511		ug/L		102	50 - 150		
Bromochloromethane			0.500	0.435	J	ug/L		87	50 - 150		
Bromodichloromethane			0.500	0.412	J	ug/L		82	50 - 150		
Bromoethane			0.500	0.423	J	ug/L		85	50 - 150		
Bromoform			0.500	0.505		ug/L		101	50 - 150		
Bromomethane (Methyl Bromide)			0.500	0.502		ug/L		100	50 - 150		
Carbon disulfide			0.500	0.398	J	ug/L		80	50 - 150		
Carbon tetrachloride			0.500	0.406	J	ug/L		81	50 - 150		
Chlorobenzene			0.500	0.509		ug/L		102	50 - 150		
Chlorodibromomethane			0.500	0.405	J	ug/L		81	50 - 150		
cis-1,3-Dichloropropene			0.500	0.393	J	ug/L		79	50 - 150		
Dichloromethane			0.500	0.477	J	ug/L		95	50 - 150		
Diisopropyl ether			0.500	0.468	J	ug/L		94	50 - 150		
Ethylbenzene			0.500	0.523		ug/L		105	50 - 150		

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

Lab Sample ID: MRL 380-145568/14
Matrix: Water
Analysis Batch: 145568

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	0.500	0.770	^3+	ug/L		154	50 - 150
Isopropylbenzene	0.500	0.538		ug/L		108	50 - 150
m,p-Xylenes	1.00	1.05		ug/L		105	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.558		ug/L		112	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.500		ug/L		100	50 - 150
Naphthalene	0.500	0.645		ug/L		129	50 - 150
n-Butylbenzene	0.500	0.549		ug/L		110	50 - 150
N-Propylbenzene	0.500	0.542		ug/L		108	50 - 150
o-Chlorotoluene	0.500	0.512		ug/L		102	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.560		ug/L		112	50 - 150
o-Xylene	0.500	0.519		ug/L		104	50 - 150
p-Chlorotoluene	0.500	0.543		ug/L		109	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.580		ug/L		116	50 - 150
p-Isopropyltoluene	0.500	0.558		ug/L		112	50 - 150
sec-Butylbenzene	0.500	0.572		ug/L		114	50 - 150
Styrene	0.500	0.495	J	ug/L		99	50 - 150
Tert-amyl methyl ether	0.500	0.484	J	ug/L		97	50 - 150
Tert-butyl ethyl ether	0.500	0.452	J	ug/L		90	50 - 150
tert-Butylbenzene	0.500	0.556		ug/L		111	50 - 150
Tetrachloroethene (PCE)	0.500	0.510		ug/L		102	50 - 150
Toluene	0.500	0.505		ug/L		101	50 - 150
trans-1,2-Dichloroethylene	0.500	0.452	J	ug/L		90	50 - 150
trans-1,3-Dichloropropene	0.500	0.376	J	ug/L		75	50 - 150
Trichloroethylene (TCE)	0.500	0.463	J	ug/L		93	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.476	J	ug/L		95	50 - 150
Trichlorotrifluoroethane	0.500	0.544		ug/L		109	50 - 150
Vinyl Chloride (VC)	0.500	0.522		ug/L		104	50 - 150
Xylenes, Total	1.50	1.57		ug/L		105	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 380-145599/5
Matrix: Water
Analysis Batch: 145599

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			04/05/25 02:20	1
1,1,1-Trichloroethane	<0.50		0.50	ug/L			04/05/25 02:20	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	ug/L			04/05/25 02:20	1
1,1,2-Trichloroethane	<0.50		0.50	ug/L			04/05/25 02:20	1
1,1-Dichlorethylene	<0.50		0.50	ug/L			04/05/25 02:20	1
1,1-Dichloroethane	<0.50		0.50	ug/L			04/05/25 02:20	1
1,1-Dichloropropene	<0.50		0.50	ug/L			04/05/25 02:20	1
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L			04/05/25 02:20	1
1,2,3-Trichloropropane	<0.50		0.50	ug/L			04/05/25 02:20	1

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

Lab Sample ID: MB 380-145599/5
Matrix: Water
Analysis Batch: 145599

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/25 02:20	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 02:20	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/25 02:20	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/25 02:20	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/25 02:20	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/25 02:20	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/25 02:20	1
Acetone	<500		500		ug/L			04/05/25 02:20	1
Benzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromobenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromoethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromoform	<0.50		0.50		ug/L			04/05/25 02:20	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/25 02:20	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/25 02:20	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/25 02:20	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Chloroethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/25 02:20	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/25 02:20	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 02:20	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 02:20	1
Dibromomethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Dichloromethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/25 02:20	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/05/25 02:20	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/25 02:20	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/25 02:20	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/25 02:20	1
Naphthalene	<0.50		0.50		ug/L			04/05/25 02:20	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 02:20	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/25 02:20	1
o-Xylene	<0.50		0.50		ug/L			04/05/25 02:20	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/25 02:20	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/25 02:20	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/25 02:20	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Styrene	<0.50		0.50		ug/L			04/05/25 02:20	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/25 02:20	1

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

Lab Sample ID: MB 380-145599/5
Matrix: Water
Analysis Batch: 145599

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/25 02:20	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/25 02:20	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/25 02:20	1
Toluene	<0.50		0.50		ug/L			04/05/25 02:20	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/25 02:20	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/25 02:20	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/25 02:20	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/25 02:20	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/25 02:20	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/25 02:20	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/25 02:20	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*		*04/05/25 02:20*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*04/05/25 02:20*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/05/25 02:20*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*04/05/25 02:20*	*1*

Lab Sample ID: LCS 380-145599/3
Matrix: Water
Analysis Batch: 145599

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	4.53		ug/L		91	70 - 130		
1,1,1-Trichloroethane			5.00	4.65		ug/L		93	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	5.17		ug/L		103	70 - 130		
1,1,2-Trichloroethane			5.00	4.73		ug/L		95	70 - 130		
1,1-Dichlorethylene			5.00	4.77		ug/L		95	70 - 130		
1,1-Dichloroethane			5.00	4.74		ug/L		95	70 - 130		
1,1-Dichloropropene			5.00	4.77		ug/L		95	70 - 130		
1,2,3-Trichlorobenzene			5.00	6.40		ug/L		128	70 - 130		
1,2,3-Trichloropropane			5.00	5.06		ug/L		101	70 - 130		
1,2,4-Trichlorobenzene			5.00	6.06		ug/L		121	70 - 130		
1,2,4-Trimethylbenzene			5.00	5.30		ug/L		106	70 - 130		
1,2-Dichloroethane			5.00	5.15		ug/L		103	70 - 130		
1,2-Dichloropropane			5.00	4.65		ug/L		93	70 - 130		
1,3,5-Trimethylbenzene			5.00	5.32		ug/L		106	70 - 130		
1,3-Dichloropropane			5.00	4.75		ug/L		95	70 - 130		
1,3-Dichloropropene, Total			10.0	8.63		ug/L		86	70 - 130		
2,2-Dichloropropane			5.00	4.25		ug/L		85	70 - 130		
2-Butanone (MEK)			50.0	49.3		ug/L		99	70 - 130		
4-Methyl-2-pentanone (MIBK)			50.0	49.3		ug/L		99	70 - 130		
Acetone			50.0	45.5	J	ug/L		91	70 - 130		
Benzene			5.00	5.32		ug/L		106	70 - 130		
Bromobenzene			5.00	5.13		ug/L		103	70 - 130		
Bromochloromethane			5.00	4.57		ug/L		91	70 - 130		

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

Lab Sample ID: LCS 380-145599/3
Matrix: Water
Analysis Batch: 145599

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	5.00	4.17		ug/L		83	70 - 130
Bromoethane	5.00	4.83		ug/L		97	70 - 130
Bromoform	5.00	4.47		ug/L		89	70 - 130
Bromomethane (Methyl Bromide)	5.00	4.50		ug/L		90	70 - 130
Carbon disulfide	5.00	4.20		ug/L		84	70 - 130
Carbon tetrachloride	5.00	4.29		ug/L		86	70 - 130
Chlorobenzene	5.00	4.86		ug/L		97	70 - 130
Chlorodibromomethane	5.00	4.42		ug/L		88	70 - 130
cis-1,3-Dichloropropene	5.00	4.38		ug/L		88	70 - 130
Dichloromethane	5.00	4.59		ug/L		92	70 - 130
Diisopropyl ether	5.00	4.57		ug/L		91	70 - 130
Ethylbenzene	5.00	4.84		ug/L		97	70 - 130
Hexachlorobutadiene	5.00	6.23		ug/L		125	70 - 130
Isopropylbenzene	5.00	5.24		ug/L		105	70 - 130
m,p-Xylenes	10.0	10.1		ug/L		101	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	5.27		ug/L		105	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	4.78		ug/L		96	70 - 130
Naphthalene	5.00	6.14		ug/L		123	70 - 130
n-Butylbenzene	5.00	5.31		ug/L		106	70 - 130
N-Propylbenzene	5.00	5.37		ug/L		107	70 - 130
o-Chlorotoluene	5.00	4.92		ug/L		98	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	5.10		ug/L		102	70 - 130
o-Xylene	5.00	4.94		ug/L		99	70 - 130
p-Chlorotoluene	5.00	5.26		ug/L		105	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	5.23		ug/L		105	70 - 130
p-Isopropyltoluene	5.00	5.67		ug/L		113	70 - 130
sec-Butylbenzene	5.00	5.58		ug/L		112	70 - 130
Styrene	5.00	4.75		ug/L		95	70 - 130
Tert-amyl methyl ether	5.00	4.85		ug/L		97	70 - 130
Tert-butyl ethyl ether	5.00	4.49		ug/L		90	70 - 130
tert-Butylbenzene	5.00	5.46		ug/L		109	70 - 130
Tetrachloroethene (PCE)	5.00	4.97		ug/L		99	70 - 130
Toluene	5.00	4.73		ug/L		95	70 - 130
trans-1,2-Dichloroethylene	5.00	4.80		ug/L		96	70 - 130
trans-1,3-Dichloropropene	5.00	4.25		ug/L		85	70 - 130
Trichloroethylene (TCE)	5.00	4.71		ug/L		94	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	4.85		ug/L		97	70 - 130
Trichlorotrifluoroethane	5.00	4.75		ug/L		95	70 - 130
Vinyl Chloride (VC)	5.00	4.35		ug/L		87	70 - 130
Xylenes, Total	15.0	15.1		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: LCSD 380-145599/4
Matrix: Water
Analysis Batch: 145599

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	4.45		ug/L		89	70 - 130	2	20
1,1,1-Trichloroethane			5.00	4.41		ug/L		88	70 - 130	5	20
1,1,2,2-Tetrachloroethane			5.00	5.11		ug/L		102	70 - 130	1	20
1,1,2-Trichloroethane			5.00	4.85		ug/L		97	70 - 130	3	20
1,1-Dichlorethylene			5.00	4.36		ug/L		87	70 - 130	9	20
1,1-Dichloroethane			5.00	4.39		ug/L		88	70 - 130	8	20
1,1-Dichloropropene			5.00	4.27		ug/L		85	70 - 130	11	20
1,2,3-Trichlorobenzene			5.00	5.60		ug/L		112	70 - 130	13	20
1,2,3-Trichloropropane			5.00	5.11		ug/L		102	70 - 130	1	20
1,2,4-Trichlorobenzene			5.00	5.34		ug/L		107	70 - 130	13	20
1,2,4-Trimethylbenzene			5.00	5.00		ug/L		100	70 - 130	6	20
1,2-Dichloroethane			5.00	5.14		ug/L		103	70 - 130	0	20
1,2-Dichloropropane			5.00	4.56		ug/L		91	70 - 130	2	20
1,3,5-Trimethylbenzene			5.00	5.01		ug/L		100	70 - 130	6	20
1,3-Dichloropropane			5.00	4.73		ug/L		95	70 - 130	0	20
1,3-Dichloropropene, Total			10.0	8.61		ug/L		86	70 - 130	0	20
2,2-Dichloropropane			5.00	3.90		ug/L		78	70 - 130	9	20
2-Butanone (MEK)			50.0	51.3		ug/L		103	70 - 130	4	20
4-Methyl-2-pentanone (MIBK)			50.0	49.6		ug/L		99	70 - 130	1	20
Acetone			50.0	45.4	J	ug/L		91	70 - 130	0	20
Benzene			5.00	5.01		ug/L		100	70 - 130	6	20
Bromobenzene			5.00	4.87		ug/L		97	70 - 130	5	20
Bromochloromethane			5.00	4.60		ug/L		92	70 - 130	1	20
Bromodichloromethane			5.00	3.98		ug/L		80	70 - 130	5	20
Bromoethane			5.00	4.51		ug/L		90	70 - 130	7	20
Bromoform			5.00	4.41		ug/L		88	70 - 130	1	20
Bromomethane (Methyl Bromide)			5.00	4.29		ug/L		86	70 - 130	5	20
Carbon disulfide			5.00	3.76		ug/L		75	70 - 130	11	20
Carbon tetrachloride			5.00	4.09		ug/L		82	70 - 130	5	20
Chlorobenzene			5.00	4.57		ug/L		91	70 - 130	6	20
Chlorodibromomethane			5.00	4.34		ug/L		87	70 - 130	2	20
cis-1,3-Dichloropropene			5.00	4.29		ug/L		86	70 - 130	2	20
Dichloromethane			5.00	4.39		ug/L		88	70 - 130	4	20
Diisopropyl ether			5.00	4.43		ug/L		89	70 - 130	3	20
Ethylbenzene			5.00	4.60		ug/L		92	70 - 130	5	20
Hexachlorobutadiene			5.00	5.32		ug/L		106	70 - 130	16	20
Isopropylbenzene			5.00	4.86		ug/L		97	70 - 130	8	20
m,p-Xylenes			10.0	9.33		ug/L		93	70 - 130	8	20
m-Dichlorobenzene (1,3-DCB)			5.00	5.01		ug/L		100	70 - 130	5	20
Methyl-tert-butyl Ether (MTBE)			5.00	4.75		ug/L		95	70 - 130	1	20
Naphthalene			5.00	5.69		ug/L		114	70 - 130	8	20
n-Butylbenzene			5.00	4.72		ug/L		94	70 - 130	12	20
N-Propylbenzene			5.00	4.94		ug/L		99	70 - 130	9	20
o-Chlorotoluene			5.00	4.65		ug/L		93	70 - 130	6	20
o-Dichlorobenzene (1,2-DCB)			5.00	4.81		ug/L		96	70 - 130	6	20
o-Xylene			5.00	4.65		ug/L		93	70 - 130	6	20
p-Chlorotoluene			5.00	4.87		ug/L		97	70 - 130	8	20
p-Dichlorobenzene (1,4-DCB)			5.00	4.99		ug/L		100	70 - 130	5	20

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

Lab Sample ID: LCSD 380-145599/4
Matrix: Water
Analysis Batch: 145599

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
p-Isopropyltoluene	5.00	5.05		ug/L		101	70 - 130	11	20
sec-Butylbenzene	5.00	5.08		ug/L		102	70 - 130	9	20
Styrene	5.00	4.57		ug/L		91	70 - 130	4	20
Tert-amyl methyl ether	5.00	4.79		ug/L		96	70 - 130	1	20
Tert-butyl ethyl ether	5.00	4.66		ug/L		93	70 - 130	4	20
tert-Butylbenzene	5.00	5.09		ug/L		102	70 - 130	7	20
Tetrachloroethene (PCE)	5.00	4.46		ug/L		89	70 - 130	11	20
Toluene	5.00	4.43		ug/L		89	70 - 130	7	20
trans-1,2-Dichloroethylene	5.00	4.31		ug/L		86	70 - 130	11	20
trans-1,3-Dichloropropene	5.00	4.32		ug/L		86	70 - 130	2	20
Trichloroethylene (TCE)	5.00	4.42		ug/L		88	70 - 130	6	20
Trichlorofluoromethane (Freon 11)	5.00	4.51		ug/L		90	70 - 130	7	20
Trichlorotrifluoroethane	5.00	4.27		ug/L		85	70 - 130	11	20
Vinyl Chloride (VC)	5.00	4.18		ug/L		84	70 - 130	4	20
Xylenes, Total	15.0	14.0		ug/L		93	70 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 380-145654/11
Matrix: Water
Analysis Batch: 145654

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			04/05/25 23:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*70 - 130*		*04/05/25 23:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/05/25 23:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*		*04/05/25 23:09*	*1*

Lab Sample ID: LCS 380-145654/8
Matrix: Water
Analysis Batch: 145654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Tertiary Butyl Alcohol (TBA)	5.00	4.91		ug/L		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: LCSD 380-145654/9
Matrix: Water
Analysis Batch: 145654

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
Tertiary Butyl Alcohol (TBA)			5.00	4.88		ug/L		98	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*

Lab Sample ID: MRL 380-145654/10
Matrix: Water
Analysis Batch: 145654

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Tertiary Butyl Alcohol (TBA)			2.00	2.29		ug/L		115	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*50 - 150*
4-Bromofluorobenzene (Surr)	*103*		*50 - 150*
1,2-Dichloroethane-d4 (Surr)	*100*		*50 - 150*

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

Lab Sample ID: MB 380-145789/21-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145789

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2,4'-DDD	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2,4'-DDE	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2,4'-DDT	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
2-Methylnaphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
4,4'-DDD	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
4,4'-DDE	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
4,4'-DDT	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Acenaphthene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Acenaphthylene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Acetochlor	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Alachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
alpha-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
alpha-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Anthracene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:13	1
Atrazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Benzo[a]pyrene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:13	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:13	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1

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

Lab Sample ID: MB 380-145789/21-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145789

