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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: Moanalua Wells, Halawa Wells Units 1&2 P1
RUSH Weekly Red Hill

JOB NUMBER

380-174497-1

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
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Table of Contents

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
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

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 VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.

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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
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
380-174497-1

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

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

Receipt
The samples were received on 10/2/2025 10:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.8°C, 3.2°C, 4.8°C and 5.6°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: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-636448.
Method 625.1_SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-636448 and analytical batch 570-639157 recovered outside control limits for the following analyte(s): 4-Chloroaniline, Aniline and Benzidine. 4-Chloroaniline, Aniline and Benzidine have been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.
Method 625.1_SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-636448 and analytical batch 570-639157 recovered outside control limits for multiple compounds.
Method 625.1 SIM: The laboratory control sample duplicate (LCSD) for preparation batch 570-636448 and analytical batch 570-639157 recovered outside control limits for multiple compounds and surrogates. HT expired, therefore no re-extraction. The data has been reported per PM/Client request.

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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-636670. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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

Hydrocarbons
Method 8015B_DAI: The continuing calibration verification (CCV) associated with 570-637626 recovered high and outside the control limits for Ethanol and Hexafluoro-2-propanol (Surr) on one column. Results are confirmed on both columns and reported from the passing column.

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_48H_PREC: The following samples were diluted for Nitrite as N to prevent detector saturation due to high conductivity: MOANALUA WELLS (331-223-TP202) (380-174497-1) and HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065) (380-174497-2). Elevated reporting limits (RLs) are provided.

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

Metals
Method 200.8: The continuing calibration blank (CCB) for analytical batch 380-177970 contained Selenium above the method detection limit (MDL). All reported samples associated with this CCB contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

General Chemistry
Method SM4500_S2_D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 380-177858 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Detection Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: MOANALUA WELLS (331-223-TP202) Lab Sample ID: 380-174497-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Trihalomethanes, Total	0.61		0.50		ug/L	1		524.2	Total/NA
Bromoform	0.61		0.50		ug/L	1		524.2	Total/NA
Dieldrin	0.022		0.0096		ug/L	1		525.2	Total/NA
Bromide	230		5.0		ug/L	1		300.0	Total/NA
Chloride	99		2.5		mg/L	5		300.0	Total/NA
Nitrate as N	0.57		0.25		mg/L	5		300.0	Total/NA
Sulfate	15		1.3		mg/L	5		300.0	Total/NA
Calcium	19		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	18		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	2.4		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	43		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	2.3		0.90		ug/L	1		200.8	Total/NA
Copper	9.7		1.0		ug/L	1		200.8	Total/NA
Selenium	3.2	^2	2.0		ug/L	1		200.8	Total/NA
Alkalinity	61		4.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	61		4.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	470		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	290		20		mg/L	1		SM 2540C	Total/NA
pH	8.0	HF			SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065) Lab Sample ID: 380-174497-2

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.035		0.0096		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		0.0096		ug/L	1		525.2	Total/NA
Chlordane (n.o.s.)	0.28		0.10		ug/L	1		505	Total/NA
Bromide	700		25		ug/L	5		300.0	Total/NA
Chloride	200		2.5		mg/L	5		300.0	Total/NA
Nitrate as N	1.5		0.10		mg/L	2		300.0	Total/NA
Sulfate	45		0.50		mg/L	2		300.0	Total/NA
Calcium	34		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	32		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	3.9		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	74		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	2.4		0.90		ug/L	1		200.8	Total/NA
Selenium	3.1	^2	2.0		ug/L	1		200.8	Total/NA
Zinc	19		5.0		ug/L	1		200.8	Total/NA
Alkalinity	64		4.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	64		4.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	830		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	570		20		mg/L	1		SM 2540C	Total/NA
Fluoride	0.055		0.050		mg/L	1		SM 4500 F C	Total/NA
pH	7.8	HF			SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202) Lab Sample ID: 380-174497-3

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: City & County of Honolulu
Job ID: 380-174497-1
Project/Site: RED-HILL
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)

Lab Sample ID: 380-174497-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1

Matrix: Water
PWSID Number: HI0000331

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	**0.61**		0.50		ug/L			10/03/25 13:42	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			10/03/25 13:42	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			10/03/25 13:42	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/03/25 13:42	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 13:42	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 13:42	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/03/25 13:42	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/03/25 13:42	1
Acetone	<500		500		ug/L			10/03/25 13:42	1
Benzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Bromobenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Bromoform	**0.61**		0.50		ug/L			10/03/25 13:42	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 13:42	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 13:42	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 13:42	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 13:42	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 13:42	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 13:42	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 13:42	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/06/25 20:38	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 13:42	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 13:42	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/06/25 20:38	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
m,p-Xylenes	<0.50	^3+	0.50		ug/L			10/03/25 13:42	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 13:42	1

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: MOANALUA WELLS (331-223-TP202)
Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1
Matrix: 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
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 13:42	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 13:42	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 13:42	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 13:42	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 13:42	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 13:42	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 13:42	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 13:42	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Styrene	<0.50		0.50		ug/L			10/03/25 13:42	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 13:42	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 13:42	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 13:42	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 13:42	1
Toluene	<0.50		0.50		ug/L			10/03/25 13:42	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 13:42	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 13:42	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 13:42	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/06/25 20:38	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/06/25 20:38	1
Vinyl Chloride (VC)	<0.30	^3+	0.30		ug/L			10/03/25 13:42	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 13:42	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/03/25 13:42*	*1*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/06/25 20:38*	*1*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/08/25 06:09*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*10/03/25 13:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*10/06/25 20:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*10/08/25 06:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/03/25 13:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*10/06/25 20:38*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*10/08/25 06:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 13:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/06/25 20:38*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/08/25 06:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*10/03/25 13:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*10/06/25 20:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*10/08/25 06:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/03/25 13:42*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*10/06/25 20:38*	*1*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*10/08/25 06:09*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 13:42*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/06/25 20:38*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/08/25 06:09*	*1*

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1

Matrix: Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
2,4'-DDE	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
2,4'-DDT	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
2,4-Dinitrotoluene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
2,6-Dinitrotoluene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
4,4'-DDD	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
4,4'-DDE	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
4,4'-DDT	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Acenaphthene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Acenaphthylene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Acetochlor	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Alachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
alpha-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
alpha-Chlordane	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Anthracene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:15	1
Atrazine	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Benz(a)anthracene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Benzo[a]pyrene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:15	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:15	1
Benzo[g,h,i]perylene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:15	1
beta-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		10/03/25 09:45	10/06/25 14:15	1
Aldrin	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Bromacil	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Butachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Butylbenzylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:15	1
Chlorobenzilate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Chloroneb	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Chlorothalonil (Draconil, Bravo)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Chlorpyrifos	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Chrysene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:15	1
delta-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		10/03/25 09:45	10/06/25 14:15	1
Dibenz(a,h)anthracene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Diclorvos (DDVP)	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Dieldrin	**0.022**		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Diethylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:15	1
Dimethylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:15	1
Di-n-butyl phthalate	<0.96		0.96		ug/L		10/03/25 09:45	10/06/25 14:15	1
Di-n-octyl phthalate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Endosulfan I (Alpha)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Endosulfan II (Beta)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Endosulfan sulfate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Endrin	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Endrin aldehyde	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
EPTC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Fluoranthene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Fluorene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1

Matrix: Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
gamma-BHC (Lindane)	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
gamma-Chlordane	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Heptachlor	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Heptachlor epoxide (isomer B)	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Hexachlorobenzene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Hexachlorocyclopentadiene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Indeno[1,2,3-cd]pyrene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Isophorone	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Malathion	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Methoxychlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Metolachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Molinate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Naphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Parathion	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Pendimethalin (Penoxaline)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Phenanthrene	<0.039		0.039		ug/L		10/03/25 09:45	10/06/25 14:15	1
Propachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Pyrene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Simazine	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Terbacil	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Terbuthylazine	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Thiobencarb	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		10/03/25 09:45	10/06/25 14:15	1
trans-Nonachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:15	1
Trifluralin	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
1-Methylnaphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1
2-Methylnaphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/03/25 09:45*	*10/06/25 14:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*97*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:15*	*1*
Perylene-d12	*91*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:15*	*1*
Triphenylphosphate	*100*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:15*	*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	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
2,4,5-Trichlorophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
2,4,6-Trichlorophenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
2,4-Dichlorophenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
2,4-Dinitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
2,6-Dichlorophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Chloronaphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Chlorophenol	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Methylnaphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Methylphenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
2-Nitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1

Client Sample ID: MOANALUA WELLS (331-223-TP202)
Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1
Matrix: 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
3/4-Methylphenol	<1.9	*- *1	1.9		ug/L		10/07/25 05:00	10/12/25 10:02	1
3-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
4,6-Dinitro-2-methylphenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Bromophenyl phenyl ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Chloro-3-methylphenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Chloroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Chlorophenyl phenyl ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
4-Nitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
Acenaphthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Acenaphthylene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Aniline	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Anthracene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzidine	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzo[a]anthracene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzo[a]pyrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzo[b]fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzo[g,h,i]perylene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzo[k]fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzoic acid	<9.6	*- *1	9.6		ug/L		10/07/25 05:00	10/12/25 10:02	1
Benzyl alcohol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
Bis(2-chloroethoxy)methane	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Bis(2-chloroethyl)ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
bis (2-Chloroisopropyl) ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Chrysene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Dibenz(a,h)anthracene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Dibenzofuran	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Fluorene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Hexachloroethane	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Indeno[1,2,3-cd]pyrene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Naphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Nitrobenzene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
N-Nitrosodi-n-propylamine	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
N-Nitrosodiphenylamine	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Pentachlorophenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
Phenanthrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1
Phenol	<0.96	*- *1	0.96		ug/L		10/07/25 05:00	10/12/25 10:02	1
Pyrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*	*10/07/25 05:00*	*10/12/25 10:02*	*1*
2-Fluorobiphenyl (Surr)	*90*		*31 - 120*	*10/07/25 05:00*	*10/12/25 10:02*	*1*
2-Fluorophenol (Surr)	*55*		*17 - 120*	*10/07/25 05:00*	*10/12/25 10:02*	*1*
Nitrobenzene-d5 (Surr)	*96*		*27 - 120*	*10/07/25 05:00*	*10/12/25 10:02*	*1*
Phenol-d6 (Surr)	*36*		*10 - 120*	*10/07/25 05:00*	*10/12/25 10:02*	*1*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*	*10/07/25 05:00*	*10/12/25 10:02*	*1*

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1

Matrix: Water
PWSID Number: HI0000331

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	10/07/25 05:00	10/20/25 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	98		33 - 139	10/07/25 05:00	10/20/25 09:37	1
2-Fluorobiphenyl (Surr)	98		33 - 126	10/07/25 05:00	10/20/25 09:37	1
2-Fluorophenol (Surr)	62		12 - 120	10/07/25 05:00	10/20/25 09:37	1
Nitrobenzene-d5 (Surr)	99		36 - 120	10/07/25 05:00	10/20/25 09:37	1
Phenol-d6 (Surr)	37		10 - 120	10/07/25 05:00	10/20/25 09:37	1
p-Terphenyl-d14 (Surr)	101		47 - 131	10/07/25 05:00	10/20/25 09:37	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			10/07/25 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		38 - 134		10/07/25 14:49	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		10/03/25 15:21	10/04/25 02:37	1
1,2-Dibromo-3-Chloropropane	<0.0099		0.0099		ug/L		10/03/25 15:21	10/04/25 02:37	1
1,2-Dibromoethane	<0.0099		0.0099		ug/L		10/03/25 15:21	10/04/25 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	96		60 - 140	10/03/25 15:21	10/04/25 02:37	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		10/06/25 12:58	10/07/25 02:37	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1016	<0.071		0.071		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1221	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1232	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1242	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1248	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1254	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1
PCB-1260	<0.071		0.071		ug/L		10/06/25 12:58	10/07/25 02:37	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		70 - 130	10/06/25 12:58	10/07/25 02:37	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		10/07/25 09:55	10/13/25 04:26	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		10/07/25 09:55	10/13/25 04:26	1
C8-C18	<26		26		ug/L		10/07/25 09:55	10/13/25 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		60 - 130	10/07/25 09:55	10/13/25 04:26	1

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-1

Matrix: Water
PWSID Number: HI0000331

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			10/09/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*93*	*p*	*54 - 120*		*10/09/25 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**230**		5.0		ug/L			10/04/25 04:15	1
Chloride	**99**		2.5		mg/L			10/03/25 04:04	5
Nitrate as N	**0.57**		0.25		mg/L			10/03/25 04:04	5
Nitrite as N	<0.25		0.25		mg/L			10/03/25 04:04	5
Sulfate	**15**		1.3		mg/L			10/03/25 04:04	5

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			10/03/25 16:10	1
Magnesium	**18**		0.10		mg/L			10/03/25 16:10	1
Potassium	**2.4**		0.10		mg/L			10/03/25 16:10	1
Sodium	**43**		0.10		mg/L			10/03/25 16:10	1

Method: EPA 200.8 - Mercury (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L			10/06/25 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			10/03/25 14:01	1
Arsenic	<1.0		1.0		ug/L			10/03/25 14:01	1
Beryllium	<0.30		0.30		ug/L			10/03/25 14:01	1
Cadmium	<0.50		0.50		ug/L			10/03/25 14:01	1
Chromium	**2.3**		0.90		ug/L			10/03/25 14:01	1
Copper	**9.7**		1.0		ug/L			10/03/25 14:01	1
Lead	<0.50		0.50		ug/L			10/03/25 14:01	1
Nickel	<1.0		1.0		ug/L			10/03/25 14:01	1
Selenium	**3.2**	**^2**	2.0		ug/L			10/03/25 14:01	1
Silver	<0.50		0.50		ug/L			10/03/25 14:01	1
Thallium	<0.30		0.30		ug/L			10/03/25 14:01	1
Zinc	<5.0		5.0		ug/L			10/03/25 14:01	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**61**		4.0		mg/L			10/03/25 17:42	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**61**		4.0		mg/L			10/03/25 17:42	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.0		4.0		mg/L			10/03/25 17:42	1
Specific Conductance (SM 2510B)	**470**		2.0		umhos/cm			10/03/25 17:42	1
Total Dissolved Solids (SM 2540C)	**290**		20		mg/L			10/03/25 12:58	1
Fluoride (SM 4500 F C)	<0.050		0.050		mg/L			10/03/25 20:00	1
pH (SM 4500 H+ B)	**8.0**	**HF**			SU			10/03/25 17:42	1
Sulfide (SM 4500 S2 D)	<0.050		0.050		mg/L			10/03/25 15:33	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Matrix: Drinking Water

Date Received: 10/02/25 10:06
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			10/03/25 14:04	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			10/03/25 14:04	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			10/03/25 14:04	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:04	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 14:04	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:04	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/03/25 14:04	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/03/25 14:04	1
Acetone	<500		500		ug/L			10/03/25 14:04	1
Benzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromobenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromoform	<0.50		0.50		ug/L			10/03/25 14:04	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 14:04	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 14:04	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 14:04	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 14:04	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 14:04	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 14:04	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:04	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/08/25 05:46	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 14:04	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 14:04	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/08/25 05:46	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Lab Sample ID: 380-174497-2
Date Collected: 10/01/25 10:10
Matrix: Drinking Water
Date Received: 10/02/25 10:06
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.50	^3+	0.50		ug/L			10/03/25 14:04	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 14:04	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 14:04	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 14:04	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 14:04	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 14:04	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 14:04	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 14:04	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 14:04	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 14:04	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Styrene	<0.50		0.50		ug/L			10/03/25 14:04	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 14:04	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 14:04	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:04	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 14:04	1
Toluene	<0.50		0.50		ug/L			10/03/25 14:04	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 14:04	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:04	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 14:04	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/08/25 05:46	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/08/25 05:46	1
Vinyl Chloride (VC)	<0.30	^3+	0.30		ug/L			10/03/25 14:04	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 14:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/03/25 14:04*	*1*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*10/08/25 05:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*10/03/25 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*10/08/25 05:46*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/03/25 14:04*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*10/08/25 05:46*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 14:04*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/08/25 05:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*10/03/25 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*10/08/25 05:46*	*1*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*10/03/25 14:04*	*1*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*		*10/08/25 05:46*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 14:04*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/08/25 05:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
2,4'-DDE	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Matrix: Drinking Water

Date Received: 10/02/25 10:06
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDT	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
2,4-Dinitrotoluene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
2,6-Dinitrotoluene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
4,4'-DDD	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
4,4'-DDE	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
4,4'-DDT	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Acenaphthene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Acenaphthylene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Acetochlor	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Alachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
alpha-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
alpha-Chlordane	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Anthracene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:35	1
Atrazine	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Benz(a)anthracene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Benzo[a]pyrene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:35	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:35	1
Benzo[g,h,i]perylene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:35	1
beta-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		10/03/25 09:45	10/06/25 14:35	1
Aldrin	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Bromacil	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Butachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Butylbenzylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:35	1
Chlorobenzilate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Chloroneb	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Chlorothalonil (Draconil, Bravo)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Chlorpyrifos	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Chrysene	<0.019		0.019		ug/L		10/03/25 09:45	10/06/25 14:35	1
delta-BHC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		10/03/25 09:45	10/06/25 14:35	1
Dibenz(a,h)anthracene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Diclorvos (DDVP)	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Dieldrin	**0.035**		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Diethylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:35	1
Dimethylphthalate	<0.48		0.48		ug/L		10/03/25 09:45	10/06/25 14:35	1
Di-n-butyl phthalate	<0.96		0.96		ug/L		10/03/25 09:45	10/06/25 14:35	1
Di-n-octyl phthalate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Endosulfan I (Alpha)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Endosulfan II (Beta)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Endosulfan sulfate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Endrin	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Endrin aldehyde	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
EPTC	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Fluoranthene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Fluorene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
gamma-BHC (Lindane)	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Lab Sample ID: 380-174497-2
Date Collected: 10/01/25 10:10
Matrix: Drinking Water
Date Received: 10/02/25 10:06
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
gamma-Chlordane	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Heptachlor	<0.0096		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Heptachlor epoxide (isomer B)	**0.011**		0.0096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Hexachlorobenzene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Hexachlorocyclopentadiene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Indeno[1,2,3-cd]pyrene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Isophorone	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Malathion	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Methoxychlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Metolachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Molinate	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Naphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Parathion	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Pendimethalin (Penoxaline)	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Phenanthrene	<0.039		0.039		ug/L		10/03/25 09:45	10/06/25 14:35	1
Propachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Pyrene	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Simazine	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Terbacil	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Terbuthylazine	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Thiobencarb	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		10/03/25 09:45	10/06/25 14:35	1
trans-Nonachlor	<0.048		0.048		ug/L		10/03/25 09:45	10/06/25 14:35	1
Trifluralin	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
1-Methylnaphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1
2-Methylnaphthalene	<0.096		0.096		ug/L		10/03/25 09:45	10/06/25 14:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/03/25 09:45*	*10/06/25 14:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:35*	*1*
Perylene-d12	*92*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:35*	*1*
Triphenylphosphate	*101*		*70 - 130*	*10/03/25 09:45*	*10/06/25 14:35*	*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	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
2,4,5-Trichlorophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
2,4,6-Trichlorophenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
2,4-Dichlorophenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
2,4-Dinitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
2,6-Dichlorophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Chloronaphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Chlorophenol	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Methylnaphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Methylphenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
2-Nitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Lab Sample ID: 380-174497-2
Date Collected: 10/01/25 10:10
Matrix: Drinking Water
Date Received: 10/02/25 10:06
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
3/4-Methylphenol	<1.9	*- *1	1.9		ug/L		10/07/25 05:00	10/12/25 10:23	1
3-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
4,6-Dinitro-2-methylphenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Bromophenyl phenyl ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Chloro-3-methylphenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Chloroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Chlorophenyl phenyl ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Nitroaniline	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
4-Nitrophenol	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
Acenaphthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Acenaphthylene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Aniline	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Anthracene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzidine	<4.8	*- *1	4.8		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzo[a]anthracene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzo[a]pyrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzo[b]fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzo[g,h,i]perylene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzo[k]fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzoic acid	<9.7	*- *1	9.7		ug/L		10/07/25 05:00	10/12/25 10:23	1
Benzyl alcohol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
Bis(2-chloroethoxy)methane	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Bis(2-chloroethyl)ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
bis (2-Chloroisopropyl) ether	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Chrysene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Dibenz(a,h)anthracene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Dibenzofuran	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Fluoranthene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Fluorene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Hexachloroethane	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Indeno[1,2,3-cd]pyrene	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Naphthalene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Nitrobenzene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
N-Nitrosodi-n-propylamine	<0.19	*1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
N-Nitrosodiphenylamine	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Pentachlorophenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
Phenanthrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1
Phenol	<0.97	*- *1	0.97		ug/L		10/07/25 05:00	10/12/25 10:23	1
Pyrene	<0.19	*- *1	0.19		ug/L		10/07/25 05:00	10/12/25 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*	*10/07/25 05:00*	*10/12/25 10:23*	*1*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*	*10/07/25 05:00*	*10/12/25 10:23*	*1*
2-Fluorophenol (Surr)	*50*		*17 - 120*	*10/07/25 05:00*	*10/12/25 10:23*	*1*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*	*10/07/25 05:00*	*10/12/25 10:23*	*1*
Phenol-d6 (Surr)	*32*		*10 - 120*	*10/07/25 05:00*	*10/12/25 10:23*	*1*
p-Terphenyl-d14 (Surr)	*95*		*45 - 120*	*10/07/25 05:00*	*10/12/25 10:23*	*1*

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Date Collected: 10/01/25 10:10
Date Received: 10/02/25 10:06

Lab Sample ID: 380-174497-2

Matrix: Drinking Water
PWSID Number: HI0000331

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	10/07/25 05:00	10/20/25 10:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		33 - 139	10/07/25 05:00	10/20/25 10:01	1
2-Fluorobiphenyl (Surr)	84		33 - 126	10/07/25 05:00	10/20/25 10:01	1
2-Fluorophenol (Surr)	51		12 - 120	10/07/25 05:00	10/20/25 10:01	1
Nitrobenzene-d5 (Surr)	86		36 - 120	10/07/25 05:00	10/20/25 10:01	1
Phenol-d6 (Surr)	31		10 - 120	10/07/25 05:00	10/20/25 10:01	1
p-Terphenyl-d14 (Surr)	100		47 - 131	10/07/25 05:00	10/20/25 10:01	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			10/07/25 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		38 - 134		10/07/25 15:09	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		10/03/25 15:21	10/04/25 03:00	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010		ug/L		10/03/25 15:21	10/04/25 03:00	1
1,2-Dibromoethane	<0.010		0.010		ug/L		10/03/25 15:21	10/04/25 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	94		60 - 140	10/03/25 15:21	10/04/25 03:00	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		10/06/25 12:58	10/07/25 02:59	1
Chlordane (n.o.s.)	**0.28**		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1016	<0.070		0.070		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1221	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1232	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1242	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1248	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1254	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1
PCB-1260	<0.070		0.070		ug/L		10/06/25 12:58	10/07/25 02:59	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		70 - 130	10/06/25 12:58	10/07/25 02:59	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		10/07/25 09:55	10/13/25 04:47	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		10/07/25 09:55	10/13/25 04:47	1
C8-C18	<26		26		ug/L		10/07/25 09:55	10/13/25 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		60 - 130	10/07/25 09:55	10/13/25 04:47	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Date Received: 10/02/25 10:06

Matrix: Drinking Water
PWSID Number: HI0000331

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			10/09/25 16:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*93*		*54 - 120*		*10/09/25 16:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**700**		25		ug/L			10/04/25 04:41	5
Chloride	**200**		2.5		mg/L			10/03/25 14:43	5
Nitrate as N	**1.5**		0.10		mg/L			10/03/25 03:00	2
Nitrite as N	<0.10		0.10		mg/L			10/03/25 03:00	2
Sulfate	**45**		0.50		mg/L			10/03/25 03:00	2

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**34**		0.10		mg/L			10/03/25 16:12	1
Magnesium	**32**		0.10		mg/L			10/03/25 16:12	1
Potassium	**3.9**		0.10		mg/L			10/03/25 16:12	1
Sodium	**74**		0.10		mg/L			10/03/25 16:12	1

Method: EPA 200.8 - Mercury (ICP/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20		ug/L			10/06/25 14:52	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			10/03/25 14:07	1
Arsenic	<1.0		1.0		ug/L			10/03/25 14:07	1
Beryllium	<0.30		0.30		ug/L			10/03/25 14:07	1
Cadmium	<0.50		0.50		ug/L			10/03/25 14:07	1
Chromium	**2.4**		0.90		ug/L			10/03/25 14:07	1
Copper	<1.0		1.0		ug/L			10/03/25 14:07	1
Lead	<0.50		0.50		ug/L			10/03/25 14:07	1
Nickel	<1.0		1.0		ug/L			10/03/25 14:07	1
Selenium	**3.1**	**^2**	2.0		ug/L			10/03/25 14:07	1
Silver	<0.50		0.50		ug/L			10/03/25 14:07	1
Thallium	<0.30		0.30		ug/L			10/03/25 14:07	1
Zinc	**19**		5.0		ug/L			10/03/25 14:07	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**64**		4.0		mg/L			10/03/25 18:26	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**64**		4.0		mg/L			10/03/25 18:26	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.0		4.0		mg/L			10/03/25 18:26	1
Specific Conductance (SM 2510B)	**830**		2.0		umhos/cm			10/03/25 18:26	1
Total Dissolved Solids (SM 2540C)	**570**		20		mg/L			10/03/25 12:58	1
Fluoride (SM 4500 F C)	**0.055**		0.050		mg/L			10/03/25 20:14	1
pH (SM 4500 H+ B)	**7.8**	**HF**			SU			10/03/25 18:26	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Date Received: 10/02/25 10:06