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:13	1
beta-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		04/07/25 08:00	04/08/25 14:13	1
Bromacil	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Butachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:13	1
Chlorobenzilate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Chloroneb	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Chlorpyrifos	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Chrysene	<0.019		0.019		ug/L		04/07/25 08:00	04/08/25 14:13	1
delta-BHC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		04/07/25 08:00	04/08/25 14:13	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Dieldrin	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Diethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:13	1
Dimethylphthalate	<0.49		0.49		ug/L		04/07/25 08:00	04/08/25 14:13	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		04/07/25 08:00	04/08/25 14:13	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Endosulfan sulfate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Endrin	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Endrin aldehyde	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
EPTC	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Fluoranthene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Fluorene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
gamma-Chlordane	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Heptachlor	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Isophorone	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Lindane	<0.0097		0.0097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Malathion	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Methoxychlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Metolachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Molinate	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Naphthalene	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Parathion	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Phenanthrene	<0.039		0.039		ug/L		04/07/25 08:00	04/08/25 14:13	1
Propachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Pyrene	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Simazine	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Terbacil	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Terbuthylazine	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1

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

Lab Sample ID: MB 380-145789/21-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145789

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Thiobencarb	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		04/07/25 08:00	04/08/25 14:13	1
trans-Nonachlor	<0.049		0.049		ug/L		04/07/25 08:00	04/08/25 14:13	1
Trifluralin	<0.097		0.097		ug/L		04/07/25 08:00	04/08/25 14:13	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Ethyl 3-acetoxybutyrate	*0.735*	*T J N*	*ug/L*		*3.25*	*27846-49-7*	*04/07/25 08:00*	*04/08/25 14:13*	*1*
9-Octadecenamide, (Z)-	*1.41*	*T J N*	*ug/L*		*8.07*	*301-02-0*	*04/07/25 08:00*	*04/08/25 14:13*	*1*
13-Docosenamide, (Z)-	*0.498*	*T J N*	*ug/L*		*10.67*	*112-84-5*	*04/07/25 08:00*	*04/08/25 14:13*	*1*
Unknown	*0.805*	*T J*	*ug/L*		*11.66*	*N/A*	*04/07/25 08:00*	*04/08/25 14:13*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:13*	*1*
Perylene-d12	*87*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:13*	*1*
Triphenylphosphate	*105*		*70 - 130*	*04/07/25 08:00*	*04/08/25 14:13*	*1*

Lab Sample ID: LCS 380-145789/23-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.95	1.96		ug/L		101	70 - 130
2,4'-DDD	1.95	2.12		ug/L		109	70 - 130
2,4'-DDE	1.95	2.12		ug/L		109	70 - 130
2,4'-DDT	1.95	2.01		ug/L		103	70 - 130
2,4-Dinitrotoluene	1.95	2.04		ug/L		105	70 - 130
2,6-Dinitrotoluene	1.95	1.99		ug/L		102	70 - 130
2-Methylnaphthalene	1.95	1.99		ug/L		102	70 - 130
4,4'-DDD	1.95	2.06		ug/L		106	70 - 130
4,4'-DDE	1.95	2.11		ug/L		108	70 - 130
4,4'-DDT	1.95	1.97		ug/L		101	70 - 130
Acenaphthene	1.95	2.03		ug/L		104	70 - 130
Acenaphthylene	1.95	2.07		ug/L		106	70 - 130
Acetochlor	1.95	2.24		ug/L		115	70 - 130
Alachlor	1.95	2.28		ug/L		117	70 - 130
alpha-BHC	1.95	2.15		ug/L		110	70 - 130
alpha-Chlordane	1.95	2.18		ug/L		112	70 - 130
Anthracene	1.95	2.03		ug/L		104	70 - 130
Atrazine	1.95	2.35		ug/L		121	70 - 130
Benz(a)anthracene	1.95	2.01		ug/L		103	70 - 130
Benzo[a]pyrene	1.95	2.02		ug/L		104	70 - 130
Benzo[b]fluoranthene	1.95	2.25		ug/L		116	70 - 130
Benzo[g,h,i]perylene	1.95	2.06		ug/L		106	70 - 130
Benzo[k]fluoranthene	1.95	2.01		ug/L		103	70 - 130
beta-BHC	1.95	2.20		ug/L		113	70 - 130
Bis(2-ethylhexyl) phthalate	1.95	2.07		ug/L		106	70 - 130
Bromacil	1.95	2.06		ug/L		106	70 - 130
Butachlor	1.95	2.27		ug/L		117	70 - 130

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

Lab Sample ID: LCS 380-145789/23-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butylbenzylphthalate	1.95	2.23		ug/L		115	70 - 130
Chlorobenzilate	1.95	2.19		ug/L		113	70 - 130
Chloroneb	1.95	2.06		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	1.95	2.25		ug/L		115	70 - 130
Chlorpyrifos	1.95	2.23		ug/L		115	70 - 130
Chrysene	1.95	2.06		ug/L		106	70 - 130
delta-BHC	1.95	2.14		ug/L		110	70 - 130
Di(2-ethylhexyl)adipate	1.95	2.21		ug/L		113	70 - 130
Dibenz(a,h)anthracene	1.95	2.17		ug/L		111	70 - 130
Diclorvos (DDVP)	1.95	2.09		ug/L		107	70 - 130
Dieldrin	1.95	2.05		ug/L		105	70 - 130
Diethylphthalate	1.95	2.25		ug/L		116	70 - 130
Dimethylphthalate	1.95	2.20		ug/L		113	70 - 130
Di-n-butyl phthalate	3.90	4.23		ug/L		109	70 - 130
Di-n-octyl phthalate	1.95	2.01		ug/L		103	70 - 130
Endosulfan I (Alpha)	1.95	2.10		ug/L		108	70 - 130
Endosulfan II (Beta)	1.95	2.15		ug/L		110	70 - 130
Endosulfan sulfate	1.95	2.16		ug/L		111	70 - 130
Endrin	1.95	2.09		ug/L		107	70 - 130
Endrin aldehyde	1.95	2.06		ug/L		106	60 - 130
EPTC	1.95	2.10		ug/L		108	70 - 130
Fluoranthene	1.95	2.22		ug/L		114	70 - 130
Fluorene	1.95	2.13		ug/L		109	70 - 130
gamma-Chlordane	1.95	2.12		ug/L		109	70 - 130
Heptachlor	1.95	2.10		ug/L		108	70 - 130
Heptachlor epoxide (isomer B)	1.95	2.10		ug/L		108	70 - 130
Hexachlorobenzene	1.95	2.01		ug/L		103	70 - 130
Hexachlorocyclopentadiene	1.95	1.95		ug/L		100	70 - 130
Indeno[1,2,3-cd]pyrene	1.95	2.05		ug/L		105	70 - 130
Isophorone	1.95	2.01		ug/L		103	70 - 130
Lindane	1.95	2.12		ug/L		109	70 - 130
Malathion	1.95	2.28		ug/L		117	70 - 130
Methoxychlor	1.95	2.07		ug/L		106	70 - 130
Metolachlor	1.95	2.33		ug/L		119	70 - 130
Molinate	1.95	2.17		ug/L		111	70 - 130
Naphthalene	1.95	1.85		ug/L		95	70 - 130
Parathion	1.95	2.16		ug/L		111	70 - 130
Pendimethalin (Penoxaline)	1.95	2.02		ug/L		104	70 - 130
Phenanthrene	1.95	1.96		ug/L		100	70 - 130
Propachlor	1.95	2.27		ug/L		116	70 - 130
Pyrene	1.95	2.25		ug/L		115	70 - 130
Simazine	1.95	2.37		ug/L		122	70 - 130
Terbacil	1.95	2.21		ug/L		113	70 - 130
Terbuthylazine	1.95	2.35		ug/L		121	70 - 130
Thiobencarb	1.95	2.31		ug/L		118	70 - 130
trans-Nonachlor	1.95	2.09		ug/L		107	70 - 130
Trifluralin	1.95	1.98		ug/L		102	70 - 130

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

Lab Sample ID: LCS 380-145789/23-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145789

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Nitro-m-xylene	98		70 - 130
Perylene-d12	96		70 - 130
Triphenylphosphate	106		70 - 130

Lab Sample ID: MRL 380-145789/22-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0975	0.111		ug/L		114	50 - 150
2,4'-DDD	0.0975	0.0907	J	ug/L		93	50 - 150
2,4'-DDE	0.0975	0.101		ug/L		103	50 - 150
2,4'-DDT	0.0975	0.100		ug/L		103	50 - 150
2,4-Dinitrotoluene	0.0975	0.0967	J	ug/L		99	50 - 150
2,6-Dinitrotoluene	0.0975	0.115		ug/L		118	50 - 150
2-Methylnaphthalene	0.0975	0.109		ug/L		112	50 - 150
4,4'-DDD	0.0975	0.112		ug/L		115	50 - 150
4,4'-DDE	0.0975	0.0927	J	ug/L		95	50 - 150
4,4'-DDT	0.0975	0.105		ug/L		107	50 - 150
Acenaphthene	0.0975	0.103		ug/L		106	50 - 150
Acenaphthylene	0.0975	0.0936	J	ug/L		96	50 - 150
Acetochlor	0.0975	0.110		ug/L		113	50 - 150
Alachlor	0.0488	0.0541		ug/L		111	50 - 150
alpha-BHC	0.0975	0.107		ug/L		110	50 - 150
alpha-Chlordane	0.0244	<0.028		ug/L		96	50 - 150
Anthracene	0.0195	0.0213		ug/L		109	50 - 150
Atrazine	0.0488	0.0562		ug/L		115	50 - 150
Benz(a)anthracene	0.0488	0.0549		ug/L		113	50 - 150
Benzo[a]pyrene	0.0195	0.0225		ug/L		115	50 - 150
Benzo[b]fluoranthene	0.0195	0.0206		ug/L		105	50 - 150
Benzo[g,h,i]perylene	0.0488	0.0499		ug/L		102	50 - 150
Benzo[k]fluoranthene	0.0195	0.0225		ug/L		116	50 - 150
beta-BHC	0.0975	0.116		ug/L		119	50 - 150
Bis(2-ethylhexyl) phthalate	0.585	0.609		ug/L		104	50 - 150
Bromacil	0.0975	0.115		ug/L		117	50 - 150
Butachlor	0.0488	0.0591		ug/L		121	50 - 150
Butylbenzylphthalate	0.488	0.549		ug/L		113	50 - 150
Chlorobenzilate	0.0975	0.105		ug/L		108	50 - 150
Chloroneb	0.0975	0.111		ug/L		114	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0975	0.0898	J	ug/L		92	50 - 150
Chlorpyrifos	0.0488	0.0516		ug/L		106	50 - 150
Chrysene	0.0195	0.0221		ug/L		113	50 - 150
delta-BHC	0.0975	0.104		ug/L		107	50 - 150
Di(2-ethylhexyl)adipate	0.585	0.636		ug/L		109	50 - 150
Dibenz(a,h)anthracene	0.0488	0.0499		ug/L		102	50 - 150
Diclorvos (DDVP)	0.0488	0.0587		ug/L		120	50 - 150
Dieldrin	0.00975	0.00889	J	ug/L		91	50 - 150
Diethylphthalate	0.488	0.557		ug/L		114	50 - 150

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

Lab Sample ID: MRL 380-145789/22-A
Matrix: Water
Analysis Batch: 145979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Dimethylphthalate	0.488	0.538		ug/L		110	50 - 150
Di-n-butyl phthalate	0.488	0.557	J	ug/L		114	49 - 243
Di-n-octyl phthalate	0.0975	0.0971	J	ug/L		100	50 - 150
Endosulfan I (Alpha)	0.0975	0.102		ug/L		104	50 - 150
Endosulfan II (Beta)	0.0975	0.0968	J	ug/L		99	50 - 150
Endosulfan sulfate	0.0975	0.0950	J	ug/L		97	50 - 150
Endrin	0.00975	0.0105		ug/L		107	50 - 150
Endrin aldehyde	0.0975	0.0867	J	ug/L		89	50 - 150
EPTC	0.0975	0.104		ug/L		106	50 - 150
Fluoranthene	0.0975	0.104		ug/L		107	50 - 150
Fluorene	0.0488	0.0547		ug/L		112	50 - 150
gamma-Chlordane	0.0244	0.0235	J	ug/L		96	50 - 150
Heptachlor	0.00975	0.00892	J	ug/L		92	50 - 150
Heptachlor epoxide (isomer B)	0.00975	0.0101		ug/L		103	50 - 150
Hexachlorobenzene	0.0488	0.0472	J	ug/L		97	50 - 150
Hexachlorocyclopentadiene	0.0488	0.0431	J	ug/L		88	50 - 150
Indeno[1,2,3-cd]pyrene	0.0488	0.0591		ug/L		121	50 - 150
Isophorone	0.0975	0.119		ug/L		122	50 - 150
Lindane	0.00975	0.0112		ug/L		115	50 - 150
Malathion	0.0975	0.101		ug/L		104	50 - 150
Methoxychlor	0.0488	0.0510		ug/L		105	50 - 150
Metolachlor	0.0488	0.0565		ug/L		116	50 - 150
Molinate	0.0975	0.105		ug/L		108	50 - 150
Naphthalene	0.0975	0.103		ug/L		106	50 - 150
Parathion	0.0975	0.0843	J	ug/L		87	50 - 150
Pendimethalin (Penoxaline)	0.0975	0.0859	J	ug/L		88	50 - 150
Phenanthrene	0.0390	0.0464		ug/L		119	50 - 150
Propachlor	0.0488	0.0540		ug/L		111	50 - 150
Pyrene	0.0488	0.0553		ug/L		113	50 - 150
Simazine	0.0488	0.0539		ug/L		111	50 - 150
Terbacil	0.0975	0.115		ug/L		118	50 - 150
Terbuthylazine	0.0975	0.114		ug/L		117	50 - 150
Thiobencarb	0.0975	0.105		ug/L		108	50 - 150
trans-Nonachlor	0.0244	<0.025		ug/L		100	50 - 150
Trifluralin	0.0975	0.0954	J	ug/L		98	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*88*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: 380-143838-1 MS
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.097		1.97	2.02		ug/L		102	70 - 130
2,4'-DDD	<0.097		1.97	2.20		ug/L		112	70 - 130

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

Lab Sample ID: 380-143838-1 MS
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDE	<0.097		1.97	2.18		ug/L		111	70 - 130
2,4'-DDT	<0.097		1.97	2.05		ug/L		104	70 - 130
2,4-Dinitrotoluene	<0.097		1.97	2.06		ug/L		105	70 - 130
2,6-Dinitrotoluene	<0.097		1.97	2.06		ug/L		105	70 - 130
2-Methylnaphthalene	<0.097		1.97	2.04		ug/L		103	70 - 130
4,4'-DDD	<0.097		1.97	2.17		ug/L		110	70 - 130
4,4'-DDE	<0.097		1.97	2.17		ug/L		111	70 - 130
4,4'-DDT	<0.097		1.97	2.06		ug/L		105	70 - 130
Acenaphthene	<0.097		1.97	2.04		ug/L		104	70 - 130
Acenaphthylene	<0.097		1.97	2.06		ug/L		104	70 - 130
Acetochlor	<0.097		1.97	2.27		ug/L		116	70 - 130
Alachlor	<0.049		1.97	2.33		ug/L		118	70 - 130
alpha-BHC	<0.097		1.97	2.13		ug/L		108	70 - 130
alpha-Chlordane	<0.049		1.97	2.27		ug/L		115	70 - 130
Anthracene	<0.019		1.97	1.49		ug/L		76	70 - 130
Atrazine	<0.049		1.97	2.33		ug/L		118	70 - 130
Benz(a)anthracene	<0.049		1.97	2.01		ug/L		102	70 - 130
Benzo[a]pyrene	<0.019		1.97	1.87		ug/L		95	70 - 130
Benzo[b]fluoranthene	<0.019		1.97	2.43		ug/L		124	70 - 130
Benzo[g,h,i]perylene	<0.049		1.97	2.09		ug/L		106	70 - 130
Benzo[k]fluoranthene	<0.019		1.97	2.01		ug/L		102	70 - 130
beta-BHC	<0.097		1.97	2.22		ug/L		113	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.97	2.09		ug/L		106	70 - 130
Bromacil	<0.097		1.97	2.23		ug/L		113	70 - 130
Butachlor	<0.049		1.97	2.36		ug/L		120	70 - 130
Butylbenzylphthalate	<0.49		1.97	2.29		ug/L		116	70 - 130
Chlorobenzilate	<0.097		1.97	2.28		ug/L		116	70 - 130
Chloroneb	<0.097		1.97	2.05		ug/L		104	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.97	2.28		ug/L		116	70 - 130
Chlorpyrifos	<0.049		1.97	2.26		ug/L		115	70 - 130
Chrysene	<0.019		1.97	2.10		ug/L		107	70 - 130
delta-BHC	<0.097		1.97	2.15		ug/L		109	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.97	2.26		ug/L		111	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	2.21		ug/L		113	70 - 130
Diclorvos (DDVP)	<0.049		1.97	2.07		ug/L		105	70 - 130
Dieldrin	<0.0097		1.97	2.16		ug/L		110	70 - 130
Diethylphthalate	<0.49		1.97	2.22		ug/L		113	70 - 130
Dimethylphthalate	<0.49		1.97	2.21		ug/L		112	70 - 130
Di-n-butyl phthalate	<0.97		3.94	4.23		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.097		1.97	2.08		ug/L		106	70 - 130
Endosulfan I (Alpha)	<0.097		1.97	2.16		ug/L		110	70 - 130
Endosulfan II (Beta)	<0.097		1.97	2.23		ug/L		114	70 - 130
Endosulfan sulfate	<0.097		1.97	2.27		ug/L		115	70 - 130
Endrin	<0.0097		1.97	2.21		ug/L		112	70 - 130
Endrin aldehyde	<0.097		1.97	1.98		ug/L		100	60 - 130
EPTC	<0.097		1.97	2.14		ug/L		109	70 - 130
Fluoranthene	<0.097		1.97	2.26		ug/L		115	70 - 130
Fluorene	<0.049		1.97	2.13		ug/L		108	70 - 130
gamma-Chlordane	<0.049		1.97	2.21		ug/L		112	70 - 130

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

Lab Sample ID: 380-143838-1 MS
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	<0.0097		1.97	2.12		ug/L		108	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.97	2.22		ug/L		113	70 - 130
Hexachlorobenzene	<0.049		1.97	2.04		ug/L		104	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	1.88		ug/L		96	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.13		ug/L		108	70 - 130
Isophorone	<0.097		1.97	2.09		ug/L		106	70 - 130
Lindane	<0.0097		1.97	2.10		ug/L		107	70 - 130
Malathion	<0.097		1.97	2.36		ug/L		120	70 - 130
Methoxychlor	<0.049		1.97	2.14		ug/L		109	70 - 130
Metolachlor	<0.049		1.97	2.41		ug/L		123	70 - 130
Molinate	<0.097		1.97	2.15		ug/L		109	70 - 130
Naphthalene	<0.097		1.97	1.91		ug/L		97	70 - 130
Parathion	<0.097		1.97	2.21		ug/L		112	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.97	2.09		ug/L		106	70 - 130
Phenanthrene	<0.039		1.97	2.00		ug/L		102	70 - 130
Propachlor	<0.049		1.97	2.27		ug/L		115	70 - 130
Pyrene	<0.049		1.97	2.29		ug/L		117	70 - 130
Simazine	<0.049		1.97	2.33		ug/L		119	70 - 130
Terbacil	<0.097		1.97	2.23		ug/L		113	70 - 130
Terbuthylazine	<0.097		1.97	2.33		ug/L		119	70 - 130
Thiobencarb	<0.097		1.97	2.31		ug/L		117	70 - 130
trans-Nonachlor	<0.049		1.97	2.18		ug/L		111	70 - 130
Trifluralin	<0.097		1.97	2.04		ug/L		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

Lab Sample ID: 380-143838-1 MSD
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.097		1.95	2.00		ug/L		102	70 - 130	1	20
2,4'-DDD	<0.097		1.95	2.17		ug/L		111	70 - 130	2	20
2,4'-DDE	<0.097		1.95	2.17		ug/L		111	70 - 130	1	20
2,4'-DDT	<0.097		1.95	2.05		ug/L		105	70 - 130	0	20
2,4-Dinitrotoluene	<0.097		1.95	2.06		ug/L		106	70 - 130	0	20
2,6-Dinitrotoluene	<0.097		1.95	2.04		ug/L		105	70 - 130	1	20
2-Methylnaphthalene	<0.097		1.95	2.02		ug/L		103	70 - 130	1	20
4,4'-DDD	<0.097		1.95	2.14		ug/L		110	70 - 130	1	20
4,4'-DDE	<0.097		1.95	2.18		ug/L		112	70 - 130	0	20
4,4'-DDT	<0.097		1.95	2.03		ug/L		104	70 - 130	1	20
Acenaphthene	<0.097		1.95	2.04		ug/L		104	70 - 130	0	20
Acenaphthylene	<0.097		1.95	2.06		ug/L		105	70 - 130	0	20
Acetochlor	<0.097		1.95	2.35		ug/L		120	70 - 130	3	20
Alachlor	<0.049		1.95	2.33		ug/L		119	70 - 130	0	20

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

Lab Sample ID: 380-143838-1 MSD
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC	<0.097		1.95	2.14		ug/L		110	70 - 130	1	20
alpha-Chlordane	<0.049		1.95	2.26		ug/L		116	70 - 130	0	20
Anthracene	<0.019		1.95	1.53		ug/L		78	70 - 130	3	20
Atrazine	<0.049		1.95	2.32		ug/L		119	70 - 130	0	20
Benz(a)anthracene	<0.049		1.95	1.99		ug/L		102	70 - 130	1	20
Benzo[a]pyrene	<0.019		1.95	1.90		ug/L		97	70 - 130	2	20
Benzo[b]fluoranthene	<0.019		1.95	2.40		ug/L		123	70 - 130	1	20
Benzo[g,h,i]perylene	<0.049		1.95	2.10		ug/L		107	70 - 130	0	20
Benzo[k]fluoranthene	<0.019		1.95	2.02		ug/L		103	70 - 130	0	20
beta-BHC	<0.097		1.95	2.25		ug/L		115	70 - 130	1	20
Bis(2-ethylhexyl) phthalate	<0.58		1.95	2.12		ug/L		109	70 - 130	1	20
Bromacil	<0.097		1.95	2.20		ug/L		112	70 - 130	1	20
Butachlor	<0.049		1.95	2.36		ug/L		121	70 - 130	0	20
Butylbenzylphthalate	<0.49		1.95	2.29		ug/L		117	70 - 130	0	20
Chlorobenzilate	<0.097		1.95	2.25		ug/L		115	70 - 130	1	20
Chloroneb	<0.097		1.95	2.07		ug/L		106	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	<0.097		1.95	2.23		ug/L		114	70 - 130	2	20
Chlorpyrifos	<0.049		1.95	2.27		ug/L		116	70 - 130	0	20
Chrysene	<0.019		1.95	2.07		ug/L		106	70 - 130	2	20
delta-BHC	<0.097		1.95	2.15		ug/L		110	70 - 130	0	20
Di(2-ethylhexyl)adipate	<0.58		1.95	2.27		ug/L		113	70 - 130	0	20
Dibenz(a,h)anthracene	<0.049		1.95	2.22		ug/L		114	70 - 130	0	20
Diclorvos (DDVP)	<0.049		1.95	2.06		ug/L		106	70 - 130	1	20
Dieldrin	<0.0097		1.95	2.17		ug/L		111	70 - 130	0	20
Diethylphthalate	<0.49		1.95	2.25		ug/L		115	70 - 130	1	20
Dimethylphthalate	<0.49		1.95	2.17		ug/L		111	70 - 130	2	20
Di-n-butyl phthalate	<0.97		3.91	4.23		ug/L		108	70 - 130	0	20
Di-n-octyl phthalate	<0.097		1.95	2.09		ug/L		107	70 - 130	0	20
Endosulfan I (Alpha)	<0.097		1.95	2.16		ug/L		111	70 - 130	0	20
Endosulfan II (Beta)	<0.097		1.95	2.25		ug/L		115	70 - 130	1	20
Endosulfan sulfate	<0.097		1.95	2.22		ug/L		114	70 - 130	2	20
Endrin	<0.0097		1.95	2.19		ug/L		112	70 - 130	1	20
Endrin aldehyde	<0.097		1.95	1.92		ug/L		98	60 - 130	3	20
EPTC	<0.097		1.95	2.15		ug/L		110	70 - 130	1	20
Fluoranthene	<0.097		1.95	2.22		ug/L		114	70 - 130	2	20
Fluorene	<0.049		1.95	2.16		ug/L		111	70 - 130	2	20
gamma-Chlordane	<0.049		1.95	2.20		ug/L		113	70 - 130	0	20
Heptachlor	<0.0097		1.95	2.15		ug/L		110	70 - 130	1	20
Heptachlor epoxide (isomer B)	<0.0097		1.95	2.20		ug/L		113	70 - 130	1	20
Hexachlorobenzene	<0.049		1.95	2.07		ug/L		106	70 - 130	1	20
Hexachlorocyclopentadiene	<0.049		1.95	1.91		ug/L		98	70 - 130	2	20
Indeno[1,2,3-cd]pyrene	<0.049		1.95	2.14		ug/L		110	70 - 130	1	20
Isophorone	<0.097		1.95	2.06		ug/L		105	70 - 130	1	20
Lindane	<0.0097		1.95	2.11		ug/L		108	70 - 130	1	20
Malathion	<0.097		1.95	2.35		ug/L		120	70 - 130	0	20
Methoxychlor	<0.049		1.95	2.13		ug/L		109	70 - 130	0	20
Metolachlor	<0.049		1.95	2.39		ug/L		122	70 - 130	1	20
Molinate	<0.097		1.95	2.14		ug/L		109	70 - 130	1	20
Naphthalene	<0.097		1.95	1.90		ug/L		97	70 - 130	1	20

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

Lab Sample ID: 380-143838-1 MSD
Matrix: Drinking Water
Analysis Batch: 145979

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 145789

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Parathion	<0.097		1.95	2.23		ug/L		114	70 - 130	1	20
Pendimethalin (Penoxaline)	<0.097		1.95	2.11		ug/L		108	70 - 130	1	20
Phenanthrene	<0.039		1.95	1.97		ug/L		101	70 - 130	2	20
Propachlor	<0.049		1.95	2.28		ug/L		117	70 - 130	1	20
Pyrene	<0.049		1.95	2.26		ug/L		116	70 - 130	2	20
Simazine	<0.049		1.95	2.36		ug/L		121	70 - 130	1	20
Terbacil	<0.097		1.95	2.15		ug/L		110	70 - 130	3	20
Terbuthylazine	<0.097		1.95	2.35		ug/L		120	70 - 130	1	20
Thiobencarb	<0.097		1.95	2.28		ug/L		117	70 - 130	1	20
trans-Nonachlor	<0.049		1.95	2.18		ug/L		112	70 - 130	0	20
Trifluralin	<0.097		1.95	2.07		ug/L		106	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

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

Lab Sample ID: MB 570-553677/1-A
Matrix: Water
Analysis Batch: 558159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553677

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*	*04/04/25 09:08*	*04/15/25 11:33*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*33 - 139*	*04/04/25 09:08*	*04/15/25 11:33*	*1*
2-Fluorobiphenyl (Surr)	*113*		*33 - 126*	*04/04/25 09:08*	*04/15/25 11:33*	*1*
2-Fluorophenol (Surr)	*68*		*12 - 120*	*04/04/25 09:08*	*04/15/25 11:33*	*1*
Nitrobenzene-d5 (Surr)	*120*		*36 - 120*	*04/04/25 09:08*	*04/15/25 11:33*	*1*
Phenol-d6 (Surr)	*39*		*10 - 120*	*04/04/25 09:08*	*04/15/25 11:33*	*1*
p-Terphenyl-d14 (Surr)	*115*		*47 - 131*	*04/04/25 09:08*	*04/15/25 11:33*	*1*

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

Lab Sample ID: MB 570-553677/1-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553677

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
2,4,5-Trichlorophenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2,4,6-Trichlorophenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2,4-Dichlorophenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2,4-Dinitrophenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2,6-Dichlorophenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2-Chloronaphthalene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1

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

Lab Sample ID: MB 570-553677/1-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553677

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
2-Methylphenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2-Nitroaniline	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
2-Nitrophenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
3/4-Methylphenol	<2.0		2.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
3-Nitroaniline	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
4,6-Dinitro-2-methylphenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Chloro-3-methylphenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Chloroaniline	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Nitroaniline	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
4-Nitrophenol	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
Acenaphthene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Acenaphthylene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Aniline	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Anthracene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzidine	<5.0		5.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzoic acid	<10		10		ug/L		04/04/25 09:08	04/10/25 16:13	1
Benzyl alcohol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Chrysene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Dibenzofuran	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Fluoranthene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Fluorene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Hexachloroethane	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Naphthalene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Nitrobenzene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Pentachlorophenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
Phenanthrene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1
Phenol	<1.0		1.0		ug/L		04/04/25 09:08	04/10/25 16:13	1
Pyrene	<0.20		0.20		ug/L		04/04/25 09:08	04/10/25 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*108*		*28 - 127*	*04/04/25 09:08*	*04/10/25 16:13*	*1*
2-Fluorobiphenyl (Surr)	*94*		*31 - 120*	*04/04/25 09:08*	*04/10/25 16:13*	*1*

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

Lab Sample ID: MB 570-553677/1-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 553677

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	65		17 - 120	04/04/25 09:08	04/10/25 16:13	1
Nitrobenzene-d5 (Surr)	100		27 - 120	04/04/25 09:08	04/10/25 16:13	1
Phenol-d6 (Surr)	43		10 - 120	04/04/25 09:08	04/10/25 16:13	1
p-Terphenyl-d14 (Surr)	105		45 - 120	04/04/25 09:08	04/10/25 16:13	1

Lab Sample ID: LCS 570-553677/2-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553677

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	16.4		ug/L		82	47 - 120
2,4,5-Trichlorophenol	20.0	19.5		ug/L		98	57 - 120
2,4,6-Trichlorophenol	20.0	19.6		ug/L		98	52 - 129
2,4-Dichlorophenol	20.0	17.5		ug/L		88	53 - 122
2,4-Dinitrophenol	20.0	21.6		ug/L		108	1 - 173
2,6-Dichlorophenol	20.0	17.3		ug/L		86	50 - 120
2-Chloronaphthalene	20.0	19.1		ug/L		96	65 - 120
2-Chlorophenol	20.0	20.3		ug/L		102	36 - 120
2-Methylnaphthalene	20.0	18.5		ug/L		93	43 - 120
2-Methylphenol	20.0	19.6		ug/L		98	46 - 120
2-Nitroaniline	20.0	19.3		ug/L		96	51 - 125
2-Nitrophenol	20.0	15.6		ug/L		78	45 - 167
3/4-Methylphenol	40.0	37.4		ug/L		93	29 - 120
3-Nitroaniline	20.0	21.0		ug/L		105	62 - 129
4,6-Dinitro-2-methylphenol	20.0	22.3		ug/L		111	53 - 130
4-Bromophenyl phenyl ether	20.0	20.0		ug/L		100	65 - 120
4-Chloro-3-methylphenol	20.0	18.7		ug/L		93	41 - 128
4-Chloroaniline	20.0	13.7		ug/L		68	51 - 120
4-Chlorophenyl phenyl ether	20.0	20.2		ug/L		101	38 - 145
4-Nitroaniline	20.0	21.3		ug/L		106	64 - 129
4-Nitrophenol	20.0	9.92		ug/L		50	13 - 129
Acenaphthene	20.0	19.2		ug/L		96	60 - 132
Acenaphthylene	20.0	18.6		ug/L		93	54 - 126
Aniline	20.0	11.7		ug/L		59	52 - 121
Anthracene	20.0	20.7		ug/L		104	43 - 120
Benzidine	20.0	<0.94	*-	ug/L		0.7	20 - 164
Benzo[a]anthracene	20.0	20.0		ug/L		100	42 - 133
Benzo[a]pyrene	20.0	20.6		ug/L		103	32 - 148
Benzo[b]fluoranthene	20.0	21.4		ug/L		107	42 - 140
Benzo[g,h,i]perylene	20.0	21.7		ug/L		108	1 - 195
Benzo[k]fluoranthene	20.0	20.4		ug/L		102	25 - 146
Benzoic acid	20.0	9.84	J	ug/L		49	20 - 120
Benzyl alcohol	20.0	20.2		ug/L		101	44 - 122
Bis(2-chloroethoxy)methane	20.0	17.2		ug/L		86	49 - 165
Bis(2-chloroethyl)ether	20.0	19.9		ug/L		99	43 - 126
bis (2-Chloroisopropyl) ether	20.0	19.8		ug/L		99	63 - 139
Chrysene	20.0	19.3		ug/L		97	44 - 140
Dibenz(a,h)anthracene	20.0	21.8		ug/L		109	1 - 200

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

Lab Sample ID: LCS 570-553677/2-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 553677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Dibenzofuran			20.0	20.0		ug/L		100	48 - 120		
Fluoranthene			20.0	22.5		ug/L		113	43 - 121		
Fluorene			20.0	20.1		ug/L		100	70 - 120		
Hexachloroethane			20.0	15.7		ug/L		79	55 - 120		
Indeno[1,2,3-cd]pyrene			20.0	22.3		ug/L		112	1 - 151		
Naphthalene			20.0	15.6		ug/L		78	36 - 120		
Nitrobenzene			20.0	15.7		ug/L		79	54 - 158		
N-Nitrosodi-n-propylamine			20.0	20.5		ug/L		102	14 - 198		
N-Nitrosodiphenylamine			20.0	23.6		ug/L		118	65 - 133		
Pentachlorophenol			20.0	22.3		ug/L		112	38 - 152		
Phenanthrene			20.0	20.4		ug/L		102	65 - 120		
Phenol			20.0	10.3		ug/L		51	17 - 120		
Pyrene			20.0	19.7		ug/L		98	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*28 - 127*
2-Fluorobiphenyl (Surr)	*98*		*31 - 120*
2-Fluorophenol (Surr)	*70*		*17 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d6 (Surr)	*48*		*10 - 120*
p-Terphenyl-d14 (Surr)	*104*		*45 - 120*

Lab Sample ID: LCSD 570-553677/3-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 553677

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	17.0		ug/L		85	47 - 120	4	20
2,4,5-Trichlorophenol			20.0	21.2		ug/L		106	57 - 120	8	20
2,4,6-Trichlorophenol			20.0	20.9		ug/L		105	52 - 129	7	35
2,4-Dichlorophenol			20.0	18.3		ug/L		91	53 - 122	4	30
2,4-Dinitrophenol			20.0	23.5		ug/L		118	1 - 173	9	79
2,6-Dichlorophenol			20.0	18.5		ug/L		93	50 - 120	7	20
2-Chloronaphthalene			20.0	20.5		ug/L		102	65 - 120	7	15
2-Chlorophenol			20.0	21.8		ug/L		109	36 - 120	7	37
2-Methylnaphthalene			20.0	19.7		ug/L		99	43 - 120	6	20
2-Methylphenol			20.0	20.6		ug/L		103	46 - 120	5	20
2-Nitroaniline			20.0	20.9		ug/L		105	51 - 125	8	20
2-Nitrophenol			20.0	17.5		ug/L		88	45 - 167	12	33
3/4-Methylphenol			40.0	38.5		ug/L		96	29 - 120	3	20
3-Nitroaniline			20.0	23.3		ug/L		116	62 - 129	10	20
4,6-Dinitro-2-methylphenol			20.0	23.7		ug/L		119	53 - 130	6	122
4-Bromophenyl phenyl ether			20.0	20.7		ug/L		104	65 - 120	3	26
4-Chloro-3-methylphenol			20.0	19.0		ug/L		95	41 - 128	2	44
4-Chloroaniline			20.0	15.7		ug/L		79	51 - 120	14	20
4-Chlorophenyl phenyl ether			20.0	21.7		ug/L		109	38 - 145	7	36
4-Nitroaniline			20.0	23.7		ug/L		118	64 - 129	11	20
4-Nitrophenol			20.0	11.3		ug/L		56	13 - 129	13	79