Matrix: Drinking Water
PWSID Number: HI0000331

General Chemistry (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sulfide (SM 4500 S2 D)	<0.050	F1	0.050		mg/L			10/03/25 15:33	1

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-3

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Matrix: Water

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			10/03/25 14:27	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			10/03/25 14:27	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:27	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:27	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 14:27	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/03/25 14:27	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/03/25 14:27	1
Acetone	<500		500		ug/L			10/03/25 14:27	1
Benzene	<0.50		0.50		ug/L			10/03/25 14:27	1
Bromobenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Bromoform	<0.50		0.50		ug/L			10/03/25 14:27	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 14:27	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 14:27	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 14:27	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 14:27	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 14:27	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 14:27	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:27	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/06/25 20:16	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-3

Date Collected: 10/01/25 09:28

Matrix: Water

Date Received: 10/02/25 10:06

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	<0.50		0.50		ug/L			10/06/25 20:16	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
m,p-Xylenes	<0.50	^3+	0.50		ug/L			10/03/25 14:27	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 14:27	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 14:27	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 14:27	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 14:27	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 14:27	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 14:27	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 14:27	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 14:27	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 14:27	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
Styrene	<0.50		0.50		ug/L			10/03/25 14:27	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 14:27	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 14:27	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 14:27	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 14:27	1
Toluene	<0.50		0.50		ug/L			10/03/25 14:27	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 14:27	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 14:27	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 14:27	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 14:27	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 14:27	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/06/25 20:16	1
Vinyl Chloride (VC)	<0.30	^3+	0.30		ug/L			10/03/25 14:27	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/06/25 20:16	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 14:27	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 14:27	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 14:27	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*31*	*T J*	*ug/L*		*1.19*	*N/A*		*10/03/25 14:27*	*1*
Acetaldehyde	*10*	*T J N*	*ug/L*		*1.64*	*75-07-0*		*10/03/25 14:27*	*1*
Acetaldehyde	*12*	*T J N*	*ug/L*		*1.64*	*75-07-0*		*10/06/25 20:16*	*1*
Furfural	*20*	*T J N*	*ug/L*		*10.10*	*98-01-1*		*10/03/25 14:27*	*1*
Furfural	*30*	*T J N*	*ug/L*		*10.10*	*98-01-1*		*10/06/25 20:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*10/03/25 14:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*10/06/25 20:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/03/25 14:27*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*10/06/25 20:16*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/03/25 14:27*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*10/06/25 20:16*	*1*

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-3
Date Collected: 10/01/25 09:28
Matrix: Water
Date Received: 10/02/25 10:06

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			10/07/25 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*38 - 134*		*10/07/25 19:26*	*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		10/03/25 15:21	10/04/25 03:23	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010		ug/L		10/03/25 15:21	10/04/25 03:23	1
1,2-Dibromoethane	<0.010		0.010		ug/L		10/03/25 15:21	10/04/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*96*		*60 - 140*	*10/03/25 15:21*	*10/04/25 03:23*	*1*

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)

Lab Sample ID: 380-174497-4
Date Collected: 10/01/25 10:10
Matrix: Water
Date Received: 10/02/25 10:06

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			10/03/25 18:06	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			10/03/25 18:06	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 18:06	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/03/25 18:06	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 18:06	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/03/25 18:06	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/03/25 18:06	1
Acetone	<500	^3+	500		ug/L			10/03/25 18:06	1
Benzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromobenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromoform	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 18:06	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 18:06	1

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Lab Sample ID: 380-174497-4
Date Collected: 10/01/25 10:10
Matrix: Water
Date Received: 10/02/25 10:06

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 18:06	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 18:06	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 18:06	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 18:06	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 18:06	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/03/25 18:06	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
m,p-Xylenes	<0.50		0.50		ug/L			10/03/25 18:06	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 18:06	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 18:06	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 18:06	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 18:06	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 18:06	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 18:06	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 18:06	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 18:06	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 18:06	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Styrene	<0.50		0.50		ug/L			10/03/25 18:06	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 18:06	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 18:06	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 18:06	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 18:06	1
Toluene	<0.50		0.50		ug/L			10/03/25 18:06	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 18:06	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 18:06	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 18:06	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 18:06	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 18:06	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/03/25 18:06	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			10/03/25 18:06	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 18:06	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 18:06	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 18:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*3.1*	*T J*	*ug/L*		*9.02*	*N/A*		*10/03/25 18:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*10/03/25 18:06*	*1*

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Lab Sample ID: 380-174497-4
Date Collected: 10/01/25 10:10
Matrix: Water
Date Received: 10/02/25 10:06

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*		*10/03/25 18:06*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*10/03/25 18:06*	*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			10/07/25 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*10/07/25 19:46*	*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		10/03/25 15:21	10/04/25 03:46	1
1,2-Dibromo-3-Chloropropane	<0.0099		0.0099	ug/L		10/03/25 15:21	10/04/25 03:46	1
1,2-Dibromoethane	<0.0099		0.0099	ug/L		10/03/25 15:21	10/04/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*96*		*60 - 140*	*10/03/25 15:21*	*10/04/25 03:46*	*1*

Action Limit Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-1

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	0.61		ug/L		80		524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200		524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7		524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000			524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70		524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5		524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5		524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80		524.2	Total/NA
Bromoform	0.61		ug/L		80		524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5		524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100		524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80		524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80		524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50		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	^3+	ug/L	2.000	2		524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000		524.2	Total/NA
Alachlor	<0.048		ug/L		2		525.2	Total/NA
Atrazine	<0.048		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	<0.0096		ug/L		2		525.2	Total/NA
gamma-BHC (Lindane)	<0.0096		ug/L		0.2		525.2	Total/NA
Heptachlor	<0.0096		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0096		ug/L		0.2		525.2	Total/NA
Hexachlorobenzene	<0.048		ug/L		1		525.2	Total/NA
Hexachlorocyclopentadiene	<0.048		ug/L		50		525.2	Total/NA
Methoxychlor	<0.048		ug/L		40		525.2	Total/NA
Simazine	<0.048		ug/L		4		525.2	Total/NA
Benzo[a]pyrene	<0.19	*- *1	ug/L		0.2		625.1 SIM	Total/NA
Pentachlorophenol	<0.96	*- *1	ug/L		1		625.1 SIM	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000			504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.0099		ug/L		0.2		504.1	Total/NA
1,2-Dibromoethane	<0.0099		ug/L		0.05		504.1	Total/NA
Toxaphene	<0.50		ug/L		3		505	Total/NA
Chlordane (n.o.s.)	<0.10		ug/L		2		505	Total/NA

Client Sample ID: MOANALUA WELLS (331-223-TP202) (Continued)

Lab Sample ID: 380-174497-1

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
Polychlorinated biphenyls, Total	<0.10		ug/L		0.5		505	Total/NA
Chloride	99		mg/L			250	300.0	Total/NA
Nitrate as N	0.57		mg/L		10		300.0	Total/NA
Nitrite as N	<0.25		mg/L		1		300.0	Total/NA
Sulfate	15		mg/L			250	300.0	Total/NA
Mercury	<0.20		ug/L		2		200.8	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	2.3		ug/L		100		200.8	Total/NA
Copper	9.7		ug/L		1300	1000	200.8	Total/NA
Lead	<0.50		ug/L		10.00		200.8	Total/NA
Selenium	3.2	^2	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	290		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: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-174497-2

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
Bromodichloromethane	<0.50		ug/L		80		524.2	Total/NA
Bromoform	<0.50		ug/L		80		524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5		524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100		524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80		524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80		524.2	Total/NA

Action Limit Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065) (Continued)

Lab Sample ID: 380-174497-2

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
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	^3+	ug/L	2.000	2		524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000		524.2	Total/NA
Alachlor	<0.048		ug/L		2		525.2	Total/NA
Atrazine	<0.048		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	<0.0096		ug/L		2		525.2	Total/NA
gamma-BHC (Lindane)	<0.0096		ug/L		0.2		525.2	Total/NA
Heptachlor	<0.0096		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		ug/L		0.2		525.2	Total/NA
Hexachlorobenzene	<0.048		ug/L		1		525.2	Total/NA
Hexachlorocyclopentadiene	<0.048		ug/L		50		525.2	Total/NA
Methoxychlor	<0.048		ug/L		40		525.2	Total/NA
Simazine	<0.048		ug/L		4		525.2	Total/NA
Benzo[a]pyrene	<0.19	*- *1	ug/L		0.2		625.1 SIM	Total/NA
Pentachlorophenol	<0.97	*- *1	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.)	0.28		ug/L		2		505	Total/NA
Polychlorinated biphenyls, Total	<0.10		ug/L		0.5		505	Total/NA
Chloride	200		mg/L			250	300.0	Total/NA
Nitrate as N	1.5		mg/L		10		300.0	Total/NA
Nitrite as N	<0.10		mg/L		1		300.0	Total/NA
Sulfate	45		mg/L			250	300.0	Total/NA
Mercury	<0.20		ug/L		2		200.8	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	2.4		ug/L		100		200.8	Total/NA
Copper	<1.0		ug/L		1300	1000	200.8	Total/NA
Lead	<0.50		ug/L		10.00		200.8	Total/NA

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065) (Continued)

Lab Sample ID: 380-174497-2

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
Selenium	3.1	^2	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	19		ug/L			5000	200.8	Total/NA
Total Dissolved Solids	**570**		mg/L			**500**	SM 2540C	Total/NA
Fluoride	0.055		mg/L		4	2	SM 4500 F C	Total/NA
pH	7.8	HF	SU			6.5	SM 4500 H+ B	Total/NA

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-3

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
Trihalomethanes, Total	<0.50		ug/L		80	0.50	524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200	0.50	524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7	0.50	524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000		0.50	524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Bromoform	<0.50		ug/L		80	0.50	524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80	0.50	524.2	Total/NA
Dichloromethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700	0.50	524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600	0.50	524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75	0.50	524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000	0.50	524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000	0.50	524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Vinyl Chloride (VC)	<0.30	^3+	ug/L	2.000	2	0.30	524.2	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000		0.020	504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.010		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

Action Limit Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)

Lab Sample ID: 380-174497-4

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
Trihalomethanes, Total	<0.50		ug/L		80	0.50	524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200	0.50	524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7	0.50	524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000		0.50	524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Bromoform	<0.50		ug/L		80	0.50	524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80	0.50	524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80	0.50	524.2	Total/NA
Dichloromethane	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70	0.50	524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700	0.50	524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600	0.50	524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75	0.50	524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000	0.50	524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000	0.50	524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100	0.50	524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5	0.50	524.2	Total/NA
Vinyl Chloride (VC)	<0.30		ug/L	2.000	2	0.30	524.2	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000		0.020	504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.0099		ug/L		0.2	0.0099	504.1	Total/NA
1,2-Dibromoethane	<0.0099		ug/L		0.05	0.0099	504.1	Total/NA

Surrogate Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

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

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		DCA	DCA	BFB	BFB	TOL	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)	(70-130)	(70-130)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	105	105	103	103	97	97
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)	106	106	108	108	97	97

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		DCA	DCA	BFB	BFB	TOL	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)	(70-130)	(70-130)
380-174497-1	MOANALUA WELLS (331-223-T	104	104	103	103	97	97
380-174497-1	MOANALUA WELLS (331-223-TP202)	103	103	104	104	97	97
380-174497-1	MOANALUA WELLS (331-223-TP202)	106	106	106	106	97	97
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	105	105	101	101	97	97
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	104	104	104	104	97	97
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	94	94	97	97	101	101
LCS 380-177726/5	Lab Control Sample	92	92	99	99	100	100
LCS 380-177727/5	Lab Control Sample	101	101	98	98	100	100
LCS 380-178027/11	Lab Control Sample	101	101	100	100	102	102
LCS 380-178240/3	Lab Control Sample	104	104	103	103	103	103
LCSD 380-177726/6	Lab Control Sample Dup	90	90	100	100	98	98
LCSD 380-177727/6	Lab Control Sample Dup	104	104	100	100	101	101
LCSD 380-178027/12	Lab Control Sample Dup	101	101	102	102	100	100
LCSD 380-178240/4	Lab Control Sample Dup	103	103	103	103	102	102
MB 380-177726/8	Method Blank	91	91	96	96	98	98
MB 380-177727/8	Method Blank	106	106	103	103	97	97
MB 380-178027/15	Method Blank	102	102	100	100	98	98
MB 380-178240/5	Method Blank	105	105	107	107	99	99
MRL 380-177726/3	Lab Control Sample	92	92	95	95	100	100
MRL 380-177726/4	Lab Control Sample	90	90	95	95	101	101
MRL 380-177727/3	Lab Control Sample	104	104	99	99	100	100
MRL 380-177727/4	Lab Control Sample	103	103	103	103	99	99
MRL 380-178027/13	Lab Control Sample	100	100	99	99	99	99
MRL 380-178027/14	Lab Control Sample	101	101	101	101	100	100
MRL 380-178175/3	Lab Control Sample	104	104	103	103	99	99
MRL 380-178175/4	Lab Control Sample	105	105	106	106	102	102

Surrogate Legend

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

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-174497-1
Project/Site: RED-HILL
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

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)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	99	92	101