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

Lab Sample ID: LCSD 570-553677/3-A
Matrix: Water
Analysis Batch: 556409

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 553677

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			20.0	20.5		ug/L		102	60 - 132	6	29
Acenaphthylene			20.0	19.7		ug/L		99	54 - 126	6	45
Aniline			20.0	14.4		ug/L		72	52 - 121	20	21
Anthracene			20.0	22.3		ug/L		112	43 - 120	7	40
Benzidine			20.0	<0.94	*-	ug/L		0.8	20 - 164	16	30
Benzo[a]anthracene			20.0	21.4		ug/L		107	42 - 133	7	32
Benzo[a]pyrene			20.0	21.9		ug/L		109	32 - 148	6	43
Benzo[b]fluoranthene			20.0	22.9		ug/L		114	42 - 140	7	43
Benzo[g,h,i]perylene			20.0	22.4		ug/L		112	1 - 195	3	61
Benzo[k]fluoranthene			20.0	21.6		ug/L		108	25 - 146	6	38
Benzoic acid			20.0	8.85	J	ug/L		44	20 - 120	11	30
Benzyl alcohol			20.0	21.4		ug/L		107	44 - 122	6	20
Bis(2-chloroethoxy)methane			20.0	18.4		ug/L		92	49 - 165	7	32
Bis(2-chloroethyl)ether			20.0	21.7		ug/L		109	43 - 126	9	65
bis (2-Chloroisopropyl) ether			20.0	20.7		ug/L		104	63 - 139	5	46
Chrysene			20.0	20.7		ug/L		103	44 - 140	7	53
Dibenz(a,h)anthracene			20.0	23.8		ug/L		119	1 - 200	9	75
Dibenzofuran			20.0	21.4		ug/L		107	48 - 120	7	20
Fluoranthene			20.0	24.4	*+	ug/L		122	43 - 121	8	40
Fluorene			20.0	21.5		ug/L		108	70 - 120	7	23
Hexachloroethane			20.0	17.2		ug/L		86	55 - 120	9	32
Indeno[1,2,3-cd]pyrene			20.0	23.9		ug/L		119	1 - 151	7	60
Naphthalene			20.0	16.9		ug/L		85	36 - 120	8	39
Nitrobenzene			20.0	17.2		ug/L		86	54 - 158	9	37
N-Nitrosodi-n-propylamine			20.0	20.9		ug/L		104	14 - 198	2	52
N-Nitrosodiphenylamine			20.0	24.8		ug/L		124	65 - 133	5	20
Pentachlorophenol			20.0	23.7		ug/L		119	38 - 152	6	52
Phenanthrene			20.0	22.2		ug/L		111	65 - 120	8	24
Phenol			20.0	11.2		ug/L		56	17 - 120	8	39
Pyrene			20.0	20.1		ug/L		101	70 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*28 - 127*
2-Fluorobiphenyl (Surr)	*104*		*31 - 120*
2-Fluorophenol (Surr)	*75*		*17 - 120*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*
Phenol-d6 (Surr)	*53*		*10 - 120*
p-Terphenyl-d14 (Surr)	*109*		*45 - 120*

Lab Sample ID: 380-143376-A-3-A MS
Matrix: Water
Analysis Batch: 557358

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 553677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.2	15.1		ug/L		79	36 - 120
2,4,5-Trichlorophenol	<4.8		19.2	20.1		ug/L		105	21 - 145
2,4,6-Trichlorophenol	<0.95		19.2	19.5		ug/L		102	37 - 144
2,4-Dichlorophenol	<0.95		19.2	17.5		ug/L		91	39 - 135

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

Lab Sample ID: 380-143376-A-3-A MS
Matrix: Water
Analysis Batch: 557358

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 553677

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrophenol	<4.8		19.2	18.6		ug/L		97	1 - 191
2,6-Dichlorophenol	<4.8		19.2	17.1		ug/L		89	24 - 134
2-Chloronaphthalene	<0.19		19.2	19.1		ug/L		99	60 - 120
2-Chlorophenol	<0.19		19.2	18.6		ug/L		97	23 - 143
2-Methylnaphthalene	<0.19		19.2	16.8		ug/L		87	32 - 124
2-Methylphenol	<0.95		19.2	16.9		ug/L		88	10 - 135
2-Nitroaniline	<4.8		19.2	17.7		ug/L		92	10 - 147
2-Nitrophenol	<4.8		19.2	15.1		ug/L		78	29 - 182
3/4-Methylphenol	<1.9		38.4	31.4		ug/L		82	10 - 118
3-Nitroaniline	<4.8		19.2	19.1		ug/L		99	10 - 153
4,6-Dinitro-2-methylphenol	<4.8		19.2	21.6		ug/L		113	1 - 181
4-Bromophenyl phenyl ether	<0.19		19.2	19.3		ug/L		101	53 - 127
4-Chloro-3-methylphenol	<0.95		19.2	16.2		ug/L		84	22 - 147
4-Chloroaniline	<4.8		19.2	14.3		ug/L		75	10 - 131
4-Chlorophenyl phenyl ether	<0.19		19.2	19.5		ug/L		101	25 - 158
4-Nitroaniline	<4.8		19.2	19.8		ug/L		103	10 - 180
4-Nitrophenol	<4.8		19.2	9.37		ug/L		49	1 - 132
Acenaphthene	<0.19		19.2	18.7		ug/L		98	47 - 145
Acenaphthylene	<0.19		19.2	17.5		ug/L		91	33 - 145
Aniline	<0.19		19.2	11.7		ug/L		61	10 - 113
Anthracene	<0.19		19.2	20.9		ug/L		109	27 - 133
Benzidine	<4.8	*- F1 F2	19.2	<4.8	F1	ug/L		6	10 - 57
Benzo[a]anthracene	<0.19		19.2	20.3		ug/L		106	33 - 143
Benzo[a]pyrene	<0.19		19.2	20.9		ug/L		109	17 - 163
Benzo[b]fluoranthene	<0.19		19.2	21.1		ug/L		110	24 - 159
Benzo[g,h,i]perylene	<0.19		19.2	19.4		ug/L		101	1 - 219
Benzo[k]fluoranthene	<0.19		19.2	20.4		ug/L		106	11 - 162
Benzoic acid	<9.5	F2	19.2	<9.6		ug/L		36	10 - 97
Benzyl alcohol	<0.95		19.2	16.6		ug/L		86	10 - 122
Bis(2-chloroethoxy)methane	<0.19		19.2	16.0		ug/L		84	33 - 184
Bis(2-chloroethyl)ether	<0.19		19.2	17.9		ug/L		93	12 - 158
bis (2-Chloroisopropyl) ether	<0.19		19.2	17.2		ug/L		90	36 - 166
Chrysene	<0.19		19.2	20.1		ug/L		105	17 - 168
Dibenz(a,h)anthracene	<0.19		19.2	19.1		ug/L		99	1 - 227
Dibenzofuran	<0.19		19.2	19.5		ug/L		102	42 - 111
Fluoranthene	<0.19	*+	19.2	22.8		ug/L		119	26 - 137
Fluorene	<0.19		19.2	18.7		ug/L		97	59 - 121
Hexachloroethane	<0.19		19.2	14.7		ug/L		77	40 - 120
Indeno[1,2,3-cd]pyrene	<0.19		19.2	20.1		ug/L		105	1 - 171
Naphthalene	<0.19		19.2	14.8		ug/L		77	21 - 133
Nitrobenzene	<0.19		19.2	15.1		ug/L		79	35 - 180
N-Nitrosodi-n-propylamine	<0.19		19.2	17.0		ug/L		89	1 - 230
N-Nitrosodiphenylamine	<0.19		19.2	23.8		ug/L		124	10 - 179
Pentachlorophenol	<0.95		19.2	22.3		ug/L		116	14 - 176
Phenanthrene	<0.19		19.2	20.4		ug/L		106	54 - 120
Phenol	<0.95		19.2	8.97		ug/L		47	5 - 120
Pyrene	<0.19		19.2	21.1		ug/L		110	52 - 120

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

Lab Sample ID: 380-143376-A-3-A MS
Matrix: Water
Analysis Batch: 557358

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 553677

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*112*		*28 - 127*
2-Fluorobiphenyl (Surr)	*96*		*31 - 120*
2-Fluorophenol (Surr)	*64*		*17 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol d6 (Surr)	*43*		*10 - 120*
p-Terphenyl-d14 (Surr)	*105*		*45 - 120*

Lab Sample ID: 380-143376-A-3-B MSD
Matrix: Water
Analysis Batch: 557358

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 553677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.1	15.5		ug/L		81	36 - 120	2	30
2,4,5-Trichlorophenol	<4.8		19.1	19.7		ug/L		103	21 - 145	2	30
2,4,6-Trichlorophenol	<0.95		19.1	19.7		ug/L		103	37 - 144	1	58
2,4-Dichlorophenol	<0.95		19.1	17.8		ug/L		93	39 - 135	2	50
2,4-Dinitrophenol	<4.8		19.1	17.7		ug/L		93	1 - 191	5	132
2,6-Dichlorophenol	<4.8		19.1	17.5		ug/L		92	24 - 134	3	30
2-Chloronaphthalene	<0.19		19.1	20.0		ug/L		104	60 - 120	4	24
2-Chlorophenol	<0.19		19.1	19.6		ug/L		102	23 - 143	5	61
2-Methylnaphthalene	<0.19		19.1	17.3		ug/L		91	32 - 124	3	30
2-Methylphenol	<0.95		19.1	17.7		ug/L		92	10 - 135	4	30
2-Nitroaniline	<4.8		19.1	17.4		ug/L		91	10 - 147	2	30
2-Nitrophenol	<4.8		19.1	15.4		ug/L		81	29 - 182	3	55
3/4-Methylphenol	<1.9		38.2	32.4		ug/L		85	10 - 118	3	30
3-Nitroaniline	<4.8		19.1	18.4		ug/L		96	10 - 153	4	30
4,6-Dinitro-2-methylphenol	<4.8		19.1	20.7		ug/L		108	1 - 181	4	203
4-Bromophenyl phenyl ether	<0.19		19.1	20.0		ug/L		104	53 - 127	3	43
4-Chloro-3-methylphenol	<0.95		19.1	16.2		ug/L		85	22 - 147	0	73
4-Chloroaniline	<4.8		19.1	13.8		ug/L		72	10 - 131	4	30
4-Chlorophenyl phenyl ether	<0.19		19.1	20.0		ug/L		104	25 - 158	2	61
4-Nitroaniline	<4.8		19.1	19.0		ug/L		99	10 - 180	4	30
4-Nitrophenol	<4.8		19.1	8.96		ug/L		47	1 - 132	4	131
Acenaphthene	<0.19		19.1	19.2		ug/L		100	47 - 145	2	48
Acenaphthylene	<0.19		19.1	18.0		ug/L		94	33 - 145	3	74
Aniline	<0.19		19.1	11.5		ug/L		60	10 - 113	2	30
Anthracene	<0.19		19.1	21.0		ug/L		110	27 - 133	1	66
Benzidine	<4.8	*- F1 F2	19.1	<4.8	F1 F2	ug/L		-2	10 - 57	80	30
Benzo[a]anthracene	<0.19		19.1	20.4		ug/L		107	33 - 143	1	53
Benzo[a]pyrene	<0.19		19.1	21.0		ug/L		110	17 - 163	1	72
Benzo[b]fluoranthene	<0.19		19.1	20.7		ug/L		108	24 - 159	2	71
Benzo[g,h,i]perylene	<0.19		19.1	19.7		ug/L		103	1 - 219	1	97
Benzo[k]fluoranthene	<0.19		19.1	20.9		ug/L		109	11 - 162	2	63
Benzoic acid	<9.5	F2	19.1	<9.6	F2	ug/L		20	10 - 97	60	30
Benzyl alcohol	<0.95		19.1	17.1		ug/L		89	10 - 122	3	30
Bis(2-chloroethoxy)methane	<0.19		19.1	16.7		ug/L		87	33 - 184	4	54
Bis(2-chloroethyl)ether	<0.19		19.1	19.4		ug/L		101	12 - 158	8	108
bis (2-Chloroisopropyl) ether	<0.19		19.1	18.5		ug/L		97	36 - 166	8	76

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

Lab Sample ID: 380-143376-A-3-B MSD
Matrix: Water
Analysis Batch: 557358

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 553677

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chrysene	<0.19		19.1	20.3		ug/L		106	17 - 168	1	87
Dibenz(a,h)anthracene	<0.19		19.1	19.3		ug/L		101	1 - 227	1	126
Dibenzofuran	<0.19		19.1	19.9		ug/L		104	42 - 111	2	30
Fluoranthene	<0.19	*+	19.1	22.7		ug/L		119	26 - 137	0	66
Fluorene	<0.19		19.1	19.1		ug/L		100	59 - 121	2	38
Hexachloroethane	<0.19		19.1	16.5		ug/L		87	40 - 120	12	52
Indeno[1,2,3-cd]pyrene	<0.19		19.1	20.6		ug/L		108	1 - 171	3	99
Naphthalene	<0.19		19.1	15.5		ug/L		81	21 - 133	5	65
Nitrobenzene	<0.19		19.1	15.5		ug/L		81	35 - 180	3	62
N-Nitrosodi-n-propylamine	<0.19		19.1	17.9		ug/L		93	1 - 230	5	87
N-Nitrosodiphenylamine	<0.19		19.1	24.3		ug/L		127	10 - 179	2	30
Pentachlorophenol	<0.95		19.1	21.2		ug/L		111	14 - 176	5	86
Phenanthrene	<0.19		19.1	20.6		ug/L		108	54 - 120	1	39
Phenol	<0.95		19.1	9.20		ug/L		48	5 - 120	3	64
Pyrene	<0.19		19.1	21.7		ug/L		113	52 - 120	3	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*113*		*28 - 127*
2-Fluorobiphenyl (Surr)	*101*		*31 - 120*
2-Fluorophenol (Surr)	*69*		*17 - 120*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*
Phenol-d6 (Surr)	*45*		*10 - 120*
p-Terphenyl-d14 (Surr)	*107*		*45 - 120*

Lab Sample ID: MB 570-555182/1-A
Matrix: Water
Analysis Batch: 557573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 555182

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
2,4,5-Trichlorophenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2,4,6-Trichlorophenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2,4-Dichlorophenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2,4-Dinitrophenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2,6-Dichlorophenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Chloronaphthalene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Chlorophenol	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Methylphenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Nitroaniline	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
2-Nitrophenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
3/4-Methylphenol	<2.0		2.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
3-Nitroaniline	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
4,6-Dinitro-2-methylphenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
4-Chloro-3-methylphenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
4-Chloroaniline	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1

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

Lab Sample ID: MB 570-555182/1-A
Matrix: Water
Analysis Batch: 557573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 555182

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4-Nitroaniline	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
4-Nitrophenol	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
Acenaphthene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Acenaphthylene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Aniline	0.366	B	0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Anthracene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzidine	<5.0		5.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzoic acid	<10		10		ug/L		04/08/25 13:10	04/14/25 15:36	1
Benzyl alcohol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Chrysene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Dibenzofuran	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Fluoranthene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Fluorene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Hexachloroethane	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Naphthalene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Nitrobenzene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Pentachlorophenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
Phenanthrene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1
Phenol	<1.0		1.0		ug/L		04/08/25 13:10	04/14/25 15:36	1
Pyrene	<0.20		0.20		ug/L		04/08/25 13:10	04/14/25 15:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*28 - 127*	*04/08/25 13:10*	*04/14/25 15:36*	*1*
2-Fluorobiphenyl (Surr)	*88*		*31 - 120*	*04/08/25 13:10*	*04/14/25 15:36*	*1*
2-Fluorophenol (Surr)	*46*		*17 - 120*	*04/08/25 13:10*	*04/14/25 15:36*	*1*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*	*04/08/25 13:10*	*04/14/25 15:36*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*04/08/25 13:10*	*04/14/25 15:36*	*1*
p-Terphenyl-d14 (Surr)	*94*		*45 - 120*	*04/08/25 13:10*	*04/14/25 15:36*	*1*

Lab Sample ID: LCS 570-555182/2-A
Matrix: Water
Analysis Batch: 558249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 555182

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	15.9		ug/L		79	47 - 120		
2,4,5-Trichlorophenol			20.0	16.9		ug/L		85	57 - 120		

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

Lab Sample ID: LCS 570-555182/2-A
Matrix: Water
Analysis Batch: 558249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 555182