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)
380-174230-V-1-A MS	Matrix Spike	99	101	104
380-174329-K-2-A DU	Duplicate	102	90	105
380-174497-1	MOANALUA WELLS (331-223-TP202)	97	91	100
LCS 380-177756/22-A	Lab Control Sample	99	95	104
MB 380-177756/20-A	Method Blank	101	88	90
MRL 380-177756/21-A	Lab Control Sample	101	94	100

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	81	84	51	86	31	100

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)
380-174497-1	MOANALUA WELLS (331-223-T	98	98	62	99	37	101
MB 570-636448/1-A	Method Blank	68	92	53	96	35	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: 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)		
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	87	80	50	85	32	95		

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)		
380-174497-1	MOANALUA WELLS (331-223-T	93	90	55	96	36	92		
LCS 570-636448/2-A	Lab Control Sample	93	89	66	81	44	93		
LCSD 570-636448/3-A	Lab Control Sample Dup	13 S1-	13 S1-	8 S1-	13 S1-	6 S1-	13 S1-		
MB 570-636448/1-A	Method Blank	89	88	55	95	35	91		

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB1							
Lab Sample ID	Client Sample ID	(38-134)							
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	97							

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)							
		BFB1							
Lab Sample ID	Client Sample ID	(38-134)							
380-173600-B-1 MS	Matrix Spike	95							
380-173600-B-1 MSD	Matrix Spike Duplicate	99							

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
380-174497-1	MOANALUA WELLS (331-223-T	97
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	97
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	93
LCS 570-636604/4	Lab Control Sample	95
LCSD 570-636604/5	Lab Control Sample Dup	97
MB 570-636604/6	Method Blank	94
MRL 570-636604/3	Lab Control Sample	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		DBPP1
Lab Sample ID	Client Sample ID	(60-140)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	94

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		DBPP1
Lab Sample ID	Client Sample ID	(60-140)
380-173719-BJ-1-A MS	Matrix Spike	102
380-173871-BO-1-A DU	Duplicate	102
380-174497-1	MOANALUA WELLS (331-223-TP202)	96
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	96
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	96
LCS 380-177809/29-A	Lab Control Sample	100
MBL 380-177809/4-A	Method Blank	94
MRL 380-177809/2-A	Lab Control Sample	96
MRL 380-177809/3-A	Lab Control Sample	91

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Method: 505 - Organochlorine Pesticides/PCBs (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		TCX1
Lab Sample ID	Client Sample ID	(70-130)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	92

Surrogate Legend

Surrogate Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

TCX = Tetrachloro-m-xylene

Method: 505 - Organochlorine Pesticides/PCBs (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TCX1 (70-130)
380-174497-1	MOANALUA WELLS (331-223-T	86
380-174568-F-1-A MS	Matrix Spike	96
380-174568-G-1-A MS	Matrix Spike	105
380-174708-E-1-A MS	Matrix Spike	98
380-174708-F-1-A MS	Matrix Spike	110
LCS 380-177969/16-A	Lab Control Sample	99
LCS 380-177969/24-A	Lab Control Sample	111
LCS 380-177969/57-A	Lab Control Sample	97
LCS 380-177969/59-A	Lab Control Sample	103
LCS 380-177969/60-A	Lab Control Sample	97
LCS 380-177969/8-A	Lab Control Sample	99
LCSD 380-177969/58-A	Lab Control Sample Dup	98
MB 380-177969/32-A	Method Blank	95
MRL 380-177969/30-A	Lab Control Sample	104
MRL 380-177969/31-A	Lab Control Sample	97

Surrogate Legend

TCX = Tetrachloro-m-xylene

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	102

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)
380-174497-1	MOANALUA WELLS (331-223-T	102
LCS 570-636670/2-A	Lab Control Sample	94
LCSD 570-636670/3-A	Lab Control Sample Dup	102
MB 570-636670/1-A	Method Blank	99
MRL 570-636670/4-A	Lab Control Sample	104

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-174497-1
Project/Site: RED-HILL
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

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)
380-174497-2	HALAWA WELLS UNITS 1 & 2 F	93

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	HF2PP1 (54-120)
380-174497-1	MOANALUA WELLS (331-223-T	93 p
570-249246-A-1 MS	Matrix Spike	87
570-249246-A-1 MSD	Matrix Spike Duplicate	92 p
LCS 570-637626/5	Lab Control Sample	91
LCSD 570-637626/6	Lab Control Sample Dup	83
MB 570-637626/3	Method Blank	86
MRL 570-637626/4	Lab Control Sample	102

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

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

Lab Sample ID: MB 380-177726/8
Matrix: Water
Analysis Batch: 177726

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			10/03/25 11:15	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 11:15	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/03/25 11:15	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/03/25 11:15	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/03/25 11:15	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/03/25 11:15	1
Acetone	<500		500		ug/L			10/03/25 11:15	1
Benzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromobenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromoform	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 11:15	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 11:15	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 11:15	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 11:15	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 11:15	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 11:15	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/03/25 11:15	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
m,p-Xylenes	<0.50		0.50		ug/L			10/03/25 11:15	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 11:15	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 11:15	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 11:15	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 11:15	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 11:15	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 11:15	1

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

Lab Sample ID: MB 380-177726/8
Matrix: Water
Analysis Batch: 177726

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 11:15	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 11:15	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 11:15	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Styrene	<0.50		0.50		ug/L			10/03/25 11:15	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 11:15	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 11:15	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 11:15	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 11:15	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 11:15	1
Toluene	<0.50		0.50		ug/L			10/03/25 11:15	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 11:15	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 11:15	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 11:15	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/03/25 11:15	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 11:15	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/03/25 11:15	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 11:15	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			10/03/25 11:15	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 11:15	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*		*10/03/25 11:15*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*10/03/25 11:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*		*10/03/25 11:15*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/03/25 11:15*	*1*

Lab Sample ID: LCS 380-177726/5
Matrix: Water
Analysis Batch: 177726

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	4.68		ug/L		94	70 - 130		
1,1,1-Trichloroethane			5.00	4.76		ug/L		95	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	4.84		ug/L		97	70 - 130		
1,1,2-Trichloroethane			5.00	4.73		ug/L		95	70 - 130		
1,1-Dichloroethane			5.00	5.09		ug/L		102	70 - 130		
1,1-Dichlorethylene			5.00	4.87		ug/L		97	70 - 130		
1,1-Dichloropropene			5.00	4.75		ug/L		95	70 - 130		
1,2,3-Trichlorobenzene			5.00	4.65		ug/L		93	70 - 130		
1,2,3-Trichloropropane			5.00	4.78		ug/L		96	70 - 130		
1,2,4-Trichlorobenzene			5.00	5.01		ug/L		100	70 - 130		
1,2,4-Trimethylbenzene			5.00	4.89		ug/L		98	70 - 130		
1,2-Dichloroethane			5.00	4.63		ug/L		93	70 - 130		
1,2-Dichloropropane			5.00	5.04		ug/L		101	70 - 130		

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

Lab Sample ID: LCS 380-177726/5
Matrix: Water
Analysis Batch: 177726

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	5.00	5.05		ug/L		101	70 - 130
1,3-Dichloropropane	5.00	4.89		ug/L		98	70 - 130
2,2-Dichloropropane	5.00	5.15		ug/L		103	70 - 130
2-Butanone (MEK)	50.0	52.4		ug/L		105	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	50.3		ug/L		101	70 - 130
Acetone	50.0	50.6	J	ug/L		101	70 - 130
Benzene	5.00	4.93		ug/L		99	70 - 130
Bromobenzene	5.00	4.79		ug/L		96	70 - 130
Bromochloromethane	5.00	4.77		ug/L		95	70 - 130
Bromodichloromethane	5.00	4.49		ug/L		90	70 - 130
Bromoform	5.00	4.90		ug/L		98	70 - 130
Bromomethane (Methyl Bromide)	5.00	5.74		ug/L		115	70 - 130
Carbon disulfide	5.00	4.85		ug/L		97	70 - 130
Carbon tetrachloride	5.00	4.36		ug/L		87	70 - 130
Chlorobenzene	5.00	5.02		ug/L		100	70 - 130
Chlorodibromomethane	5.00	4.44		ug/L		89	70 - 130
cis-1,3-Dichloropropene	5.00	4.49		ug/L		90	70 - 130
Dichloromethane	5.00	5.08		ug/L		102	70 - 130
Ethylbenzene	5.00	4.97		ug/L		99	70 - 130
Hexachlorobutadiene	5.00	5.00		ug/L		100	70 - 130
Isopropylbenzene	5.00	4.97		ug/L		99	70 - 130
m,p-Xylenes	10.0	10.1		ug/L		101	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	4.76		ug/L		95	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	5.05		ug/L		101	70 - 130
Naphthalene	5.00	4.72		ug/L		94	70 - 130
n-Butylbenzene	5.00	5.04		ug/L		101	70 - 130
N-Propylbenzene	5.00	4.85		ug/L		97	70 - 130
o-Chlorotoluene	5.00	4.87		ug/L		97	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	4.85		ug/L		97	70 - 130
o-Xylene	5.00	5.07		ug/L		101	70 - 130
p-Chlorotoluene	5.00	4.93		ug/L		99	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	4.74		ug/L		95	70 - 130
p-Isopropyltoluene	5.00	4.84		ug/L		97	70 - 130
sec-Butylbenzene	5.00	4.89		ug/L		98	70 - 130
Styrene	5.00	5.17		ug/L		103	70 - 130
Tert-amyl methyl ether	5.00	5.29		ug/L		106	70 - 130
1,3-Dichloropropene, Total	10.0	9.03		ug/L		90	70 - 130
Tert-butyl ethyl ether	5.00	5.22		ug/L		104	70 - 130
tert-Butylbenzene	5.00	4.74		ug/L		95	70 - 130
Tetrachloroethene (PCE)	5.00	4.84		ug/L		97	70 - 130
Toluene	5.00	4.92		ug/L		98	70 - 130
trans-1,2-Dichloroethylene	5.00	4.95		ug/L		99	70 - 130
trans-1,3-Dichloropropene	5.00	4.54		ug/L		91	70 - 130
Trichloroethylene (TCE)	5.00	5.09		ug/L		102	70 - 130
Bromoethane	5.00	5.47		ug/L		109	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	5.03		ug/L		101	70 - 130
Trichlorotrifluoroethane	5.00	4.79		ug/L		96	70 - 130
Diisopropyl ether	5.00	5.20		ug/L		104	70 - 130

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

Lab Sample ID: LCS 380-177726/5
Matrix: Water
Analysis Batch: 177726

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl Chloride (VC)			5.00	5.27		ug/L		105	70 - 130		
Xylenes, Total			15.0	15.1		ug/L		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 380-177726/6
Matrix: Water
Analysis Batch: 177726

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	4.69		ug/L		94	70 - 130	0	20
1,1,1-Trichloroethane			5.00	4.56		ug/L		91	70 - 130	4	20
1,1,2,2-Tetrachloroethane			5.00	5.07		ug/L		101	70 - 130	5	20
1,1,2-Trichloroethane			5.00	4.65		ug/L		93	70 - 130	2	20
1,1-Dichloroethane			5.00	4.95		ug/L		99	70 - 130	3	20
1,1-Dichlorethylene			5.00	4.69		ug/L		94	70 - 130	4	20
1,1-Dichloropropene			5.00	4.63		ug/L		93	70 - 130	3	20
1,2,3-Trichlorobenzene			5.00	4.84		ug/L		97	70 - 130	4	20
1,2,3-Trichloropropane			5.00	4.88		ug/L		98	70 - 130	2	20
1,2,4-Trichlorobenzene			5.00	4.83		ug/L		97	70 - 130	4	20
1,2,4-Trimethylbenzene			5.00	5.00		ug/L		100	70 - 130	2	20
1,2-Dichloroethane			5.00	4.82		ug/L		96	70 - 130	4	20
1,2-Dichloropropane			5.00	4.76		ug/L		95	70 - 130	6	20
1,3,5-Trimethylbenzene			5.00	4.98		ug/L		100	70 - 130	2	20
1,3-Dichloropropane			5.00	4.85		ug/L		97	70 - 130	1	20
2,2-Dichloropropane			5.00	4.96		ug/L		99	70 - 130	4	20
2-Butanone (MEK)			50.0	55.5		ug/L		111	70 - 130	6	20
4-Methyl-2-pentanone (MIBK)			50.0	51.1		ug/L		102	70 - 130	2	20
Acetone			50.0	51.4	J	ug/L		103	70 - 130	1	20
Benzene			5.00	4.76		ug/L		95	70 - 130	4	20
Bromobenzene			5.00	4.77		ug/L		95	70 - 130	0	20
Bromochloromethane			5.00	4.65		ug/L		93	70 - 130	3	20
Bromodichloromethane			5.00	4.39		ug/L		88	70 - 130	2	20
Bromoform			5.00	5.10		ug/L		102	70 - 130	4	20
Bromomethane (Methyl Bromide)			5.00	5.44		ug/L		109	70 - 130	5	20
Carbon disulfide			5.00	4.75		ug/L		95	70 - 130	2	20
Carbon tetrachloride			5.00	4.37		ug/L		87	70 - 130	0	20
Chlorobenzene			5.00	4.74		ug/L		95	70 - 130	6	20
Chlorodibromomethane			5.00	4.77		ug/L		95	70 - 130	7	20
cis-1,3-Dichloropropene			5.00	4.78		ug/L		96	70 - 130	6	20
Dichloromethane			5.00	5.02		ug/L		100	70 - 130	1	20
Ethylbenzene			5.00	5.01		ug/L		100	70 - 130	1	20
Hexachlorobutadiene			5.00	4.79		ug/L		96	70 - 130	4	20
Isopropylbenzene			5.00	4.97		ug/L		99	70 - 130	0	20
m,p-Xylenes			10.0	9.88		ug/L		99	70 - 130	2	20

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

Lab Sample ID: LCSD 380-177726/6
Matrix: Water
Analysis Batch: 177726

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Dichlorobenzene (1,3-DCB)			5.00	4.84		ug/L		97	70 - 130	2	20
Methyl-tert-butyl Ether (MTBE)			5.00	5.03		ug/L		101	70 - 130	0	20
Naphthalene			5.00	4.72		ug/L		94	70 - 130	0	20
n-Butylbenzene			5.00	4.69		ug/L		94	70 - 130	7	20
N-Propylbenzene			5.00	4.93		ug/L		99	70 - 130	2	20
o-Chlorotoluene			5.00	4.89		ug/L		98	70 - 130	0	20
o-Dichlorobenzene (1,2-DCB)			5.00	4.76		ug/L		95	70 - 130	2	20
o-Xylene			5.00	4.85		ug/L		97	70 - 130	4	20
p-Chlorotoluene			5.00	4.97		ug/L		99	70 - 130	1	20
p-Dichlorobenzene (1,4-DCB)			5.00	4.88		ug/L		98	70 - 130	3	20
p-Isopropyltoluene			5.00	4.92		ug/L		98	70 - 130	2	20
sec-Butylbenzene			5.00	4.88		ug/L		98	70 - 130	0	20
Styrene			5.00	5.01		ug/L		100	70 - 130	3	20
Tert-amyl methyl ether			5.00	5.34		ug/L		107	70 - 130	1	20
1,3-Dichloropropene, Total			10.0	9.32		ug/L		93	70 - 130	3	20
Tert-butyl ethyl ether			5.00	5.22		ug/L		104	70 - 130	0	20
tert-Butylbenzene			5.00	4.96		ug/L		99	70 - 130	4	20
Tetrachloroethene (PCE)			5.00	4.65		ug/L		93	70 - 130	4	20
Toluene			5.00	4.68		ug/L		94	70 - 130	5	20
trans-1,2-Dichloroethylene			5.00	4.82		ug/L		96	70 - 130	3	20
trans-1,3-Dichloropropene			5.00	4.54		ug/L		91	70 - 130	0	20
Trichloroethylene (TCE)			5.00	4.97		ug/L		99	70 - 130	2	20
Bromoethane			5.00	5.33		ug/L		107	70 - 130	3	20
Trichlorofluoromethane (Freon 11)			5.00	4.88		ug/L		98	70 - 130	3	20
Trichlorotrifluoroethane			5.00	4.73		ug/L		95	70 - 130	1	20
Diisopropyl ether			5.00	5.04		ug/L		101	70 - 130	3	20
Vinyl Chloride (VC)			5.00	5.05		ug/L		101	70 - 130	4	20
Xylenes, Total			15.0	14.7		ug/L		98	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MRL 380-177726/3
Matrix: Water
Analysis Batch: 177726

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	0.565		ug/L		113	50 - 150		
Vinyl Chloride (VC)			0.250	0.323		ug/L		129	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MRL 380-177726/4
Matrix: Water
Analysis Batch: 177726

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	0.458	J	ug/L		92	50 - 150
1,1,1-Trichloroethane	0.500	0.497	J	ug/L		99	50 - 150
1,1,2,2-Tetrachloroethane	0.500	0.480	J	ug/L		96	50 - 150
1,1,2-Trichloroethane	0.500	0.467	J	ug/L		93	50 - 150
1,1-Dichloroethane	0.500	0.523		ug/L		105	50 - 150
1,1-Dichlorethylene	0.500	0.532		ug/L		106	50 - 150
1,1-Dichloropropene	0.500	0.507		ug/L		101	50 - 150
1,2,3-Trichlorobenzene	0.500	0.594		ug/L		119	50 - 150
1,2,3-Trichloropropane	0.500	0.475	J	ug/L		95	50 - 150
1,2,4-Trichlorobenzene	0.500	0.560		ug/L		112	50 - 150
1,2,4-Trimethylbenzene	0.500	0.497	J	ug/L		99	50 - 150
1,2-Dichloroethane	0.500	0.513		ug/L		103	50 - 150
1,2-Dichloropropane	0.500	0.551		ug/L		110	50 - 150
1,3,5-Trimethylbenzene	0.500	0.496	J	ug/L		99	50 - 150
1,3-Dichloropropane	0.500	0.522		ug/L		104	50 - 150
2,2-Dichloropropane	0.500	0.543		ug/L		109	50 - 150
2-Butanone (MEK)	5.00	4.88	J	ug/L		98	50 - 150
4-Methyl-2-pentanone (MIBK)	5.00	5.63		ug/L		113	50 - 150
Acetone	5.00	7.96	J ^3+	ug/L		159	50 - 150
Benzene	0.500	0.516		ug/L		103	50 - 150
Bromobenzene	0.500	0.473	J	ug/L		95	50 - 150
Bromochloromethane	0.500	0.513		ug/L		103	50 - 150
Bromodichloromethane	0.500	0.397	J	ug/L		79	50 - 150
Bromoform	0.500	0.532		ug/L		106	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.582		ug/L		116	50 - 150
Carbon disulfide	0.500	0.520		ug/L		104	50 - 150
Carbon tetrachloride	0.500	0.494	J	ug/L		99	50 - 150
Chlorobenzene	0.500	0.538		ug/L		108	50 - 150
Chlorodibromomethane	0.500	0.457	J	ug/L		91	50 - 150
cis-1,3-Dichloropropene	0.500	0.453	J	ug/L		91	50 - 150
Dichloromethane	0.500	0.519		ug/L		104	50 - 150
Ethylbenzene	0.500	0.546		ug/L		109	50 - 150
Hexachlorobutadiene	0.500	0.601		ug/L		120	50 - 150
Isopropylbenzene	0.500	0.499	J	ug/L		100	50 - 150
m,p-Xylenes	1.00	1.08		ug/L		108	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.481	J	ug/L		96	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.561		ug/L		112	50 - 150
Naphthalene	0.500	0.573		ug/L		115	50 - 150
n-Butylbenzene	0.500	0.541		ug/L		108	50 - 150
N-Propylbenzene	0.500	0.485	J	ug/L		97	50 - 150
o-Chlorotoluene	0.500	0.478	J	ug/L		96	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.512		ug/L		102	50 - 150
o-Xylene	0.500	0.519		ug/L		104	50 - 150
p-Chlorotoluene	0.500	0.482	J	ug/L		96	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.486	J	ug/L		97	50 - 150
p-Isopropyltoluene	0.500	0.499	J	ug/L		100	50 - 150
sec-Butylbenzene	0.500	0.491	J	ug/L		98	50 - 150
Styrene	0.500	0.535		ug/L		107	50 - 150

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

Lab Sample ID: MRL 380-177726/4
Matrix: Water
Analysis Batch: 177726

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.500	0.552	J	ug/L		110	50 - 150
1,3-Dichloropropene, Total	1.00	0.909		ug/L		91	50 - 150
Tert-butyl ethyl ether	0.500	0.562	J	ug/L		112	50 - 150
tert-Butylbenzene	0.500	0.502		ug/L		100	50 - 150
Tetrachloroethene (PCE)	0.500	0.520		ug/L		104	50 - 150
Toluene	0.500	0.521		ug/L		104	50 - 150
trans-1,2-Dichloroethylene	0.500	0.516		ug/L		103	50 - 150
trans-1,3-Dichloropropene	0.500	0.456	J	ug/L		91	50 - 150
Trichloroethylene (TCE)	0.500	0.509		ug/L		102	50 - 150
Bromoethane	0.500	0.538		ug/L		108	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.514		ug/L		103	50 - 150
Trichlorotrifluoroethane	0.500	0.530		ug/L		106	50 - 150
Diisopropyl ether	0.500	0.564	J	ug/L		113	50 - 150
Vinyl Chloride (VC)	0.500	0.517		ug/L		103	50 - 150
Xylenes, Total	1.50	1.60		ug/L		107	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 380-177727/8
Matrix: Water
Analysis Batch: 177727

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			10/03/25 10:26	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0	ug/L			10/03/25 10:26	1
1,1,1-Trichloroethane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,1,2-Trichloroethane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,1-Dichloroethane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,1-Dichlorethylene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,1-Dichloropropene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2,3-Trichloropropane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2,4-Trichlorobenzene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2,4-Trimethylbenzene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2-Dichloroethane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,2-Dichloropropane	<0.50		0.50	ug/L			10/03/25 10:26	1
1,3,5-Trimethylbenzene	<0.50		0.50	ug/L			10/03/25 10:26	1
1,3-Dichloropropane	<0.50		0.50	ug/L			10/03/25 10:26	1
2,2-Dichloropropane	<0.50		0.50	ug/L			10/03/25 10:26	1
2-Butanone (MEK)	<5.0		5.0	ug/L			10/03/25 10:26	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0	ug/L			10/03/25 10:26	1
Acetone	<500		500	ug/L			10/03/25 10:26	1
Benzene	<0.50		0.50	ug/L			10/03/25 10:26	1
Bromobenzene	<0.50		0.50	ug/L			10/03/25 10:26	1

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

Lab Sample ID: MB 380-177727/8
Matrix: Water
Analysis Batch: 177727

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Bromodichloromethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Bromoform	<0.50		0.50		ug/L			10/03/25 10:26	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/03/25 10:26	1
Carbon disulfide	<0.50		0.50		ug/L			10/03/25 10:26	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/03/25 10:26	1
Chlorobenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Chloroethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/03/25 10:26	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 10:26	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 10:26	1
Dibromomethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Dichloromethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Ethylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/03/25 10:26	1
Isopropylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
m,p-Xylenes	<0.50		0.50		ug/L			10/03/25 10:26	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/03/25 10:26	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/03/25 10:26	1
Naphthalene	<0.50		0.50		ug/L			10/03/25 10:26	1
n-Butylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
N-Propylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 10:26	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/03/25 10:26	1
o-Xylene	<0.50		0.50		ug/L			10/03/25 10:26	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/03/25 10:26	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/03/25 10:26	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/03/25 10:26	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
Styrene	<0.50		0.50		ug/L			10/03/25 10:26	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/03/25 10:26	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/03/25 10:26	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/03/25 10:26	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/03/25 10:26	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/03/25 10:26	1
Toluene	<0.50		0.50		ug/L			10/03/25 10:26	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/03/25 10:26	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/03/25 10:26	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/03/25 10:26	1
Bromoethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/03/25 10:26	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/03/25 10:26	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/03/25 10:26	1
Diisopropyl ether	<3.0		3.0		ug/L			10/03/25 10:26	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			10/03/25 10:26	1
Xylenes, Total	<0.50		0.50		ug/L			10/03/25 10:26	1

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

Lab Sample ID: MB 380-177727/8
Matrix: Water
Analysis Batch: 177727

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

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		10/03/25 10:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		10/03/25 10:26	1
4-Bromofluorobenzene (Surr)	103		70 - 130		10/03/25 10:26	1
Toluene-d8 (Surr)	97		70 - 130		10/03/25 10:26	1