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,6-Trichlorophenol	20.0	16.0		ug/L		80	52 - 129
2,4-Dichlorophenol	20.0	17.3		ug/L		87	53 - 122
2,4-Dinitrophenol	20.0	16.1		ug/L		81	1 - 173
2,6-Dichlorophenol	20.0	17.1		ug/L		86	50 - 120
2-Chloronaphthalene	20.0	16.1		ug/L		81	65 - 120
2-Chlorophenol	20.0	17.2		ug/L		86	36 - 120
2-Methylnaphthalene	20.0	18.0		ug/L		90	43 - 120
2-Methylphenol	20.0	15.2		ug/L		76	46 - 120
2-Nitroaniline	20.0	14.7		ug/L		73	51 - 125
2-Nitrophenol	20.0	15.9		ug/L		79	45 - 167
3/4-Methylphenol	40.0	27.7		ug/L		69	29 - 120
3-Nitroaniline	20.0	4.36	J *-	ug/L		22	62 - 129
4,6-Dinitro-2-methylphenol	20.0	14.3		ug/L		71	53 - 130
4-Bromophenyl phenyl ether	20.0	16.5		ug/L		82	65 - 120
4-Chloro-3-methylphenol	20.0	16.7		ug/L		84	41 - 128
4-Chloroaniline	20.0	1.19	J *-	ug/L		6	51 - 120
4-Chlorophenyl phenyl ether	20.0	16.5		ug/L		82	38 - 145
4-Nitroaniline	20.0	8.36	*-	ug/L		42	64 - 129
4-Nitrophenol	20.0	7.90		ug/L		39	13 - 129
Acenaphthene	20.0	16.2		ug/L		81	60 - 132
Acenaphthylene	20.0	15.2		ug/L		76	54 - 126
Aniline	20.0	0.207	*-	ug/L		1	52 - 121
Anthracene	20.0	16.0		ug/L		80	43 - 120
Benzidine	20.0	<0.94	*-	ug/L		0	20 - 164
Benzo[a]anthracene	20.0	16.6		ug/L		83	42 - 133
Benzo[a]pyrene	20.0	16.4		ug/L		82	32 - 148
Benzo[b]fluoranthene	20.0	17.2		ug/L		86	42 - 140
Benzo[g,h,i]perylene	20.0	17.5		ug/L		87	1 - 195
Benzo[k]fluoranthene	20.0	17.1		ug/L		86	25 - 146
Benzoic acid	20.0	7.77	J	ug/L		39	20 - 120
Benzyl alcohol	20.0	18.3		ug/L		91	44 - 122
Bis(2-chloroethoxy)methane	20.0	16.8		ug/L		84	49 - 165
Bis(2-chloroethyl)ether	20.0	17.1		ug/L		85	43 - 126
bis (2-Chloroisopropyl) ether	20.0	16.9		ug/L		84	63 - 139
Chrysene	20.0	16.5		ug/L		82	44 - 140
Dibenz(a,h)anthracene	20.0	18.1		ug/L		90	1 - 200
Dibenzofuran	20.0	16.1		ug/L		80	48 - 120
Fluoranthene	20.0	17.0		ug/L		85	43 - 121
Fluorene	20.0	16.2		ug/L		81	70 - 120
Hexachloroethane	20.0	14.7		ug/L		73	55 - 120
Indeno[1,2,3-cd]pyrene	20.0	18.1		ug/L		91	1 - 151
Naphthalene	20.0	16.1		ug/L		80	36 - 120
Nitrobenzene	20.0	17.7		ug/L		88	54 - 158
N-Nitrosodi-n-propylamine	20.0	16.4		ug/L		82	14 - 198
N-Nitrosodiphenylamine	20.0	16.0		ug/L		80	65 - 133
Pentachlorophenol	20.0	16.0		ug/L		80	38 - 152
Phenanthrene	20.0	16.1		ug/L		80	65 - 120
Phenol	20.0	7.13		ug/L		36	17 - 120
Pyrene	20.0	16.8		ug/L		84	70 - 120

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		28 - 127
2-Fluorobiphenyl (Surr)	84		31 - 120
2-Fluorophenol (Surr)	53		17 - 120
Nitrobenzene-d5 (Surr)	88		27 - 120
Phenol-d6 (Surr)	34		10 - 120
p-Terphenyl-d14 (Surr)	92		45 - 120

Lab Sample ID: LCSD 570-555182/3-A
Matrix: Water
Analysis Batch: 558249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 555182

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	16.9		ug/L		85	47 - 120	6	20
2,4,5-Trichlorophenol			20.0	18.5		ug/L		92	57 - 120	9	20
2,4,6-Trichlorophenol			20.0	17.2		ug/L		86	52 - 129	7	35
2,4-Dichlorophenol			20.0	18.1		ug/L		91	53 - 122	4	30
2,4-Dinitrophenol			20.0	16.7		ug/L		84	1 - 173	3	79
2,6-Dichlorophenol			20.0	18.1		ug/L		91	50 - 120	6	20
2-Chloronaphthalene			20.0	17.4		ug/L		87	65 - 120	7	15
2-Chlorophenol			20.0	18.8		ug/L		94	36 - 120	9	37
2-Methylnaphthalene			20.0	19.7		ug/L		98	43 - 120	9	20
2-Methylphenol			20.0	16.6		ug/L		83	46 - 120	9	20
2-Nitroaniline			20.0	17.4		ug/L		87	51 - 125	17	20
2-Nitrophenol			20.0	17.3		ug/L		87	45 - 167	9	33
3/4-Methylphenol			40.0	30.3		ug/L		76	29 - 120	9	20
3-Nitroaniline			20.0	9.58	*- *1	ug/L		48	62 - 129	75	20
4,6-Dinitro-2-methylphenol			20.0	15.5		ug/L		78	53 - 130	9	122
4-Bromophenyl phenyl ether			20.0	17.3		ug/L		86	65 - 120	5	26
4-Chloro-3-methylphenol			20.0	17.7		ug/L		88	41 - 128	5	44
4-Chloroaniline			20.0	2.03	J *- *1	ug/L		10	51 - 120	52	20
4-Chlorophenyl phenyl ether			20.0	17.5		ug/L		87	38 - 145	6	36
4-Nitroaniline			20.0	16.0	*1	ug/L		80	64 - 129	63	20
4-Nitrophenol			20.0	8.43		ug/L		42	13 - 129	6	79
Acenaphthene			20.0	17.0		ug/L		85	60 - 132	5	29
Acenaphthylene			20.0	15.9		ug/L		80	54 - 126	4	45
Aniline			20.0	0.233	*-	ug/L		1	52 - 121	12	21
Anthracene			20.0	17.0		ug/L		85	43 - 120	6	40
Benzidine			20.0	2.56	J *- *1	ug/L		13	20 - 164	200	30
Benzo[a]anthracene			20.0	17.5		ug/L		87	42 - 133	5	32
Benzo[a]pyrene			20.0	17.3		ug/L		86	32 - 148	5	43
Benzo[b]fluoranthene			20.0	18.4		ug/L		92	42 - 140	7	43
Benzo[g,h,i]perylene			20.0	18.0		ug/L		90	1 - 195	3	61
Benzo[k]fluoranthene			20.0	18.0		ug/L		90	25 - 146	5	38
Benzoic acid			20.0	7.86	J	ug/L		39	20 - 120	1	30
Benzyl alcohol			20.0	19.8		ug/L		99	44 - 122	8	20
Bis(2-chloroethoxy)methane			20.0	18.0		ug/L		90	49 - 165	7	32
Bis(2-chloroethyl)ether			20.0	19.4		ug/L		97	43 - 126	13	65
bis (2-Chloroisopropyl) ether			20.0	18.6		ug/L		93	63 - 139	10	46
Chrysene			20.0	17.6		ug/L		88	44 - 140	7	53
Dibenz(a,h)anthracene			20.0	18.5		ug/L		93	1 - 200	2	75
Dibenzofuran			20.0	17.4		ug/L		87	48 - 120	8	20

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

Lab Sample ID: LCSD 570-555182/3-A
Matrix: Water
Analysis Batch: 558249

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 555182

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			20.0	18.0		ug/L		90	43 - 121	6	40
Fluorene			20.0	17.4		ug/L		87	70 - 120	7	23
Hexachloroethane			20.0	16.8		ug/L		84	55 - 120	13	32
Indeno[1,2,3-cd]pyrene			20.0	19.1		ug/L		95	1 - 151	5	60
Naphthalene			20.0	16.9		ug/L		84	36 - 120	5	39
Nitrobenzene			20.0	18.6		ug/L		93	54 - 158	5	37
N-Nitrosodi-n-propylamine			20.0	19.1		ug/L		96	14 - 198	15	52
N-Nitrosodiphenylamine			20.0	20.4	*1	ug/L		102	65 - 133	24	20
Pentachlorophenol			20.0	17.5		ug/L		88	38 - 152	9	52
Phenanthrene			20.0	17.6		ug/L		88	65 - 120	9	24
Phenol			20.0	7.96		ug/L		40	17 - 120	11	39
Pyrene			20.0	18.0		ug/L		90	70 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*
2-Fluorobiphenyl (Surr)	*92*		*31 - 120*
2-Fluorophenol (Surr)	*60*		*17 - 120*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*98*		*45 - 120*

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

Lab Sample ID: MB 570-558265/6
Matrix: Water
Analysis Batch: 558265

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			04/15/25 15:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*		*04/15/25 15:49*	*1*

Lab Sample ID: LCS 570-558265/4
Matrix: Water
Analysis Batch: 558265

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	337		ug/L		84	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*

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

Lab Sample ID: LCSD 570-558265/5
Matrix: Water
Analysis Batch: 558265

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	336		ug/L		84	78 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*

Lab Sample ID: MRL 570-558265/3
Matrix: Water
Analysis Batch: 558265

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	10.8		ug/L		108	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*

Lab Sample ID: 380-144829-C-3 MS
Matrix: Water
Analysis Batch: 558265

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	299		ug/L		75	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*

Lab Sample ID: 380-144829-C-3 MSD
Matrix: Water
Analysis Batch: 558265

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	342		ug/L		85	68 - 122	13	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*

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

Lab Sample ID: MBL 380-146213/4-A
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 146213

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0040		0.020		ug/L		04/09/25 11:50	04/09/25 14:08	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.010		ug/L		04/09/25 11:50	04/09/25 14:08	1
1,2-Dibromoethane	<0.0040		0.010		ug/L		04/09/25 11:50	04/09/25 14:08	1

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

Surrogate	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	98		60 - 140	04/09/25 11:50	04/09/25 14:08	1

Lab Sample ID: LCS 380-146213/29-A
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.200	0.224		ug/L		112	70 - 130
1,2-Dibromo-3-Chloropropane	0.200	0.197		ug/L		99	70 - 130
1,2-Dibromoethane	0.200	0.206		ug/L		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dibromopropane (Surr)	105		60 - 140

Lab Sample ID: MRL 380-146213/2-A
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146213

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0200	0.0223		ug/L		111	60 - 140

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dibromopropane (Surr)	105		60 - 140

Lab Sample ID: MRL 380-146213/3-A
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 146213

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0518		ug/L		104	60 - 140
1,2-Dibromo-3-Chloropropane	0.0100	0.0102		ug/L		102	60 - 140
1,2-Dibromoethane	0.0100	0.00972	J	ug/L		97	60 - 140

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dibromopropane (Surr)	105		60 - 140

Lab Sample ID: 380-144238-DR-1-A MS
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 146213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	<0.020		1.26	1.29		ug/L		102	65 - 135
1,2-Dibromo-3-Chloropropane	<0.010		0.252	0.251		ug/L		99	65 - 135
1,2-Dibromoethane	<0.010		0.252	0.249		ug/L		99	65 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dibromopropane (Surr)	99		60 - 140

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

Lab Sample ID: 380-144238-DS-1-A DU
Matrix: Water
Analysis Batch: 146555

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 146213

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	<0.010			<0.010		ug/L				NC	20
1,2-Dibromoethane	<0.010			<0.010		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*105*		*60 - 140*

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Lab Sample ID: MB 380-145540/3-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 145540

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.50		0.50		ug/L		04/04/25 15:40	04/05/25 04:47	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1016	<0.070		0.070		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1221	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1232	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1242	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1248	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1254	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1
PCB-1260	<0.070		0.070		ug/L		04/04/25 15:40	04/05/25 04:47	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		04/04/25 15:40	04/05/25 04:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*70 - 130*	*04/04/25 15:40*	*04/05/25 04:47*	*1*

Lab Sample ID: LCS 380-145540/28-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			2.50	2.60		ug/L		104	70 - 130		

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

Lab Sample ID: LCS 380-145540/30-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.500	0.466		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*101*		*70 - 130*

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

Lab Sample ID: LCS 380-145540/31-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1254			0.500	0.534		ug/L		107	70 - 130		

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

Lab Sample ID: LCSD 380-145540/29-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toxaphene			2.50	2.50		ug/L		100	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*98*		*70 - 130*

Lab Sample ID: MRL 380-145540/1-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			0.500	0.583		ug/L		117	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*104*		*70 - 130*

Lab Sample ID: MRL 380-145540/2-A
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 145540

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.100	0.0963	J	ug/L		96	50 - 150		

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

Lab Sample ID: 380-143067-AP-1-A MS
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 145540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.50		2.48	2.56		ug/L		103	65 - 135		

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

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

Lab Sample ID: 380-143067-AR-1-A MS
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 145540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlordane (n.o.s.)	<0.10		0.497	0.480		ug/L		96	65 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*74*		*70 - 130*

Lab Sample ID: 380-143769-BU-1-A MS
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 145540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toxaphene	<0.50		2.51	2.49		ug/L		99	65 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*70 - 130*

Lab Sample ID: 380-143769-BV-1-A MS
Matrix: Water
Analysis Batch: 145827

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 145540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlordane (n.o.s.)	<0.10		0.496	0.455		ug/L		92	65 - 135

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

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

Lab Sample ID: MB 570-554296/1-A
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 554296

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/06/25 17:06	04/14/25 15:26	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/06/25 17:06	04/14/25 15:26	1
C8-C18	<25		25		ug/L		04/06/25 17:06	04/14/25 15:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 130*	*04/06/25 17:06*	*04/14/25 15:26*	*1*

Lab Sample ID: LCS 570-554296/2-A
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 554296

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			1600	1350		ug/L		84	56 - 127

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

Lab Sample ID: LCS 570-554296/2-A
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 554296

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	103		60 - 130

Lab Sample ID: LCSD 570-554296/3-A
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 554296

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1340		ug/L		84	56 - 127	0	23

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

Lab Sample ID: MRL 570-554296/4-A
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 554296

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0308	^3+	mg/L		154	50 - 150		

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

Lab Sample ID: 380-143376-B-3-B MS
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 554296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	^3+	1680	1400		ug/L		83	70 - 130		

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

Lab Sample ID: 380-143376-B-3-C MSD
Matrix: Water
Analysis Batch: 557672

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 554296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	^3+	1680	1250		ug/L		74	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	94		60 - 130

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

Lab Sample ID: MB 570-557182/3
Matrix: Water
Analysis Batch: 557182

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			04/12/25 15:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*91*		*54 - 120*		*04/12/25 15:20*	*1*

Lab Sample ID: LCS 570-557182/4
Matrix: Water
Analysis Batch: 557182

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	2.07		mg/L		103	78 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*95*		*54 - 120*

Lab Sample ID: LCSD 570-557182/5
Matrix: Water
Analysis Batch: 557182

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	1.93		mg/L		96	78 - 131	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*94*		*54 - 120*

Lab Sample ID: MRL 570-557182/6
Matrix: Water
Analysis Batch: 557182

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	0.0808	J	mg/L		81	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*116*		*54 - 120*

Lab Sample ID: 380-143415-AC-1 MS
Matrix: Water
Analysis Batch: 557182

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		
Ethanol	<0.10		2.00	2.22		mg/L		111	20 - 173		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*86*		*54 - 120*

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

Lab Sample ID: 380-143415-AC-1 MSD
Matrix: Water
Analysis Batch: 557182

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
Ethanol	<0.10		2.00	2.23		mg/L		111	20 - 173	1	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*88*		*54 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-145589/39
Matrix: Water
Analysis Batch: 145589

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			04/04/25 19:44	1
Sulfate	<0.25		0.25		mg/L			04/04/25 19:44	1

Lab Sample ID: LCS 380-145589/42
Matrix: Water
Analysis Batch: 145589

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	26.7		mg/L		107	90 - 110		
Sulfate			50.0	51.8		mg/L		104	90 - 110		

Lab Sample ID: LCSD 380-145589/43
Matrix: Water
Analysis Batch: 145589

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	26.1		mg/L		104	90 - 110	3	20
Sulfate			50.0	50.7		mg/L		101	90 - 110	2	20

Lab Sample ID: MRL 380-145589/40
Matrix: Water
Analysis Batch: 145589

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.125	0.109	J	mg/L		87	50 - 150		
Sulfate			0.250	0.209	J	mg/L		84	50 - 150		

Lab Sample ID: MRL 380-145589/41
Matrix: Water
Analysis Batch: 145589

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	0.421	J	mg/L		84	50 - 150		
Sulfate			1.00	0.921		mg/L		92	50 - 150		

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 380-143885-A-1 MS
Matrix: Water
Analysis Batch: 145589

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
Chloride	2.4		12.5	15.6		mg/L		106	80 - 120
Sulfate	0.53		25.0	26.0		mg/L		102	80 - 120

Lab Sample ID: 380-143885-A-1 MSD
Matrix: Water
Analysis Batch: 145589

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
Chloride	2.4		12.5	15.8		mg/L		107	80 - 120	1	20
Sulfate	0.53		25.0	26.4		mg/L		103	80 - 120	1	20

Lab Sample ID: 380-143894-A-3 MS
Matrix: Water
Analysis Batch: 145589

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
Chloride	27		12.5	40.2		mg/L		102	80 - 120
Sulfate	21		25.0	47.3		mg/L		104	80 - 120

Lab Sample ID: 380-143894-A-3 MSD
Matrix: Water
Analysis Batch: 145589

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
Chloride	27		12.5	40.0		mg/L		100	80 - 120	1	20
Sulfate	21		25.0	46.8		mg/L		102	80 - 120	1	20

Lab Sample ID: MB 380-145652/4
Matrix: Water
Analysis Batch: 145652

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			04/05/25 11:04	1
Sulfate	<0.25		0.25		mg/L			04/05/25 11:04	1

Lab Sample ID: LCS 380-145652/7
Matrix: Water
Analysis Batch: 145652

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	27.1		mg/L		108	90 - 110
Sulfate	50.0	52.2		mg/L		104	90 - 110

Lab Sample ID: LCSD 380-145652/8
Matrix: Water
Analysis Batch: 145652

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	26.3		mg/L		105	90 - 110	3	20
Sulfate	50.0	51.1		mg/L		102	90 - 110	2	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MRL 380-145652/5
Matrix: Water
Analysis Batch: 145652

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.125	0.117	J	mg/L		94	50 - 150		
Sulfate			0.250	0.215	J	mg/L		86	50 - 150		

Lab Sample ID: MRL 380-145652/6
Matrix: Water
Analysis Batch: 145652

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	0.450	J	mg/L		90	50 - 150		
Sulfate			1.00	0.899		mg/L		90	50 - 150		

Lab Sample ID: 380-143838-1 MS
Matrix: Drinking Water
Analysis Batch: 145652

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	95	F1 ^2	25.0	113	E F1	mg/L		70	80 - 120		
Sulfate	13		50.0	65.7		mg/L		106	80 - 120		