Lab Sample ID: LCS 380-177727/5
Matrix: Water
Analysis Batch: 177727

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	4.30		ug/L		86	70 - 130
1,1,1-Trichloroethane	5.00	4.26		ug/L		85	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.13		ug/L		103	70 - 130
1,1,2-Trichloroethane	5.00	4.69		ug/L		94	70 - 130
1,1-Dichloroethane	5.00	4.64		ug/L		93	70 - 130
1,1-Dichlorethylene	5.00	4.27		ug/L		85	70 - 130
1,1-Dichloropropene	5.00	4.06		ug/L		81	70 - 130
1,2,3-Trichlorobenzene	5.00	4.45		ug/L		89	70 - 130
1,2,3-Trichloropropane	5.00	5.08		ug/L		102	70 - 130
1,2,4-Trichlorobenzene	5.00	4.51		ug/L		90	70 - 130
1,2,4-Trimethylbenzene	5.00	4.96		ug/L		99	70 - 130
1,2-Dichloroethane	5.00	4.64		ug/L		93	70 - 130
1,2-Dichloropropane	5.00	4.41		ug/L		88	70 - 130
1,3,5-Trimethylbenzene	5.00	4.85		ug/L		97	70 - 130
1,3-Dichloropropane	5.00	4.64		ug/L		93	70 - 130
2,2-Dichloropropane	5.00	3.91		ug/L		78	70 - 130
2-Butanone (MEK)	50.0	49.0		ug/L		98	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	45.8		ug/L		92	70 - 130
Acetone	50.0	48.2	J	ug/L		96	70 - 130
Benzene	5.00	4.57		ug/L		91	70 - 130
Bromobenzene	5.00	4.57		ug/L		91	70 - 130
Bromochloromethane	5.00	4.63		ug/L		93	70 - 130
Bromodichloromethane	5.00	4.19		ug/L		84	70 - 130
Bromoform	5.00	4.76		ug/L		95	70 - 130
Bromomethane (Methyl Bromide)	5.00	5.75		ug/L		115	70 - 130
Carbon disulfide	5.00	3.84		ug/L		77	70 - 130
Carbon tetrachloride	5.00	3.96		ug/L		79	70 - 130
Chlorobenzene	5.00	4.58		ug/L		92	70 - 130
Chlorodibromomethane	5.00	4.27		ug/L		85	70 - 130
cis-1,3-Dichloropropene	5.00	3.95		ug/L		79	70 - 130
Dichloromethane	5.00	4.74		ug/L		95	70 - 130
Ethylbenzene	5.00	4.39		ug/L		88	70 - 130
Hexachlorobutadiene	5.00	5.41		ug/L		108	70 - 130
Isopropylbenzene	5.00	4.49		ug/L		90	70 - 130
m,p-Xylenes	10.0	8.92		ug/L		89	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	4.85		ug/L		97	70 - 130

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

Lab Sample ID: LCS 380-177727/5
Matrix: Water
Analysis Batch: 177727

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl-tert-butyl Ether (MTBE)	5.00	4.64		ug/L		93	70 - 130
Naphthalene	5.00	4.17		ug/L		83	70 - 130
n-Butylbenzene	5.00	4.54		ug/L		91	70 - 130
N-Propylbenzene	5.00	4.51		ug/L		90	70 - 130
o-Chlorotoluene	5.00	4.73		ug/L		95	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	4.65		ug/L		93	70 - 130
o-Xylene	5.00	4.63		ug/L		93	70 - 130
p-Chlorotoluene	5.00	4.69		ug/L		94	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	4.82		ug/L		96	70 - 130
p-Isopropyltoluene	5.00	4.91		ug/L		98	70 - 130
sec-Butylbenzene	5.00	4.74		ug/L		95	70 - 130
Styrene	5.00	4.45		ug/L		89	70 - 130
Tert-amyl methyl ether	5.00	4.18		ug/L		84	70 - 130
1,3-Dichloropropene, Total	10.0	7.98		ug/L		80	70 - 130
Tert-butyl ethyl ether	5.00	4.39		ug/L		88	70 - 130
tert-Butylbenzene	5.00	4.80		ug/L		96	70 - 130
Tetrachloroethene (PCE)	5.00	4.45		ug/L		89	70 - 130
Toluene	5.00	4.64		ug/L		93	70 - 130
trans-1,2-Dichloroethylene	5.00	4.46		ug/L		89	70 - 130
trans-1,3-Dichloropropene	5.00	4.03		ug/L		81	70 - 130
Trichloroethylene (TCE)	5.00	4.54		ug/L		91	70 - 130
Bromoethane	5.00	4.86		ug/L		97	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	3.90		ug/L		78	70 - 130
Trichlorotrifluoroethane	5.00	3.90		ug/L		78	70 - 130
Diisopropyl ether	5.00	4.55		ug/L		91	70 - 130
Vinyl Chloride (VC)	5.00	4.06		ug/L		81	70 - 130
Xylenes, Total	15.0	13.5		ug/L		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 380-177727/6
Matrix: Water
Analysis Batch: 177727

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	4.47		ug/L		89	70 - 130	4	20
1,1,1-Trichloroethane	5.00	4.35		ug/L		87	70 - 130	2	20
1,1,2,2-Tetrachloroethane	5.00	5.28		ug/L		106	70 - 130	3	20
1,1,2-Trichloroethane	5.00	4.86		ug/L		97	70 - 130	4	20
1,1-Dichloroethane	5.00	4.72		ug/L		94	70 - 130	2	20
1,1-Dichlorethylene	5.00	4.30		ug/L		86	70 - 130	1	20
1,1-Dichloropropene	5.00	4.22		ug/L		84	70 - 130	4	20
1,2,3-Trichlorobenzene	5.00	4.74		ug/L		95	70 - 130	6	20
1,2,3-Trichloropropane	5.00	5.46		ug/L		109	70 - 130	7	20
1,2,4-Trichlorobenzene	5.00	4.69		ug/L		94	70 - 130	4	20

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

Lab Sample ID: LCSD 380-177727/6
Matrix: Water
Analysis Batch: 177727

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
1,2,4-Trimethylbenzene	5.00	5.23		ug/L		105	70 - 130	5	20
1,2-Dichloroethane	5.00	4.72		ug/L		94	70 - 130	2	20
1,2-Dichloropropane	5.00	4.53		ug/L		91	70 - 130	3	20
1,3,5-Trimethylbenzene	5.00	5.10		ug/L		102	70 - 130	5	20
1,3-Dichloropropane	5.00	4.83		ug/L		97	70 - 130	4	20
2,2-Dichloropropane	5.00	3.98		ug/L		80	70 - 130	2	20
2-Butanone (MEK)	50.0	49.7		ug/L		99	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	50.0	47.7		ug/L		95	70 - 130	4	20
Acetone	50.0	50.4	J	ug/L		101	70 - 130	4	20
Benzene	5.00	4.64		ug/L		93	70 - 130	2	20
Bromobenzene	5.00	4.77		ug/L		95	70 - 130	4	20
Bromochloromethane	5.00	4.68		ug/L		94	70 - 130	1	20
Bromodichloromethane	5.00	4.31		ug/L		86	70 - 130	3	20
Bromoform	5.00	5.05		ug/L		101	70 - 130	6	20
Bromomethane (Methyl Bromide)	5.00	5.82		ug/L		116	70 - 130	1	20
Carbon disulfide	5.00	3.96		ug/L		79	70 - 130	3	20
Carbon tetrachloride	5.00	4.17		ug/L		83	70 - 130	5	20
Chlorobenzene	5.00	4.73		ug/L		95	70 - 130	3	20
Chlorodibromomethane	5.00	4.43		ug/L		89	70 - 130	4	20
cis-1,3-Dichloropropene	5.00	4.06		ug/L		81	70 - 130	3	20
Dichloromethane	5.00	4.82		ug/L		96	70 - 130	2	20
Ethylbenzene	5.00	4.50		ug/L		90	70 - 130	2	20
Hexachlorobutadiene	5.00	5.76		ug/L		115	70 - 130	6	20
Isopropylbenzene	5.00	4.66		ug/L		93	70 - 130	4	20
m,p-Xylenes	10.0	9.14		ug/L		91	70 - 130	2	20
m-Dichlorobenzene (1,3-DCB)	5.00	5.13		ug/L		103	70 - 130	6	20
Methyl-tert-butyl Ether (MTBE)	5.00	4.77		ug/L		95	70 - 130	3	20
Naphthalene	5.00	4.50		ug/L		90	70 - 130	8	20
n-Butylbenzene	5.00	4.66		ug/L		93	70 - 130	2	20
N-Propylbenzene	5.00	4.68		ug/L		94	70 - 130	4	20
o-Chlorotoluene	5.00	5.01		ug/L		100	70 - 130	6	20
o-Dichlorobenzene (1,2-DCB)	5.00	4.81		ug/L		96	70 - 130	3	20
o-Xylene	5.00	4.78		ug/L		96	70 - 130	3	20
p-Chlorotoluene	5.00	4.85		ug/L		97	70 - 130	3	20
p-Dichlorobenzene (1,4-DCB)	5.00	5.10		ug/L		102	70 - 130	6	20
p-Isopropyltoluene	5.00	5.07		ug/L		101	70 - 130	3	20
sec-Butylbenzene	5.00	5.01		ug/L		100	70 - 130	5	20
Styrene	5.00	4.55		ug/L		91	70 - 130	2	20
Tert-amyl methyl ether	5.00	4.41		ug/L		88	70 - 130	5	20
1,3-Dichloropropene, Total	10.0	8.26		ug/L		83	70 - 130	3	20
Tert-butyl ethyl ether	5.00	4.76		ug/L		95	70 - 130	8	20
tert-Butylbenzene	5.00	5.00		ug/L		100	70 - 130	4	20
Tetrachloroethene (PCE)	5.00	4.43		ug/L		89	70 - 130	0	20
Toluene	5.00	4.75		ug/L		95	70 - 130	2	20
trans-1,2-Dichloroethylene	5.00	4.54		ug/L		91	70 - 130	2	20
trans-1,3-Dichloropropene	5.00	4.20		ug/L		84	70 - 130	4	20
Trichloroethylene (TCE)	5.00	4.59		ug/L		92	70 - 130	1	20
Bromoethane	5.00	5.02		ug/L		100	70 - 130	3	20

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

Lab Sample ID: LCSD 380-177727/6
Matrix: Water
Analysis Batch: 177727

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
Trichlorofluoromethane (Freon 11)			5.00	3.99		ug/L		80	70 - 130	2	20
Trichlorotrifluoroethane			5.00	4.04		ug/L		81	70 - 130	3	20
Diisopropyl ether			5.00	4.73		ug/L		95	70 - 130	4	20
Vinyl Chloride (VC)			5.00	4.14		ug/L		83	70 - 130	2	20
Xylenes, Total			15.0	13.9		ug/L		93	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MRL 380-177727/3
Matrix: Water
Analysis Batch: 177727

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			0.250	0.413	J ^3+	ug/L		165	50 - 150
Vinyl Chloride (VC)			0.125	0.241	J ^3+	ug/L		193	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MRL 380-177727/4
Matrix: Water
Analysis Batch: 177727

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	0.329	J	ug/L		66	50 - 150
1,1,1-Trichloroethane			0.500	0.343	J	ug/L		69	50 - 150
1,1,2,2-Tetrachloroethane			0.500	0.505		ug/L		101	50 - 150
1,1,2-Trichloroethane			0.500	0.430	J	ug/L		86	50 - 150
1,1-Dichloroethane			0.500	0.466	J	ug/L		93	50 - 150
1,1-Dichlorethylene			0.500	0.340	J	ug/L		68	50 - 150
1,1-Dichloropropene			0.500	0.329	J	ug/L		66	50 - 150
1,2,3-Trichlorobenzene			0.500	0.448	J	ug/L		90	50 - 150
1,2,3-Trichloropropane			0.500	0.512		ug/L		102	50 - 150
1,2,4-Trichlorobenzene			0.500	0.428	J	ug/L		86	50 - 150
1,2,4-Trimethylbenzene			0.500	0.440	J	ug/L		88	50 - 150
1,2-Dichloroethane			0.500	0.459	J	ug/L		92	50 - 150
1,2-Dichloropropane			0.500	0.418	J	ug/L		84	50 - 150
1,3,5-Trimethylbenzene			0.500	0.406	J	ug/L		81	50 - 150
1,3-Dichloropropane			0.500	0.437	J	ug/L		87	50 - 150
2,2-Dichloropropane			0.500	0.360	J	ug/L		72	50 - 150
2-Butanone (MEK)			5.00	5.24		ug/L		105	50 - 150
4-Methyl-2-pentanone (MIBK)			5.00	3.88	J	ug/L		78	50 - 150

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

Lab Sample ID: MRL 380-177727/4
Matrix: Water
Analysis Batch: 177727

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	5.00	5.44	J	ug/L		109	50 - 150
Benzene	0.500	0.518		ug/L		104	50 - 150
Bromobenzene	0.500	0.424	J	ug/L		85	50 - 150
Bromochloromethane	0.500	0.432	J	ug/L		86	50 - 150
Bromodichloromethane	0.500	0.361	J	ug/L		72	50 - 150
Bromoform	0.500	0.259	J	ug/L		52	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.464	J	ug/L		93	50 - 150
Carbon disulfide	0.500	0.348	J	ug/L		70	50 - 150
Carbon tetrachloride	0.500	0.280	J	ug/L		56	50 - 150
Chlorobenzene	0.500	0.432	J	ug/L		86	50 - 150
Chlorodibromomethane	0.500	0.338	J	ug/L		68	50 - 150
cis-1,3-Dichloropropene	0.500	0.323	J	ug/L		65	50 - 150
Dichloromethane	0.500	0.489	J	ug/L		98	50 - 150
Ethylbenzene	0.500	0.379	J	ug/L		76	50 - 150
Isopropylbenzene	0.500	0.368	J	ug/L		74	50 - 150
m,p-Xylenes	1.00	0.745		ug/L		75	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.476	J	ug/L		95	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.441	J	ug/L		88	50 - 150
Naphthalene	0.500	0.405	J	ug/L		81	50 - 150
n-Butylbenzene	0.500	0.368	J	ug/L		74	50 - 150
N-Propylbenzene	0.500	0.375	J	ug/L		75	50 - 150
o-Chlorotoluene	0.500	0.452	J	ug/L		90	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.446	J	ug/L		89	50 - 150
o-Xylene	0.500	0.389	J	ug/L		78	50 - 150
p-Chlorotoluene	0.500	0.410	J	ug/L		82	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.462	J	ug/L		92	50 - 150
p-Isopropyltoluene	0.500	0.390	J	ug/L		78	50 - 150
sec-Butylbenzene	0.500	0.383	J	ug/L		77	50 - 150
Styrene	0.500	0.358	J	ug/L		72	50 - 150
Tert-amyl methyl ether	0.500	0.391	J	ug/L		78	50 - 150
1,3-Dichloropropene, Total	1.00	0.635		ug/L		64	50 - 150
Tert-butyl ethyl ether	0.500	0.439	J	ug/L		88	50 - 150
tert-Butylbenzene	0.500	0.400	J	ug/L		80	50 - 150
Tetrachloroethene (PCE)	0.500	0.383	J	ug/L		77	50 - 150
Toluene	0.500	0.455	J	ug/L		91	50 - 150
trans-1,2-Dichloroethylene	0.500	0.420	J	ug/L		84	50 - 150
trans-1,3-Dichloropropene	0.500	0.312	J	ug/L		62	50 - 150
Trichloroethylene (TCE)	0.500	0.416	J	ug/L		83	50 - 150
Bromoethane	0.500	0.436	J	ug/L		87	50 - 150
Diisopropyl ether	0.500	0.469	J	ug/L		94	50 - 150
Vinyl Chloride (VC)	0.500	0.325		ug/L		65	50 - 150
Xylenes, Total	1.50	1.13		ug/L		76	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

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

Lab Sample ID: MB 380-178027/15
Matrix: Water
Analysis Batch: 178027

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			10/06/25 16:55	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			10/06/25 16:55	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,1-Dichloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,1-Dichloropropene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,2-Dichloropropane	<0.50		0.50		ug/L			10/06/25 16:55	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
1,3-Dichloropropane	<0.50		0.50		ug/L			10/06/25 16:55	1
2,2-Dichloropropane	<0.50		0.50		ug/L			10/06/25 16:55	1
2-Butanone (MEK)	<5.0		5.0		ug/L			10/06/25 16:55	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			10/06/25 16:55	1
Acetone	<500		500		ug/L			10/06/25 16:55	1
Benzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromobenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromochloromethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromodichloromethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromoform	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			10/06/25 16:55	1
Carbon disulfide	<0.50		0.50		ug/L			10/06/25 16:55	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/06/25 16:55	1
Chlorobenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Chlorodibromomethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Chloroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			10/06/25 16:55	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/06/25 16:55	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/06/25 16:55	1
Dibromomethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Dichloromethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Ethylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/06/25 16:55	1
Isopropylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
m,p-Xylenes	<0.50		0.50		ug/L			10/06/25 16:55	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			10/06/25 16:55	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			10/06/25 16:55	1
Naphthalene	<0.50		0.50		ug/L			10/06/25 16:55	1
n-Butylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
N-Propylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
o-Chlorotoluene	<0.50		0.50		ug/L			10/06/25 16:55	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			10/06/25 16:55	1

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

Lab Sample ID: MB 380-178027/15
Matrix: Water
Analysis Batch: 178027

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.50		0.50		ug/L			10/06/25 16:55	1
p-Chlorotoluene	<0.50		0.50		ug/L			10/06/25 16:55	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			10/06/25 16:55	1
p-Isopropyltoluene	<0.50		0.50		ug/L			10/06/25 16:55	1
sec-Butylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Styrene	<0.50		0.50		ug/L			10/06/25 16:55	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			10/06/25 16:55	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			10/06/25 16:55	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			10/06/25 16:55	1
tert-Butylbenzene	<0.50		0.50		ug/L			10/06/25 16:55	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			10/06/25 16:55	1
Toluene	<0.50		0.50		ug/L			10/06/25 16:55	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			10/06/25 16:55	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/06/25 16:55	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			10/06/25 16:55	1
Bromoethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/06/25 16:55	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			10/06/25 16:55	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/06/25 16:55	1
Diisopropyl ether	<3.0		3.0		ug/L			10/06/25 16:55	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			10/06/25 16:55	1
Xylenes, Total	<0.50		0.50		ug/L			10/06/25 16:55	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.845*	*T J*	*ug/L*		*3.12*	*N/A*		*10/06/25 16:55*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*10/06/25 16:55*	*1*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*10/06/25 16:55*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*10/06/25 16:55*	*1*

Lab Sample ID: LCS 380-178027/11
Matrix: Water
Analysis Batch: 178027

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	4.37		ug/L		87	70 - 130		
1,1,1-Trichloroethane			5.00	4.40		ug/L		88	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	5.27		ug/L		105	70 - 130		
1,1,2-Trichloroethane			5.00	4.44		ug/L		89	70 - 130		
1,1-Dichloroethane			5.00	4.49		ug/L		90	70 - 130		
1,1-Dichlorethylene			5.00	4.61		ug/L		92	70 - 130		
1,1-Dichloropropene			5.00	4.35		ug/L		87	70 - 130		
1,2,3-Trichlorobenzene			5.00	4.66		ug/L		93	70 - 130		
1,2,3-Trichloropropane			5.00	5.10		ug/L		102	70 - 130		
1,2,4-Trichlorobenzene			5.00	4.69		ug/L		94	70 - 130		
1,2,4-Trimethylbenzene			5.00	4.87		ug/L		97	70 - 130		
1,2-Dichloroethane			5.00	4.64		ug/L		93	70 - 130		

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

Lab Sample ID: LCS 380-178027/11
Matrix: Water
Analysis Batch: 178027

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloropropane	5.00	4.41		ug/L		88	70 - 130
1,3,5-Trimethylbenzene	5.00	4.99		ug/L		100	70 - 130
1,3-Dichloropropane	5.00	4.55		ug/L		91	70 - 130
2,2-Dichloropropane	5.00	4.08		ug/L		82	70 - 130
2-Butanone (MEK)	50.0	50.7		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.1		ug/L		94	70 - 130
Acetone	50.0	50.3	J	ug/L		101	70 - 130
Benzene	5.00	4.29		ug/L		86	70 - 130
Bromobenzene	5.00	4.58		ug/L		92	70 - 130
Bromochloromethane	5.00	4.71		ug/L		94	70 - 130
Bromodichloromethane	5.00	4.16		ug/L		83	70 - 130
Bromoform	5.00	4.54		ug/L		91	70 - 130
Bromomethane (Methyl Bromide)	5.00	5.49		ug/L		110	70 - 130
Carbon disulfide	5.00	4.46		ug/L		89	70 - 130
Carbon tetrachloride	5.00	4.26		ug/L		85	70 - 130
Chlorobenzene	5.00	4.60		ug/L		92	70 - 130
Chlorodibromomethane	5.00	4.15		ug/L		83	70 - 130
cis-1,3-Dichloropropene	5.00	4.02		ug/L		80	70 - 130
Dichloromethane	5.00	4.47		ug/L		89	70 - 130
Ethylbenzene	5.00	4.55		ug/L		91	70 - 130
Hexachlorobutadiene	5.00	5.03		ug/L		101	70 - 130
Isopropylbenzene	5.00	4.73		ug/L		95	70 - 130
m,p-Xylenes	10.0	9.19		ug/L		92	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	4.93		ug/L		99	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	4.24		ug/L		85	70 - 130
Naphthalene	5.00	4.70		ug/L		94	70 - 130
n-Butylbenzene	5.00	4.60		ug/L		92	70 - 130
N-Propylbenzene	5.00	4.77		ug/L		95	70 - 130
o-Chlorotoluene	5.00	4.88		ug/L		98	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	4.70		ug/L		94	70 - 130
o-Xylene	5.00	4.78		ug/L		96	70 - 130
p-Chlorotoluene	5.00	4.78		ug/L		96	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	4.84		ug/L		97	70 - 130
p-Isopropyltoluene	5.00	5.03		ug/L		101	70 - 130
sec-Butylbenzene	5.00	5.05		ug/L		101	70 - 130
Styrene	5.00	4.54		ug/L		91	70 - 130
Tert-amyl methyl ether	5.00	4.32		ug/L		86	70 - 130
1,3-Dichloropropene, Total	10.0	8.23		ug/L		82	70 - 130
Tert-butyl ethyl ether	5.00	4.40		ug/L		88	70 - 130
tert-Butylbenzene	5.00	5.00		ug/L		100	70 - 130
Tetrachloroethene (PCE)	5.00	4.54		ug/L		91	70 - 130
Toluene	5.00	4.42		ug/L		88	70 - 130
trans-1,2-Dichloroethylene	5.00	4.42		ug/L		88	70 - 130
trans-1,3-Dichloropropene	5.00	4.21		ug/L		84	70 - 130
Trichloroethylene (TCE)	5.00	4.48		ug/L		90	70 - 130
Bromoethane	5.00	4.48		ug/L		90	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	4.35		ug/L		87	70 - 130
Trichlorotrifluoroethane	5.00	4.64		ug/L		93	70 - 130

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

Lab Sample ID: LCS 380-178027/11
Matrix: Water
Analysis Batch: 178027

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diisopropyl ether			5.00	4.24		ug/L		85	70 - 130		
Vinyl Chloride (VC)			5.00	4.74		ug/L		95	70 - 130		
Xylenes, Total			15.0	14.0		ug/L		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 380-178027/12
Matrix: Water
Analysis Batch: 178027

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	4.50		ug/L		90	70 - 130	3	20
1,1,1-Trichloroethane			5.00	4.50		ug/L		90	70 - 130	2	20
1,1,2,2-Tetrachloroethane			5.00	5.44		ug/L		109	70 - 130	3	20
1,1,2-Trichloroethane			5.00	4.51		ug/L		90	70 - 130	2	20
1,1-Dichloroethane			5.00	4.70		ug/L		94	70 - 130	5	20
1,1-Dichlorethylene			5.00	4.80		ug/L		96	70 - 130	4	20
1,1-Dichloropropene			5.00	4.58		ug/L		92	70 - 130	5	20
1,2,3-Trichlorobenzene			5.00	4.83		ug/L		97	70 - 130	4	20
1,2,3-Trichloropropane			5.00	5.21		ug/L		104	70 - 130	2	20
1,2,4-Trichlorobenzene			5.00	4.90		ug/L		98	70 - 130	4	20
1,2,4-Trimethylbenzene			5.00	5.09		ug/L		102	70 - 130	4	20
1,2-Dichloroethane			5.00	4.76		ug/L		95	70 - 130	3	20
1,2-Dichloropropane			5.00	4.63		ug/L		93	70 - 130	5	20
1,3,5-Trimethylbenzene			5.00	5.18		ug/L		104	70 - 130	4	20
1,3-Dichloropropane			5.00	4.57		ug/L		91	70 - 130	1	20
2,2-Dichloropropane			5.00	4.30		ug/L		86	70 - 130	5	20
2-Butanone (MEK)			50.0	51.2		ug/L		102	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)			50.0	47.6		ug/L		95	70 - 130	1	20
Acetone			50.0	51.1	J	ug/L		102	70 - 130	2	20
Benzene			5.00	4.45		ug/L		89	70 - 130	4	20
Bromobenzene			5.00	4.77		ug/L		95	70 - 130	4	20
Bromochloromethane			5.00	4.95		ug/L		99	70 - 130	5	20
Bromodichloromethane			5.00	4.37		ug/L		87	70 - 130	5	20
Bromoform			5.00	4.67		ug/L		93	70 - 130	3	20
Bromomethane (Methyl Bromide)			5.00	5.83		ug/L		117	70 - 130	6	20
Carbon disulfide			5.00	4.61		ug/L		92	70 - 130	3	20
Carbon tetrachloride			5.00	4.35		ug/L		87	70 - 130	2	20
Chlorobenzene			5.00	4.74		ug/L		95	70 - 130	3	20
Chlorodibromomethane			5.00	4.18		ug/L		84	70 - 130	1	20
cis-1,3-Dichloropropene			5.00	4.14		ug/L		83	70 - 130	3	20
Dichloromethane			5.00	4.59		ug/L		92	70 - 130	3	20
Ethylbenzene			5.00	4.70		ug/L		94	70 - 130	3	20
Hexachlorobutadiene			5.00	5.42		ug/L		108	70 - 130	8	20
Isopropylbenzene			5.00	4.97		ug/L		99	70 - 130	5	20