Lab Sample ID: 380-143838-1 MSD
Matrix: Drinking Water
Analysis Batch: 145652

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	95	F1 ^2	25.0	112	E F1	mg/L		70	80 - 120	0	20
Sulfate	13		50.0	63.9		mg/L		102	80 - 120	3	20

Lab Sample ID: MB 380-146132/6
Matrix: Water
Analysis Batch: 146132

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			04/08/25 23:48	1

Lab Sample ID: LCS 380-146132/7
Matrix: Water
Analysis Batch: 146132

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			100	98.1		ug/L		98	90 - 110		

Lab Sample ID: LCSD 380-146132/8
Matrix: Water
Analysis Batch: 146132

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	98.2		ug/L		98	90 - 110	0	10

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 380-146132/5
Matrix: Water
Analysis Batch: 146132

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	4.94	J	ug/L		99	75 - 125		

Lab Sample ID: 380-143829-D-1 MS
Matrix: Water
Analysis Batch: 146132

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	49.7		ug/L		99	80 - 120		

Lab Sample ID: 380-143829-D-1 MSD
Matrix: Water
Analysis Batch: 146132

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	49.1		ug/L		98	80 - 120	1	20

Lab Sample ID: 380-143852-A-2 MS
Matrix: Water
Analysis Batch: 146132

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	140		50.0	184		ug/L		94	80 - 120		

Lab Sample ID: 380-143852-A-2 MSD
Matrix: Water
Analysis Batch: 146132

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	140		50.0	185		ug/L		96	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MBL 380-145860/129
Matrix: Water
Analysis Batch: 145860

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			04/07/25 13:32	1
Magnesium	0.0126	J B	0.10		mg/L			04/07/25 13:32	1
Potassium	<0.044		0.10		mg/L			04/07/25 13:32	1
Sodium	<0.019		0.10		mg/L			04/07/25 13:32	1

Lab Sample ID: LCS 380-145860/132
Matrix: Water
Analysis Batch: 145860

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	50.1		mg/L		100	85 - 115		
Magnesium			20.0	20.0		mg/L		100	85 - 115		
Potassium			20.0	19.8		mg/L		99	85 - 115		

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

Lab Sample ID: LCS 380-145860/132
Matrix: Water
Analysis Batch: 145860

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	50.0	49.5		mg/L		99	85 - 115

Lab Sample ID: LCSD 380-145860/133
Matrix: Water
Analysis Batch: 145860

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	50.2		mg/L		100	85 - 115	0	20
Magnesium	20.0	20.1		mg/L		101	85 - 115	0	20
Potassium	20.0	19.9		mg/L		99	85 - 115	0	20
Sodium	50.0	49.8		mg/L		100	85 - 115	1	20

Lab Sample ID: LLCS 380-145860/130
Matrix: Water
Analysis Batch: 145860

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	0.0931	J	mg/L		93	50 - 150
Magnesium	0.100	0.110		mg/L		110	50 - 150
Potassium	0.100	0.102		mg/L		102	50 - 150
Sodium	0.100	0.100		mg/L		100	50 - 150

Lab Sample ID: LLCS 380-145860/131
Matrix: Water
Analysis Batch: 145860

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	0.100	0.110		mg/L		110	50 - 150

Lab Sample ID: 380-143952-A-3 MS
Matrix: Water
Analysis Batch: 145860

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	9.7		50.0	58.3		mg/L		97	70 - 130
Magnesium	8.7	B	20.0	28.1		mg/L		97	70 - 130
Potassium	0.70		20.0	20.1		mg/L		97	70 - 130
Sodium	19		50.0	66.9		mg/L		95	70 - 130

Lab Sample ID: 380-143952-A-3 MSD
Matrix: Water
Analysis Batch: 145860

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	9.7		50.0	58.3		mg/L		97	70 - 130	0	20
Magnesium	8.7	B	20.0	28.0		mg/L		97	70 - 130	0	20
Potassium	0.70		20.0	20.2		mg/L		97	70 - 130	0	20
Sodium	19		50.0	66.7		mg/L		95	70 - 130	0	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-145975/83
Matrix: Water
Analysis Batch: 145975

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			04/07/25 14:20	1
Arsenic	<0.25		1.0		ug/L			04/07/25 14:20	1
Cadmium	<0.081		0.50		ug/L			04/07/25 14:20	1
Chromium	<0.33		0.90		ug/L			04/07/25 14:20	1
Copper	<0.28		1.0		ug/L			04/07/25 14:20	1
Lead	<0.084		0.50		ug/L			04/07/25 14:20	1
Nickel	<0.38		1.0		ug/L			04/07/25 14:20	1
Selenium	<0.25		2.0		ug/L			04/07/25 14:20	1
Silver	<0.30		0.50		ug/L			04/07/25 14:20	1
Thallium	<0.10		0.30		ug/L			04/07/25 14:20	1
Zinc	<1.3		5.0		ug/L			04/07/25 14:20	1

Lab Sample ID: LCS 380-145975/85
Matrix: Water
Analysis Batch: 145975

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	49.0		ug/L		98	85 - 115		
Arsenic			50.0	50.0		ug/L		100	85 - 115		
Cadmium			50.0	50.0		ug/L		100	85 - 115		
Chromium			50.0	50.3		ug/L		101	85 - 115		
Copper			50.0	49.0		ug/L		98	85 - 115		
Lead			50.0	52.3		ug/L		105	85 - 115		
Nickel			50.0	49.1		ug/L		98	85 - 115		
Selenium			50.0	51.8		ug/L		104	85 - 115		
Silver			50.0	50.7		ug/L		101	85 - 115		
Thallium			50.0	53.1		ug/L		106	85 - 115		
Zinc			50.0	47.7		ug/L		95	85 - 115		

Lab Sample ID: LCSD 380-145975/86
Matrix: Water
Analysis Batch: 145975

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	50.0		ug/L		100	85 - 115	2	20
Arsenic			50.0	50.0		ug/L		100	85 - 115	0	20
Cadmium			50.0	50.6		ug/L		101	85 - 115	1	20
Chromium			50.0	50.2		ug/L		100	85 - 115	0	20
Copper			50.0	49.2		ug/L		98	85 - 115	0	20
Lead			50.0	52.4		ug/L		105	85 - 115	0	20
Nickel			50.0	49.4		ug/L		99	85 - 115	1	20
Selenium			50.0	51.7		ug/L		103	85 - 115	0	20
Silver			50.0	51.2		ug/L		102	85 - 115	1	20
Thallium			50.0	53.1		ug/L		106	85 - 115	0	20
Zinc			50.0	47.8		ug/L		96	85 - 115	0	20

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

Lab Sample ID: LLCS 380-145975/84
Matrix: Water
Analysis Batch: 145975

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	0.981	J	ug/L		98	50 - 150
Arsenic	1.00	0.940	J	ug/L		94	50 - 150
Cadmium	0.500	0.468	J	ug/L		94	50 - 150
Chromium	0.900	1.15		ug/L		127	50 - 150
Copper	1.00	1.01		ug/L		101	50 - 150
Lead	0.500	0.506		ug/L		101	50 - 150
Nickel	1.00	0.845	J	ug/L		85	50 - 150
Selenium	2.00	2.07		ug/L		104	50 - 150
Silver	0.500	0.496	J	ug/L		99	50 - 150
Thallium	0.300	0.311		ug/L		104	50 - 150
Zinc	4.99	4.76	J	ug/L		96	50 - 150

Lab Sample ID: 380-143804-F-1 MS
Matrix: Water
Analysis Batch: 145975

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	48.6		ug/L		97	70 - 130
Arsenic	<1.0		50.0	53.3		ug/L		107	70 - 130
Cadmium	<0.50		50.0	53.2		ug/L		106	70 - 130
Chromium	<0.90		50.0	51.4		ug/L		102	70 - 130
Copper	28		50.0	77.2		ug/L		99	70 - 130
Lead	<0.50		50.0	52.8		ug/L		106	70 - 130
Nickel	<1.0		50.0	50.1		ug/L		100	70 - 130
Selenium	<2.0		50.0	60.1		ug/L		120	70 - 130
Silver	<0.50		50.0	49.8		ug/L		100	70 - 130
Thallium	<0.30		50.0	53.9		ug/L		108	70 - 130
Zinc	<5.0		50.0	54.8		ug/L		110	70 - 130

Lab Sample ID: 380-143804-F-1 MSD
Matrix: Water
Analysis Batch: 145975

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	49.8		ug/L		100	70 - 130	3	20
Arsenic	<1.0		50.0	52.9		ug/L		106	70 - 130	1	20
Cadmium	<0.50		50.0	53.8		ug/L		108	70 - 130	1	20
Chromium	<0.90		50.0	50.2		ug/L		99	70 - 130	2	20
Copper	28		50.0	76.1		ug/L		97	70 - 130	1	20
Lead	<0.50		50.0	53.9		ug/L		108	70 - 130	2	20
Nickel	<1.0		50.0	49.6		ug/L		99	70 - 130	1	20
Selenium	<2.0		50.0	59.5		ug/L		119	70 - 130	1	20
Silver	<0.50		50.0	51.8		ug/L		104	70 - 130	4	20
Thallium	<0.30		50.0	55.0		ug/L		110	70 - 130	2	20
Zinc	<5.0		50.0	54.0		ug/L		108	70 - 130	1	20

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

Lab Sample ID: MBL 380-146188/14
Matrix: Water
Analysis Batch: 146188

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			04/08/25 12:21	1
Arsenic	<0.25		1.0		ug/L			04/08/25 12:21	1
Beryllium	<0.12		0.30		ug/L			04/08/25 12:21	1
Cadmium	<0.081		0.50		ug/L			04/08/25 12:21	1
Chromium	<0.33		0.90		ug/L			04/08/25 12:21	1
Copper	<0.28		1.0		ug/L			04/08/25 12:21	1
Lead	<0.084		0.50		ug/L			04/08/25 12:21	1
Nickel	<0.38		1.0		ug/L			04/08/25 12:21	1
Selenium	<0.25		2.0		ug/L			04/08/25 12:21	1
Silver	<0.30		0.50		ug/L			04/08/25 12:21	1
Thallium	<0.10		0.30		ug/L			04/08/25 12:21	1
Zinc	<1.3		5.0		ug/L			04/08/25 12:21	1

Lab Sample ID: LCS 380-146188/16
Matrix: Water
Analysis Batch: 146188

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	49.6		ug/L		99	85 - 115		
Arsenic			50.0	51.9		ug/L		104	85 - 115		
Beryllium			50.0	51.3		ug/L		103	85 - 115		
Cadmium			50.0	50.8		ug/L		102	85 - 115		
Chromium			50.0	51.2		ug/L		102	85 - 115		
Copper			50.0	50.8		ug/L		102	85 - 115		
Lead			50.0	51.0		ug/L		102	85 - 115		
Nickel			50.0	51.7		ug/L		103	85 - 115		
Selenium			50.0	50.8		ug/L		102	85 - 115		
Silver			50.0	51.0		ug/L		102	85 - 115		
Thallium			50.0	51.6		ug/L		103	85 - 115		
Zinc			50.0	49.9		ug/L		100	85 - 115		

Lab Sample ID: LCSD 380-146188/17
Matrix: Water
Analysis Batch: 146188

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	49.8		ug/L		100	85 - 115	0	20
Arsenic			50.0	51.5		ug/L		103	85 - 115	1	20
Beryllium			50.0	51.6		ug/L		103	85 - 115	0	20
Cadmium			50.0	50.4		ug/L		101	85 - 115	1	20
Chromium			50.0	51.2		ug/L		102	85 - 115	0	20
Copper			50.0	50.7		ug/L		101	85 - 115	0	20
Lead			50.0	50.8		ug/L		102	85 - 115	0	20
Nickel			50.0	52.0		ug/L		104	85 - 115	1	20
Selenium			50.0	50.8		ug/L		102	85 - 115	0	20
Silver			50.0	51.1		ug/L		102	85 - 115	0	20
Thallium			50.0	51.3		ug/L		103	85 - 115	1	20
Zinc			50.0	49.7		ug/L		99	85 - 115	0	20

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

Lab Sample ID: LLCS 380-146188/15
Matrix: Water
Analysis Batch: 146188

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	1.03		ug/L		103	50 - 150
Arsenic	1.00	1.06		ug/L		106	50 - 150
Beryllium	0.300	0.303		ug/L		101	50 - 150
Cadmium	0.500	0.506		ug/L		101	50 - 150
Chromium	0.900	0.970		ug/L		108	50 - 150
Copper	1.00	1.03		ug/L		103	50 - 150
Lead	0.500	0.515		ug/L		103	50 - 150
Nickel	1.00	1.00		ug/L		100	50 - 150
Selenium	2.00	2.08		ug/L		104	50 - 150
Silver	0.500	0.511		ug/L		102	50 - 150
Thallium	0.300	0.307		ug/L		102	50 - 150
Zinc	4.99	4.95	J	ug/L		99	50 - 150

Lab Sample ID: 380-143838-1 MS
Matrix: Drinking Water
Analysis Batch: 146188

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
Antimony	<1.0		50.0	59.5		ug/L		119	70 - 130
Arsenic	<1.0		50.0	56.4		ug/L		113	70 - 130
Beryllium	<0.30		50.0	48.1		ug/L		96	70 - 130
Cadmium	<0.50		50.0	53.1		ug/L		106	70 - 130
Chromium	2.6		50.0	53.4		ug/L		102	70 - 130
Copper	3.2		50.0	51.8		ug/L		97	70 - 130
Lead	<0.50		50.0	50.2		ug/L		100	70 - 130
Nickel	<1.0		50.0	50.9		ug/L		101	70 - 130
Selenium	<2.0		50.0	58.7		ug/L		115	70 - 130
Silver	<0.50		50.0	49.3		ug/L		99	70 - 130
Thallium	<0.30		50.0	51.2		ug/L		102	70 - 130
Zinc	12		50.0	65.2		ug/L		106	70 - 130

Lab Sample ID: 380-143838-1 MSD
Matrix: Drinking Water
Analysis Batch: 146188

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
Antimony	<1.0		50.0	54.1		ug/L		108	70 - 130	10	20
Arsenic	<1.0		50.0	54.5		ug/L		109	70 - 130	3	20
Beryllium	<0.30		50.0	45.6		ug/L		91	70 - 130	5	20
Cadmium	<0.50		50.0	51.5		ug/L		103	70 - 130	3	20
Chromium	2.6		50.0	51.4		ug/L		98	70 - 130	4	20
Copper	3.2		50.0	49.9		ug/L		93	70 - 130	4	20
Lead	<0.50		50.0	48.2		ug/L		96	70 - 130	4	20
Nickel	<1.0		50.0	48.7		ug/L		96	70 - 130	4	20
Selenium	<2.0		50.0	56.5		ug/L		111	70 - 130	4	20
Silver	<0.50		50.0	47.6		ug/L		95	70 - 130	4	20
Thallium	<0.30		50.0	48.9		ug/L		98	70 - 130	5	20
Zinc	12		50.0	63.0		ug/L		101	70 - 130	3	20

Method: 200.8 - Mercury (ICP/MS)

Lab Sample ID: MBL 380-145810/1-A
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 145810

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20		ug/L		04/07/25 10:20	04/08/25 13:46	1

Lab Sample ID: LCS 380-145810/3-A
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 145810

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

Lab Sample ID: LCSD 380-145810/4-A
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 145810

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			1.00	1.00		ug/L		100	85 - 115	3	20

Lab Sample ID: LLCS 380-145810/2-A
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 145810

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.200	0.206		ug/L		103	50 - 150		

Lab Sample ID: 380-143673-B-1-B MS
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 145810

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.20		1.00	1.03		ug/L		103	70 - 130		

Lab Sample ID: 380-143673-B-1-C MSD
Matrix: Water
Analysis Batch: 146191

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 145810

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	1.03		ug/L		103	70 - 130	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 380-145796/1
Matrix: Water
Analysis Batch: 145796

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.0		4.0		mg/L			04/04/25 17:05	1
Bicarbonate Alkalinity as CaCO3	<4.0		4.0		mg/L			04/04/25 17:05	1
Carbonate Alkalinity as CaCO3	<4.0		4.0		mg/L			04/04/25 17:05	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 380-145796/4
Matrix: Water
Analysis Batch: 145796

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	96.7		mg/L		97	90 - 110

Lab Sample ID: LCSD 380-145796/19
Matrix: Water
Analysis Batch: 145796

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	97.8		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 380-145796/5
Matrix: Water
Analysis Batch: 145796

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	19.1		mg/L		95	90 - 110

Lab Sample ID: MRL 380-145796/3
Matrix: Water
Analysis Batch: 145796

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.29		mg/L		107	50 - 150

Lab Sample ID: 380-143347-E-1 MS
Matrix: Water
Analysis Batch: 145796

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	130	F1	100	156	F1	mg/L		23	80 - 120

Lab Sample ID: 380-143347-E-1 MSD
Matrix: Water
Analysis Batch: 145796

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	130	F1	100	156	F1	mg/L		24	80 - 120	0	20

Lab Sample ID: 380-143347-E-1 DU
Matrix: Water
Analysis Batch: 145796

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	130	F1	133		mg/L		0.07	20
Bicarbonate Alkalinity as CaCO3	130		128		mg/L		0.3	20
Carbonate Alkalinity as CaCO3	4.2		4.51		mg/L		7	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 380-145802/3
Matrix: Water
Analysis Batch: 145802

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			04/04/25 17:05	1

Lab Sample ID: LCS 380-145802/5
Matrix: Water
Analysis Batch: 145802

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	1000		umhos/cm		100	90 - 110		

Lab Sample ID: LCSD 380-145802/17
Matrix: Water
Analysis Batch: 145802

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	998		umhos/cm		100	90 - 110	1	10

Lab Sample ID: MRL 380-145802/4
Matrix: Water
Analysis Batch: 145802

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	1.90	J	umhos/cm		95	50 - 150		

Lab Sample ID: 380-143347-E-1 DU
Matrix: Water
Analysis Batch: 145802

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Specific Conductance	1000			1000		umhos/cm				0	20

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

Lab Sample ID: MB 380-145520/1
Matrix: Water
Analysis Batch: 145520

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			04/04/25 13:07	1

Lab Sample ID: HLCS 380-145520/5
Matrix: Water
Analysis Batch: 145520

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	692		mg/L		99	80 - 114		

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

Lab Sample ID: LCS 380-145520/4
Matrix: Water
Analysis Batch: 145520

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	170		mg/L		97	80 - 114		

Lab Sample ID: MRL 380-145520/2
Matrix: Water
Analysis Batch: 145520

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	9.00	J	mg/L		90	50 - 150		

Lab Sample ID: MRL 380-145520/3
Matrix: Water
Analysis Batch: 145520

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	8.00	J	mg/L		80	50 - 150		

Lab Sample ID: 380-143761-H-1 DU
Matrix: Water
Analysis Batch: 145520

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	390			400		mg/L				3	10

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 380-145804/44
Matrix: Water
Analysis Batch: 145804

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			04/04/25 20:48	1

Lab Sample ID: MB 380-145804/78
Matrix: Water
Analysis Batch: 145804

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			04/04/25 23:17	1

Lab Sample ID: LCS 380-145804/46
Matrix: Water
Analysis Batch: 145804

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	1.05		mg/L		105	90 - 110		

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: LCS 380-145804/80
Matrix: Water
Analysis Batch: 145804

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	1.03		mg/L		103	90 - 110		

Lab Sample ID: LCSD 380-145804/47
Matrix: Water
Analysis Batch: 145804

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	1.05		mg/L		105	90 - 110	1	10

Lab Sample ID: LCSD 380-145804/81
Matrix: Water
Analysis Batch: 145804

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	1.03		mg/L		103	90 - 110	0	10

Lab Sample ID: MRL 380-145804/45
Matrix: Water
Analysis Batch: 145804

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	0.0502		mg/L		100	50 - 150		

Lab Sample ID: MRL 380-145804/79
Matrix: Water
Analysis Batch: 145804

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	0.0507		mg/L		101	50 - 150		

Lab Sample ID: 380-143457-A-1 MS
Matrix: Water
Analysis Batch: 145804

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	0.34		1.00	1.37		mg/L		104	80 - 120		

Lab Sample ID: 380-143457-A-1 MSD
Matrix: Water
Analysis Batch: 145804

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	0.34		1.00	1.37		mg/L		104	80 - 120	0	20

Lab Sample ID: 380-143457-A-2 MS
Matrix: Water
Analysis Batch: 145804

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	0.33		1.00	1.36		mg/L		103	80 - 120		

Method: SM 4500 F C - Fluoride

Lab Sample ID: 380-143457-A-2 MSD
Matrix: Water
Analysis Batch: 145804

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	0.33		1.00	1.36		mg/L		102	80 - 120	1	20

Method: SM 4500 H+ B - pH

Lab Sample ID: MB 380-145799/5
Matrix: Water
Analysis Batch: 145799

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	5.8				SU			04/04/25 17:05	1

Lab Sample ID: LCS 380-145799/6
Matrix: Water
Analysis Batch: 145799

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 380-145799/18
Matrix: Water
Analysis Batch: 145799

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: 380-143347-E-1 DU
Matrix: Water
Analysis Batch: 145799

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.4			8.4		SU				0.2	2

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 380-145902/3
Matrix: Water
Analysis Batch: 145902

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			04/07/25 17:38	1

Lab Sample ID: LCS 380-145902/5
Matrix: Water
Analysis Batch: 145902

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	0.226		mg/L		90	90 - 110		

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

Lab Sample ID: LCSD 380-145902/6
Matrix: Water
Analysis Batch: 145902

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	0.248		mg/L		99	90 - 110	9	20

Lab Sample ID: MRL 380-145902/16
Matrix: Water
Analysis Batch: 145902

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	0.0450	J	mg/L		90	50 - 150

Lab Sample ID: MRL 380-145902/4
Matrix: Water
Analysis Batch: 145902

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	0.0475	J	mg/L		95	50 - 150

Lab Sample ID: 380-143927-J-2 MS
Matrix: Water
Analysis Batch: 145902

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
Sulfide	<0.050	F1	0.250	<0.050	F1	mg/L		9	80 - 120

Lab Sample ID: 380-143927-J-2 MSD
Matrix: Water
Analysis Batch: 145902

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
Sulfide	<0.050	F1	0.250	<0.050	F1	mg/L		9	80 - 120	2	20

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Analysis Batch: 145568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-145568/13	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-145568/14	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 145599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	524.2	
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	524.2	
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TPC	Total/NA	Water	524.2	
MB 380-145599/5	Method Blank	Total/NA	Water	524.2	
LCS 380-145599/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-145599/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 145654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	524.2	
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	524.2	
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TPC	Total/NA	Water	524.2	
MB 380-145654/11	Method Blank	Total/NA	Water	524.2	
LCS 380-145654/8	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-145654/9	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-145654/10	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 145767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	524.2	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	524.2	

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Prep Batch: 145789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	525.2	
MB 380-145789/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-145789/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-145789/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-143838-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
380-143838-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	

Analysis Batch: 145979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	145789
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	525.2	145789
MB 380-145789/21-A	Method Blank	Total/NA	Water	525.2	145789
LCS 380-145789/23-A	Lab Control Sample	Total/NA	Water	525.2	145789
MRL 380-145789/22-A	Lab Control Sample	Total/NA	Water	525.2	145789
380-143838-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	145789
380-143838-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	145789

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Prep Batch: 553677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1	
MB 570-553677/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-553677/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-553677/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-143376-A-3-A MS	Matrix Spike	Total/NA	Water	625.1	
380-143376-A-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Prep Batch: 555182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1	
MB 570-555182/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-555182/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-555182/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 556409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-553677/1-A	Method Blank	Total/NA	Water	625.1 SIM	553677
LCS 570-553677/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	553677
LCSD 570-553677/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	553677

Analysis Batch: 557358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143376-A-3-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	553677
380-143376-A-3-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	553677

Analysis Batch: 557573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1 SIM	555182
MB 570-555182/1-A	Method Blank	Total/NA	Water	625.1 SIM	555182

Analysis Batch: 558159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-553677/1-A	Method Blank	Total/NA	Water	625.1	553677

Analysis Batch: 558249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-555182/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	555182
LCSD 570-555182/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	555182

Analysis Batch: 558582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	553677
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1	553677

Analysis Batch: 558586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	553677

GC VOA

Analysis Batch: 558265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	8015B GRO LL	
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	8015B GRO LL	
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TPC	Total/NA	Water	8015B GRO LL	
MB 570-558265/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-558265/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-558265/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-558265/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-144829-C-3 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-144829-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 145540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	505	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	505	
MB 380-145540/3-A	Method Blank	Total/NA	Water	505	
LCS 380-145540/28-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-145540/30-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-145540/31-A	Lab Control Sample	Total/NA	Water	505	
LCSD 380-145540/29-A	Lab Control Sample Dup	Total/NA	Water	505	
MRL 380-145540/1-A	Lab Control Sample	Total/NA	Water	505	
MRL 380-145540/2-A	Lab Control Sample	Total/NA	Water	505	
380-143067-AP-1-A MS	Matrix Spike	Total/NA	Water	505	
380-143067-AR-1-A MS	Matrix Spike	Total/NA	Water	505	
380-143769-BU-1-A MS	Matrix Spike	Total/NA	Water	505	
380-143769-BV-1-A MS	Matrix Spike	Total/NA	Water	505	

Analysis Batch: 145827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	505	145540
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	505	145540
MB 380-145540/3-A	Method Blank	Total/NA	Water	505	145540
LCS 380-145540/28-A	Lab Control Sample	Total/NA	Water	505	145540
LCS 380-145540/30-A	Lab Control Sample	Total/NA	Water	505	145540
LCS 380-145540/31-A	Lab Control Sample	Total/NA	Water	505	145540
LCSD 380-145540/29-A	Lab Control Sample Dup	Total/NA	Water	505	145540
MRL 380-145540/1-A	Lab Control Sample	Total/NA	Water	505	145540
MRL 380-145540/2-A	Lab Control Sample	Total/NA	Water	505	145540
380-143067-AP-1-A MS	Matrix Spike	Total/NA	Water	505	145540
380-143067-AR-1-A MS	Matrix Spike	Total/NA	Water	505	145540
380-143769-BU-1-A MS	Matrix Spike	Total/NA	Water	505	145540
380-143769-BV-1-A MS	Matrix Spike	Total/NA	Water	505	145540

Prep Batch: 146213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	504.1	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	504.1	
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	504.1	
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TPC	Total/NA	Water	504.1	

GC Semi VOA (Continued)

Prep Batch: 146213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MBL 380-146213/4-A	Method Blank	Total/NA	Water	504.1	
LCS 380-146213/29-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-146213/2-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-146213/3-A	Lab Control Sample	Total/NA	Water	504.1	
380-144238-DR-1-A MS	Matrix Spike	Total/NA	Water	504.1	
380-144238-DS-1-A DU	Duplicate	Total/NA	Water	504.1	

Analysis Batch: 146555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	504.1	146213
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	504.1	146213
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	504.1	146213
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TPC	Total/NA	Water	504.1	146213
MBL 380-146213/4-A	Method Blank	Total/NA	Water	504.1	146213
LCS 380-146213/29-A	Lab Control Sample	Total/NA	Water	504.1	146213
MRL 380-146213/2-A	Lab Control Sample	Total/NA	Water	504.1	146213
MRL 380-146213/3-A	Lab Control Sample	Total/NA	Water	504.1	146213
380-144238-DR-1-A MS	Matrix Spike	Total/NA	Water	504.1	146213
380-144238-DS-1-A DU	Duplicate	Total/NA	Water	504.1	146213

Prep Batch: 554296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	3510C	
MB 570-554296/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-554296/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-554296/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-554296/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-143376-B-3-B MS	Matrix Spike	Total/NA	Water	3510C	
380-143376-B-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 557182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	8015B	
MB 570-557182/3	Method Blank	Total/NA	Water	8015B	
LCS 570-557182/4	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-557182/5	Lab Control Sample Dup	Total/NA	Water	8015B	
MRL 570-557182/6	Lab Control Sample	Total/NA	Water	8015B	
380-143415-AC-1 MS	Matrix Spike	Total/NA	Water	8015B	
380-143415-AC-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

Analysis Batch: 557672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	554296
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	8015B	554296
MB 570-554296/1-A	Method Blank	Total/NA	Water	8015B	554296
LCS 570-554296/2-A	Lab Control Sample	Total/NA	Water	8015B	554296
LCSD 570-554296/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	554296
MRL 570-554296/4-A	Lab Control Sample	Total/NA	Water	8015B	554296
380-143376-B-3-B MS	Matrix Spike	Total/NA	Water	8015B	554296

GC Semi VOA (Continued)

Analysis Batch: 557672 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143376-B-3-C MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	554296

HPLC/IC

Analysis Batch: 145589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	300.0	
MB 380-145589/39	Method Blank	Total/NA	Water	300.0	
LCS 380-145589/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-145589/43	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-145589/40	Lab Control Sample	Total/NA	Water	300.0	
MRL 380-145589/41	Lab Control Sample	Total/NA	Water	300.0	
380-143885-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-143885-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
380-143894-A-3 MS	Matrix Spike	Total/NA	Water	300.0	
380-143894-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 145652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	300.0	
MB 380-145652/4	Method Blank	Total/NA	Water	300.0	
LCS 380-145652/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-145652/8	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-145652/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 380-145652/6	Lab Control Sample	Total/NA	Water	300.0	
380-143838-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-143838-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	

Analysis Batch: 146132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	300.0	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	300.0	
MB 380-146132/6	Method Blank	Total/NA	Water	300.0	
LCS 380-146132/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-146132/8	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-146132/5	Lab Control Sample	Total/NA	Water	300.0	
380-143829-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-143829-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
380-143852-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
380-143852-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 145810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total Recoverable	Drinking Water	200.8	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total Recoverable	Drinking Water	200.8	
MBL 380-145810/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 380-145810/3-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 380-145810/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	

Metals (Continued)

Prep Batch: 145810 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 380-145810/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
380-143673-B-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	
380-143673-B-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 145860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.7 Rev 4.4	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	200.7 Rev 4.4	
MBL 380-145860/129	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 380-145860/132	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LCSD 380-145860/133	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-145860/130	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-145860/131	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
380-143952-A-3 MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	
380-143952-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 145975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.8	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	200.8	
MBL 380-145975/83	Method Blank	Total/NA	Water	200.8	
LCS 380-145975/85	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-145975/86	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-145975/84	Lab Control Sample	Total/NA	Water	200.8	
380-143804-F-1 MS	Matrix Spike	Total/NA	Water	200.8	
380-143804-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 146188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.8	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	200.8	
MBL 380-146188/14	Method Blank	Total/NA	Water	200.8	
LCS 380-146188/16	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-146188/17	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-146188/15	Lab Control Sample	Total/NA	Water	200.8	
380-143838-1 MS	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.8	
380-143838-1 MSD	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	200.8	

Analysis Batch: 146191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total Recoverable	Drinking Water	200.8	145810
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total Recoverable	Drinking Water	200.8	145810
MBL 380-145810/1-A	Method Blank	Total Recoverable	Water	200.8	145810
LCS 380-145810/3-A	Lab Control Sample	Total Recoverable	Water	200.8	145810
LCSD 380-145810/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	145810
LLCS 380-145810/2-A	Lab Control Sample	Total Recoverable	Water	200.8	145810
380-143673-B-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	145810
380-143673-B-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	145810

General Chemistry

Analysis Batch: 145520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2540C	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 2540C	
MB 380-145520/1	Method Blank	Total/NA	Water	SM 2540C	
HLCS 380-145520/5	Lab Control Sample	Total/NA	Water	SM 2540C	
LCS 380-145520/4	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-145520/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-145520/3	Lab Control Sample	Total/NA	Water	SM 2540C	
380-143761-H-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 145796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2320B	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 2320B	
MB 380-145796/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 380-145796/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 380-145796/19	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 380-145796/5	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 380-145796/3	Lab Control Sample	Total/NA	Water	SM 2320B	
380-143347-E-1 MS	Matrix Spike	Total/NA	Water	SM 2320B	
380-143347-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 2320B	
380-143347-E-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 145799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 H+ B	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 4500 H+ B	
MB 380-145799/5	Method Blank	Total/NA	Water	SM 4500 H+ B	
LCS 380-145799/6	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 380-145799/18	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
380-143347-E-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 145802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 2510B	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 2510B	
MB 380-145802/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 380-145802/5	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 380-145802/17	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
MRL 380-145802/4	Lab Control Sample	Total/NA	Water	SM 2510B	
380-143347-E-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Analysis Batch: 145804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 F C	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 4500 F C	
MB 380-145804/44	Method Blank	Total/NA	Water	SM 4500 F C	
MB 380-145804/78	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 380-145804/46	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCS 380-145804/80	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCSD 380-145804/47	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	
LCSD 380-145804/81	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	

General Chemistry (Continued)

Analysis Batch: 145804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-145804/45	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MRL 380-145804/79	Lab Control Sample	Total/NA	Water	SM 4500 F C	
380-143457-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-143457-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
380-143457-A-2 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-143457-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 145902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	SM 4500 S2 D	
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	SM 4500 S2 D	
MB 380-145902/3	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 380-145902/5	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
LCSD 380-145902/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 D	
MRL 380-145902/16	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
MRL 380-145902/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
380-143927-J-2 MS	Matrix Spike	Total/NA	Water	SM 4500 S2 D	
380-143927-J-2 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 D	

Lab Chronicle

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

Job ID: 380-143838-1
SDG: Quarterly

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

Lab Sample ID: 380-143838-1

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

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	145654	WE3W	EA POM	04/06/25 01:02
Total/NA	Analysis	524.2		1	145599	Q6AD	EA POM	04/05/25 08:21
Total/NA	Analysis	524.2		1	145767	C4WQ	EA POM	04/05/25 08:21
Total/NA	Prep	525.2			145789	KRD3	EA POM	04/07/25 08:00
Total/NA	Analysis	525.2		1	145979	Q8LA	EA POM	04/08/25 14:33
Total/NA	Prep	625.1			553677	S8LD	EET CAL 4	04/04/25 09:08
Total/NA	Analysis	625.1		1	558582	PQS1	EET CAL 4	04/16/25 16:25
Total/NA	Prep	625.1			553677	S8LD	EET CAL 4	04/04/25 09:08
Total/NA	Analysis	625.1 SIM		1	558586	PQS1	EET CAL 4	04/16/25 08:29
Total/NA	Analysis	8015B GRO LL		1	558265	BH4T	EET CAL 4	04/15/25 18:31
Total/NA	Prep	504.1			146213	LZ8Q	EA POM	04/09/25 11:50 - 04/09/25 12:45 [1]
Total/NA	Analysis	504.1		1	146555	LZ8Q	EA POM	04/09/25 16:58
Total/NA	Prep	505			145540	DR5R	EA POM	04/04/25 15:40 - 04/04/25 16:50 [1]
Total/NA	Analysis	505		1	145827	DR5R	EA POM	04/05/25 09:22
Total/NA	Prep	3510C			554296	H6FE	EET CAL 4	04/06/25 17:06
Total/NA	Analysis	8015B		1	557672	NR	EET CAL 4	04/14/25 20:33
Total/NA	Analysis	8015B		1	557182	ZE2W	EET CAL 4	04/12/25 18:15
Total/NA	Analysis	300.0		1	145589	BG6L	EA POM	04/04/25 22:17
Total/NA	Analysis	300.0		1	146132	UNJR	EA POM	04/09/25 05:57
Total/NA	Analysis	300.0		2	145652	DXD4	EA POM	04/05/25 13:09
Total/NA	Analysis	200.7 Rev 4.4		1	145860	MF7S	EA POM	04/07/25 13:45
Total Recoverable	Prep	200.8			145810	Z45W	EA POM	04/07/25 10:20
Total Recoverable	Analysis	200.8		1	146191	T8BB	EA POM	04/08/25 14:46
Total/NA	Analysis	200.8		1	146188	T8BB	EA POM	04/08/25 12:58
Total/NA	Analysis	200.8		1	145975	T8BB	EA POM	04/07/25 14:55
Total/NA	Analysis	SM 2320B		1	145796	PK4Q	EA POM	04/04/25 19:43
Total/NA	Analysis	SM 2510B		1	145802	PK4Q	EA POM	04/04/25 19:43
Total/NA	Analysis	SM 2540C		1	145520	UJRF	EA POM	04/04/25 16:23
Total/NA	Analysis	SM 4500 F C		1	145804	PK4Q	EA POM	04/04/25 23:46
Total/NA	Analysis	SM 4500 H+ B		1	145799	PK4Q	EA POM	04/04/25 19:43
Total/NA	Analysis	SM 4500 S2 D		1	145902	MH2L	EA POM	04/07/25 17:38

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

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	145654	WE3W	EA POM	04/06/25 01:24
Total/NA	Analysis	524.2		1	145599	Q6AD	EA POM	04/05/25 08:44
Total/NA	Analysis	524.2		1	145767	C4WQ	EA POM	04/05/25 08:44

Lab Chronicle

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

Job ID: 380-143838-1
SDG: Quarterly

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-2

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			145789	KRD3	EA POM	04/07/25 08:00
Total/NA	Analysis	525.2		1	145979	Q8LA	EA POM	04/08/25 17:15
Total/NA	Prep	625.1			553677	S8LD	EET CAL 4	04/04/25 20:19
Total/NA	Analysis	625.1		1	558582	PQS1	EET CAL 4	04/16/25 16:48
Total/NA	Prep	625.1			555182	UD4J	EET CAL 4	04/08/25 13:10
Total/NA	Analysis	625.1 SIM		1	557573	PQS1	EET CAL 4	04/14/25 17:48
Total/NA	Analysis	8015B GRO LL		1	558265	BH4T	EET CAL 4	04/15/25 18:56
Total/NA	Prep	504.1			146213	LZ8Q	EA POM	04/09/25 11:50 - 04/09/25 12:45 [1]
Total/NA	Analysis	504.1		1	146555	LZ8Q	EA POM	04/09/25 17:20
Total/NA	Prep	505			145540	DR5R	EA POM	04/04/25 15:40 - 04/04/25 16:50 [1]
Total/NA	Analysis	505		1	145827	DR5R	EA POM	04/05/25 09:44
Total/NA	Prep	3510C			554296	H6FE	EET CAL 4	04/06/25 17:06
Total/NA	Analysis	8015B		1	557672	NR	EET CAL 4	04/14/25 20:55
Total/NA	Analysis	8015B		1	557182	ZE2W	EET CAL 4	04/12/25 18:37
Total/NA	Analysis	300.0		1	145589	BG6L	EA POM	04/04/25 22:43
Total/NA	Analysis	300.0		1	146132	UNJR	EA POM	04/09/25 08:35
Total/NA	Analysis	300.0		2	145652	DXD4	EA POM	04/05/25 13:47
Total/NA	Analysis	200.7 Rev 4.4		1	145860	MF7S	EA POM	04/07/25 13:47
Total Recoverable	Prep	200.8			145810	Z45W	EA POM	04/07/25 10:20
Total Recoverable	Analysis	200.8		1	146191	T8BB	EA POM	04/08/25 14:49
Total/NA	Analysis	200.8		1	146188	T8BB	EA POM	04/08/25 13:08
Total/NA	Analysis	200.8		1	145975	T8BB	EA POM	04/07/25 14:57
Total/NA	Analysis	SM 2320B		1	145796	PK4Q	EA POM	04/04/25 19:35
Total/NA	Analysis	SM 2510B		1	145802	PK4Q	EA POM	04/04/25 19:35
Total/NA	Analysis	SM 2540C		1	145520	UJRF	EA POM	04/04/25 16:23
Total/NA	Analysis	SM 4500 F C		1	145804	PK4Q	EA POM	04/04/25 22:54
Total/NA	Analysis	SM 4500 H+ B		1	145799	PK4Q	EA POM	04/04/25 19:35
Total/NA	Analysis	SM 4500 S2 D		1	145902	MH2L	EA POM	04/07/25 17:38

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

Lab Sample ID: 380-143838-3

Date Collected: 04/02/25 09:49
Date Received: 04/04/25 10:36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	145654	WE3W	EA POM	04/06/25 01:47
Total/NA	Analysis	524.2		1	145599	Q6AD	EA POM	04/05/25 09:07
Total/NA	Analysis	8015B GRO LL		1	558265	BH4T	EET CAL 4	04/15/25 16:27
Total/NA	Prep	504.1			146213	LZ8Q	EA POM	04/09/25 11:50 - 04/09/25 12:45 [1]
Total/NA	Analysis	504.1		1	146555	LZ8Q	EA POM	04/09/25 15:33

Lab Chronicle

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

Job ID: 380-143838-1
SDG: Quarterly

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-143838-4

Date Collected: 04/02/25 10:24
Date Received: 04/04/25 10:36

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	145654	WE3W	EA POM	04/06/25 02:09
Total/NA	Analysis	524.2		1	145599	Q6AD	EA POM	04/05/25 09:30
Total/NA	Analysis	8015B GRO LL		1	558265	BH4T	EET CAL 4	04/15/25 16:52
Total/NA	Prep	504.1			146213	LZ8Q	EA POM	04/09/25 11:50 - 04/09/25 12:45 [1]
Total/NA	Analysis	504.1		1	146555	LZ8Q	EA POM	04/09/25 15:55

[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 Eaton Analytical 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: 380-143838-1
SDG: Quarterly

Laboratory: Eurofins Eaton Analytical 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	04-10-25

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		Drinking Water	Tertiary Butyl Alcohol (TBA)
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
524.2		Water	Tertiary Butyl Alcohol (TBA)
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)

Accreditation/Certification Summary

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

Job ID: 380-143838-1
SDG: Quarterly

Laboratory: Eurofins Eaton Analytical 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	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde
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
Arizona	State	AZ0830	11-16-25
Arkansas DEQ	State	88-01672	07-02-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25
California	State	3082	07-31-25
Kansas	NELAP	E-10420	07-31-25
Nevada	State	CA00111	07-31-25
Oregon	NELAP	4175	02-02-26
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	10-11-25

Method Summary

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

Job ID: 380-143838-1
SDG: Quarterly

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethanes	EPA-DW	EA POM
524.2	Volatile Organic Compounds (GC/MS SIM)	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 Eaton Analytical 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: 380-143838-1
SDG: Quarterly

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-143838-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	04/02/25 09:49	04/04/25 10:36	HI0000331
380-143838-2	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Drinking Water	04/02/25 10:24	04/04/25 10:36	HI0000331
380-143838-3	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Water	04/02/25 09:49	04/04/25 10:36	
380-143838-4	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Water	04/02/25 10:24	04/04/25 10:36	

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: Arada, Rachelle	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 808-748-5840	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin:	Page: Page 1 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

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)	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_Prep_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	246.1 - 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:			R	N	D	N	CB	HA	M	N	D	RA	D	N	R		
Aiea Gulch Wells P1	2-Apr-2025	0949	G	Water		6	1	1	1	1	6	3	2	1	3	2	2	2		(631A) 4.8+0.0=4.8
Aiea Gulch Wells P2	2-Apr-2025	1024	G	Water		6	1	1	1	1	6	3	2	1	3	2	2	2		FedEx: 880268479304
TB: Aiea Gulch Wells P1	2-Apr-2025	0949									2				2					
TB: Aiea Gulch Wells P2	2-Apr-2025	1024									2				2					

380-143838 COC

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: FedEx: 8802 6847 9290
[redacted]	Date/Time: 02/20/11/2025 1400	Company: HBWS	Received by: [redacted] Date/Time: 4/4/25 1036 Company: SEAP
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: (631A) 4.5+0.0=4.5 gel- frozen

Ver: 01/16/2019

4/21/2025

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: Arada, Rachelle	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:	Analysis Requested		Job #:
Address: 630 South Beretania Street; Chemistry Lab	Due Date Requested:			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)
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#:			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 - Local Method	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	R	X	
Aiea Gulch Wells P1				Water					(63(A) 4.8 +0.0 - 4.8
Aiea Gulch Wells P2				Water					FedX: 8802 6847 9304
TB: Aiea Gulch Wells P1	2-Apr-2025	0949					2		
TB: Aiea Gulch Wells P2	2-Apr-2025	1024					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 8802 6847 9290

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Bailey	02 Apr 2025 1400	HBWS	M Wakukrutin	4/4/25 1036	EEAE
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(A) 4.5 +0.0 4.5 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: Arada, Rachelle	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 808-748-5840	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin:	Page: Page 1 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

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)	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	8.24.2_Prep_PREC, 624.2_SIM_PREC	625.2_PREC - 625plus 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_C8 - 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:			R	N	D	N	CB	HA	N	N	D	RA	Q	N	R		
Aiea Gulch Wells P1	2-Apr-2025	0949	G	Water		6	1	1	1	1	6	3	2	1	3	2	2	2		(631A) 4.8+0.0=4.8 FedEx: 880268479304
Aiea Gulch Wells P2	2-Apr-2025	1024	G	Water		6	1	1	1	1	6	3	2	1	3	2	2	2		
TB: Aiea Gulch Wells P1	2-Apr-2025	0949									2				2					
TB: Aiea Gulch Wells P2	2-Apr-2025	1024									2				2					

380-143838 COC

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: FedEx: 8802 6847 9290

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Bailey	02 Apr 2025 1400	HBWS	[redacted]	4/4/25 1036	FEDEX
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: (631) 4.5+0.0=4.5 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: Arada, Rachelle	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Rachelle.Arada@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 P1				Water					(63(A) 4.8 +0.0 = 4.8
Aiea Gulch Wells P2				Water					FedX: 8802 6847 9304
TB: Aiea Gulch Wells P1	2-Apr-2025	0949					2		
TB: Aiea Gulch Wells P2	2-Apr-2025	1024					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: FedX: 8802 6847 9290		
Relinquished by: Bailey	Date/Time: 02Apr/2025 1400	Company: HBWS	Received by: Michael Clark Urcutia	Date/Time: 4/4/25 1036	Company: EEHP
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(A) 4.5 +0.0 4.5 gel-frozen		

Ver: 01/16/2019

1. **Ensure there are no other shipping or tracking labels attached to your package.** Select the Print button on the print dialog box that appears. Note: If your browser does not support this function select Print from the File menu to print the label.

2. **Fold the printed label at the solid line below.** Place the label in a UPS Shipping Pouch. If you do not have a pouch, affix the folded label using clear plastic shipping tape over the entire label.

3. GETTING YOUR SHIPMENT TO UPS

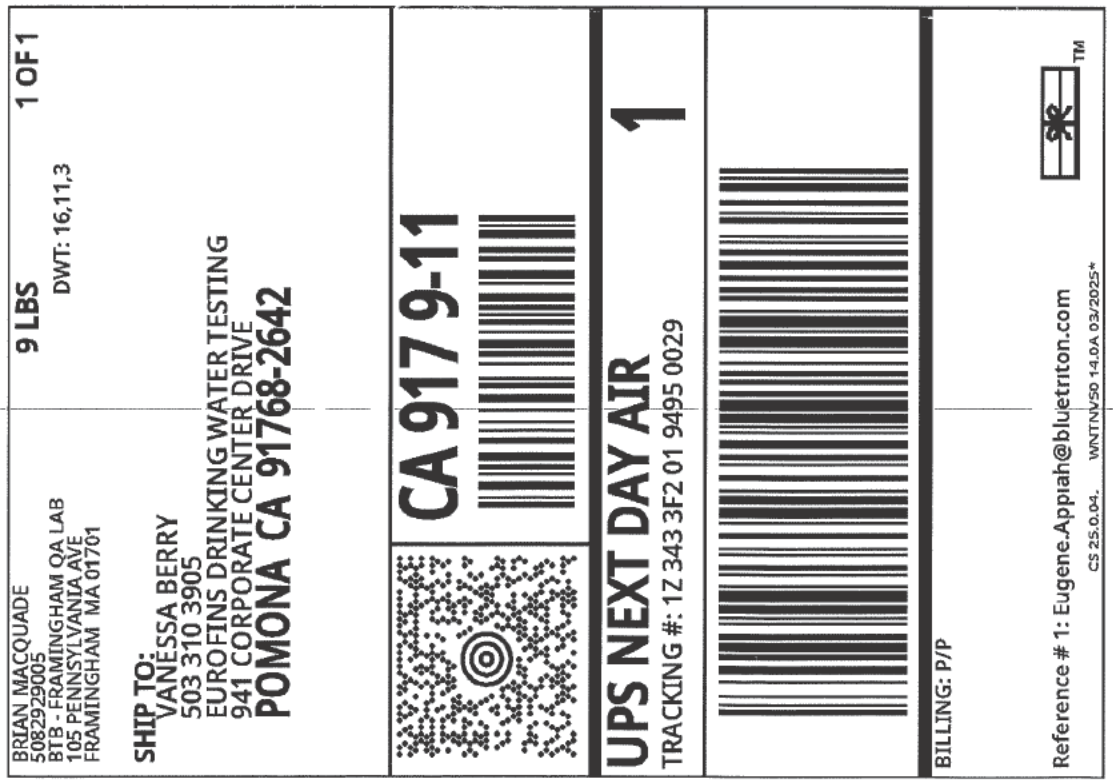
   Customers with a Daily Pickup

   Your driver will pickup your shipment(s) as usual.

   Customers without a Daily Pickup

   Schedule a same day or future day Pickup to have a UPS driver pickup all your CampusShip packages.
   Hand the package to any UPS driver in your area.
   Take your package to any location of The UPS Store®, UPS Drop Box, UPS Customer Center, Staples® or Authorized Shipping Outlet near you. Items sent via UPS Return Services(SM) (including via Ground) are also accepted at Drop Boxes. To find the location nearest you, please visit the Resources area of CampusShip and select UPS Locations.

FOLD HERE



Eurofins Eaton Analytical South Bend
110 S Hill Street
South Bend IN 46617
Phone. 574-233-4777 Fax: 574-233-8207

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 810-54623 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page ~~1 of 2~~ 1 of 1
Company: Eurofins Eaton Analytical		Accreditations Required (See note): State - Hawaii		Job #: 380-143838-1 04-14-2025 LOT
Address: 941 Corporate Center Drive, ,	Due Date Requested: 4/16/2025			Preservation Codes: -
City: Pomona	TAT Requested (days): N/A			
State, Zip: CA, 91768-2642				
Phone: 626-386-1100(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

Analysis Requested

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)	525.2_PREC/525.2_Prep (MOD) 525plus Plus TICs	200.7/Auto_ME_NoPrep (MOD) Custom	200.8/Auto_ME_NoPrep (MOD) Metals, Priority Pollutant by 200.	2320B/ (MOD) Total Alkalinity	2510B/ Conductivity	2540C_Calcd/ Total Dissolved Solids (TDS)	300_OF_14D_B/ Bromide	300_OF_28D_PREC/ Chloride and Sulfate	300_OF_48H_PREC/ Nitrite, Nitrate, and Nitrite+Nitrate	4500_F_C/ Fluoride	504.1_PREC/504.1_Prep EDB, DBCP and 1,2,3-TCP (GC)	524.2_Pres_PREC/ VOASDWA plus TICs + Acetone	524.2_TTHM_Sum/ Total Trihalomethanes	Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-143838-1)	4/2/25	09 49 Hawaiian	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	1	Analyze TB
AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-143838-2)	4/2/25	10.24 Hawaiian	G	Water			X	X	X	X	X	X	X	X	X	X	X	X	X	1	Analyze TB

Only Highlighted Samples 04/14/2025 km

Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, 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 Eaton Analytical, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Eaton Analytical, LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Eaton Analytical, 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. 4398 0483 3930
Empty Kit Relinquished by:	Date. Time. Method of Shipment: FEDEX

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Heather Morfitt	04/14/2025 1316			4/15-25 10.20	EEA
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: ∆ Yes ∆ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: GSOA 21.7+0.0=21.7C NO ICE

Page 112 of 115

4/21/2025

Loc: 380
143838

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona, CA 91768-2642
Phone: 626-386-1100

Chain of Custody Record

eurofins | Environ

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Arada, Rachelle	Carrier Tracking No(s): N/A	COC No: 380-203938.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - Hawaii		Job #: 380-143838-1
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 4/17/2025	Analysis Requested		Preservation Codes: -
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			Other: 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_DRO_LL_CS/3510C_LL HNL Ranges: C10-C24/C24-C36/C8-C18	625.1_SIM/625_Prep (MOD) Extended PAH List	625.1/625_Prep (MOD) Tentatively Identified Compounds (Hold)	8015B_GRO_LL/5030C (MOD) GRO	8015B_DAI/ Ethanol	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-143838-1)	4/2/25	09:49 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed. Confirm any hits >RL.
AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-143838-2)	4/2/25	10:24 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-143838	4/2/25	09:49 Hawaiian	G	Water						X		2	MRLs are needed.
TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-143838	4/2/25	10:24 Hawaiian	G	Water						X		2	MRLs are needed.

380-143838 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, 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 Eaton Analytical, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Eaton Analytical, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Eaton Analytical, 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
Mark Urcuf's	4/4/25 1548	EEAP		4/4/25 1550	EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.1/0.6 SCD 1.4/1.9 SCD

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-143838-1
SDG Number: Quarterly

Login Number: 143838
List Number: 1
Creator: Segura, Ryan

List Source: Eurofins Eaton Analytical 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: 380-143838-1
SDG Number: Quarterly

Login Number: 143838
List Number: 2
Creator: Ablian, Samantha

List Source: Eurofins Calscience
List Creation: 04/04/25 05:53 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	0.6 & 1.9
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?	N/A	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	