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

Lab Sample ID: LCSD 380-178027/12
Matrix: Water
Analysis Batch: 178027

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes			10.0	9.57		ug/L		96	70 - 130	4	20
m-Dichlorobenzene (1,3-DCB)			5.00	5.14		ug/L		103	70 - 130	4	20
Methyl-tert-butyl Ether (MTBE)			5.00	4.32		ug/L		86	70 - 130	2	20
Naphthalene			5.00	4.87		ug/L		97	70 - 130	4	20
n-Butylbenzene			5.00	4.92		ug/L		98	70 - 130	7	20
N-Propylbenzene			5.00	5.05		ug/L		101	70 - 130	6	20
o-Chlorotoluene			5.00	5.04		ug/L		101	70 - 130	3	20
o-Dichlorobenzene (1,2-DCB)			5.00	4.87		ug/L		97	70 - 130	3	20
o-Xylene			5.00	4.94		ug/L		99	70 - 130	3	20
p-Chlorotoluene			5.00	5.01		ug/L		100	70 - 130	5	20
p-Dichlorobenzene (1,4-DCB)			5.00	5.05		ug/L		101	70 - 130	4	20
p-Isopropyltoluene			5.00	5.38		ug/L		108	70 - 130	7	20
sec-Butylbenzene			5.00	5.33		ug/L		107	70 - 130	5	20
Styrene			5.00	4.69		ug/L		94	70 - 130	3	20
Tert-amyl methyl ether			5.00	4.39		ug/L		88	70 - 130	1	20
1,3-Dichloropropene, Total			10.0	8.37		ug/L		84	70 - 130	2	20
Tert-butyl ethyl ether			5.00	4.30		ug/L		86	70 - 130	2	20
tert-Butylbenzene			5.00	5.27		ug/L		105	70 - 130	5	20
Tetrachloroethene (PCE)			5.00	4.68		ug/L		94	70 - 130	3	20
Toluene			5.00	4.62		ug/L		92	70 - 130	4	20
trans-1,2-Dichloroethylene			5.00	4.63		ug/L		93	70 - 130	5	20
trans-1,3-Dichloropropene			5.00	4.23		ug/L		85	70 - 130	0	20
Trichloroethylene (TCE)			5.00	4.64		ug/L		93	70 - 130	3	20
Bromoethane			5.00	4.72		ug/L		94	70 - 130	5	20
Trichlorofluoromethane (Freon 11)			5.00	4.69		ug/L		94	70 - 130	7	20
Trichlorotrifluoroethane			5.00	4.80		ug/L		96	70 - 130	3	20
Diisopropyl ether			5.00	4.31		ug/L		86	70 - 130	2	20
Vinyl Chloride (VC)			5.00	4.92		ug/L		98	70 - 130	4	20
Xylenes, Total			15.0	14.5		ug/L		97	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

Lab Sample ID: MRL 380-178027/13
Matrix: Water
Analysis Batch: 178027

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	0.457	J	ug/L		91	50 - 150		
Vinyl Chloride (VC)			0.250	0.251	J	ug/L		100	50 - 150		

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

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

Lab Sample ID: MRL 380-178027/14
Matrix: Water
Analysis Batch: 178027

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	0.451	J	ug/L		90	50 - 150
1,1,1-Trichloroethane	0.500	0.437	J	ug/L		87	50 - 150
1,1,2,2-Tetrachloroethane	0.500	0.516		ug/L		103	50 - 150
1,1,2-Trichloroethane	0.500	0.501		ug/L		100	50 - 150
1,1-Dichloroethane	0.500	0.485	J	ug/L		97	50 - 150
1,1-Dichlorethylene	0.500	0.453	J	ug/L		91	50 - 150
1,1-Dichloropropene	0.500	0.457	J	ug/L		91	50 - 150
1,2,3-Trichlorobenzene	0.500	0.583		ug/L		117	50 - 150
1,2,3-Trichloropropane	0.500	0.561		ug/L		112	50 - 150
1,2,4-Trichlorobenzene	0.500	0.573		ug/L		115	50 - 150
1,2,4-Trimethylbenzene	0.500	0.497	J	ug/L		99	50 - 150
1,2-Dichloroethane	0.500	0.514		ug/L		103	50 - 150
1,2-Dichloropropane	0.500	0.485	J	ug/L		97	50 - 150
1,3,5-Trimethylbenzene	0.500	0.472	J	ug/L		94	50 - 150
1,3-Dichloropropane	0.500	0.497	J	ug/L		99	50 - 150
2,2-Dichloropropane	0.500	0.430	J	ug/L		86	50 - 150
2-Butanone (MEK)	5.00	6.09		ug/L		122	50 - 150
4-Methyl-2-pentanone (MIBK)	5.00	5.45		ug/L		109	50 - 150
Acetone	5.00	6.57	J	ug/L		131	50 - 150
Benzene	0.500	0.523		ug/L		105	50 - 150
Bromobenzene	0.500	0.488	J	ug/L		98	50 - 150
Bromochloromethane	0.500	0.481	J	ug/L		96	50 - 150
Bromodichloromethane	0.500	0.452	J	ug/L		90	50 - 150
Bromoform	0.500	0.510		ug/L		102	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.696		ug/L		139	50 - 150
Carbon disulfide	0.500	0.565		ug/L		113	50 - 150
Carbon tetrachloride	0.500	0.408	J	ug/L		82	50 - 150
Chlorobenzene	0.500	0.473	J	ug/L		95	50 - 150
Chlorodibromomethane	0.500	0.414	J	ug/L		83	50 - 150
cis-1,3-Dichloropropene	0.500	0.397	J	ug/L		79	50 - 150
Dichloromethane	0.500	0.501		ug/L		100	50 - 150
Ethylbenzene	0.500	0.454	J	ug/L		91	50 - 150
Hexachlorobutadiene	0.500	0.624		ug/L		125	50 - 150
Isopropylbenzene	0.500	0.441	J	ug/L		88	50 - 150
m,p-Xylenes	1.00	0.900		ug/L		90	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.513		ug/L		103	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.577		ug/L		115	50 - 150
Naphthalene	0.500	0.532		ug/L		106	50 - 150
n-Butylbenzene	0.500	0.464	J	ug/L		93	50 - 150
N-Propylbenzene	0.500	0.447	J	ug/L		89	50 - 150
o-Chlorotoluene	0.500	0.458	J	ug/L		92	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.504		ug/L		101	50 - 150
o-Xylene	0.500	0.461	J	ug/L		92	50 - 150
p-Chlorotoluene	0.500	0.463	J	ug/L		93	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.504		ug/L		101	50 - 150
p-Isopropyltoluene	0.500	0.498	J	ug/L		100	50 - 150
sec-Butylbenzene	0.500	0.490	J	ug/L		98	50 - 150
Styrene	0.500	0.439	J	ug/L		88	50 - 150

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

Lab Sample ID: MRL 380-178027/14
Matrix: Water
Analysis Batch: 178027

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Tert-amyl methyl ether	0.500	0.558	J	ug/L		112	50 - 150
1,3-Dichloropropene, Total	1.00	0.783		ug/L		78	50 - 150
Tert-butyl ethyl ether	0.500	0.572	J	ug/L		114	50 - 150
tert-Butylbenzene	0.500	0.516		ug/L		103	50 - 150
Tetrachloroethene (PCE)	0.500	0.447	J	ug/L		89	50 - 150
Toluene	0.500	0.504		ug/L		101	50 - 150
trans-1,2-Dichloroethylene	0.500	0.490	J	ug/L		98	50 - 150
trans-1,3-Dichloropropene	0.500	0.386	J	ug/L		77	50 - 150
Trichloroethylene (TCE)	0.500	0.469	J	ug/L		94	50 - 150
Bromoethane	0.500	0.546		ug/L		109	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.376	J	ug/L		75	50 - 150
Trichlorotrifluoroethane	0.500	0.573		ug/L		115	50 - 150
Diisopropyl ether	0.500	0.649	J	ug/L		130	50 - 150
Vinyl Chloride (VC)	0.500	0.487		ug/L		97	50 - 150
Xylenes, Total	1.50	1.36		ug/L		91	50 - 150

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

Lab Sample ID: MRL 380-178175/3
Matrix: Water
Analysis Batch: 178175

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

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: MRL 380-178175/4
Matrix: Water
Analysis Batch: 178175

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	0.672		ug/L		134	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.414	J	ug/L		83	50 - 150
Trichlorotrifluoroethane	0.500	0.567		ug/L		113	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

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

Lab Sample ID: MB 380-178240/5
Matrix: Water
Analysis Batch: 178240

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	<0.50		0.50		ug/L			10/07/25 23:48	1
Hexachlorobutadiene	<0.50		0.50		ug/L			10/07/25 23:48	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			10/07/25 23:48	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			10/07/25 23:48	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*		*10/07/25 23:48*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*10/07/25 23:48*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*10/07/25 23:48*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*10/07/25 23:48*	*1*

Lab Sample ID: LCS 380-178240/3
Matrix: Water
Analysis Batch: 178240

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Hexachlorobutadiene			5.00	5.05		ug/L		101	70 - 130		
Trichlorofluoromethane (Freon 11)			5.00	4.32		ug/L		86	70 - 130		
Trichlorotrifluoroethane			5.00	4.68		ug/L		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 380-178240/4
Matrix: Water
Analysis Batch: 178240

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
Hexachlorobutadiene			5.00	5.46		ug/L		109	70 - 130	8	20
Trichlorofluoromethane (Freon 11)			5.00	4.36		ug/L		87	70 - 130	1	20
Trichlorotrifluoroethane			5.00	4.67		ug/L		93	70 - 130	0	20

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

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

Lab Sample ID: MB 380-177756/20-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177756

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
2,4'-DDE	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
2,4'-DDT	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
4,4'-DDD	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
4,4'-DDE	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
4,4'-DDT	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Acenaphthene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Acenaphthylene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Acetochlor	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Alachlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
alpha-BHC	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
alpha-Chlordane	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Anthracene	<0.020		0.020		ug/L		10/03/25 09:45	10/06/25 13:15	1
Atrazine	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Benz(a)anthracene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Benzo[a]pyrene	<0.020		0.020		ug/L		10/03/25 09:45	10/06/25 13:15	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		10/03/25 09:45	10/06/25 13:15	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		10/03/25 09:45	10/06/25 13:15	1
beta-BHC	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		10/03/25 09:45	10/06/25 13:15	1
Aldrin	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Bromacil	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Butachlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Butylbenzylphthalate	<0.50		0.50		ug/L		10/03/25 09:45	10/06/25 13:15	1
Chlorobenzilate	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Chloroneb	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Chlorpyrifos	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Chrysene	<0.020		0.020		ug/L		10/03/25 09:45	10/06/25 13:15	1
delta-BHC	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		10/03/25 09:45	10/06/25 13:15	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Dieldrin	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Diethylphthalate	<0.50		0.50		ug/L		10/03/25 09:45	10/06/25 13:15	1
Dimethylphthalate	<0.50		0.50		ug/L		10/03/25 09:45	10/06/25 13:15	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		10/03/25 09:45	10/06/25 13:15	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Endosulfan sulfate	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Endrin	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Endrin aldehyde	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
EPTC	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Fluoranthene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1

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

Lab Sample ID: MB 380-177756/20-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177756

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
gamma-BHC (Lindane)	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
gamma-Chlordane	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Heptachlor	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Hexachlorobenzene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Isophorone	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Malathion	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Methoxychlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Metolachlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Molinate	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Naphthalene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Parathion	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Phenanthrene	<0.040		0.040		ug/L		10/03/25 09:45	10/06/25 13:15	1
Propachlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Pyrene	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Simazine	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Terbacil	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Terbuthylazine	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Thiobencarb	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		10/03/25 09:45	10/06/25 13:15	1
trans-Nonachlor	<0.050		0.050		ug/L		10/03/25 09:45	10/06/25 13:15	1
Trifluralin	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
1-Methylnaphthalene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1
2-Methylnaphthalene	<0.099		0.099		ug/L		10/03/25 09:45	10/06/25 13:15	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Decane	*1.90*	*T J N*	*ug/L*		*2.74*	*124-18-5*	*10/03/25 09:45*	*10/06/25 13:15*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*101*		*70 - 130*	*10/03/25 09:45*	*10/06/25 13:15*	*1*
Perylene-d12	*88*		*70 - 130*	*10/03/25 09:45*	*10/06/25 13:15*	*1*
Triphenylphosphate	*90*		*70 - 130*	*10/03/25 09:45*	*10/06/25 13:15*	*1*

Lab Sample ID: LCS 380-177756/22-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	1.99	1.89		ug/L		95	70 - 130
2,4'-DDE	1.99	2.09		ug/L		105	70 - 130
2,4'-DDT	1.99	1.82		ug/L		92	70 - 130
2,4-Dinitrotoluene	1.99	1.76		ug/L		89	70 - 130
2,6-Dinitrotoluene	1.99	1.86		ug/L		94	70 - 130
4,4'-DDD	1.99	1.94		ug/L		98	70 - 130

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

Lab Sample ID: LCS 380-177756/22-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	1.99	1.83		ug/L		92	70 - 130
4,4'-DDT	1.99	1.83		ug/L		92	70 - 130
Acenaphthene	1.99	2.02		ug/L		102	70 - 130
Acenaphthylene	1.99	1.82		ug/L		92	70 - 130
Acetochlor	1.99	2.06		ug/L		104	70 - 130
Alachlor	1.99	2.20		ug/L		111	70 - 130
alpha-BHC	1.99	1.99		ug/L		100	70 - 130
alpha-Chlordane	1.99	1.96		ug/L		99	70 - 130
Anthracene	1.99	1.99		ug/L		100	70 - 130
Atrazine	1.99	1.90		ug/L		96	70 - 130
Benz(a)anthracene	1.99	2.04		ug/L		103	70 - 130
Benzo[a]pyrene	1.99	2.13		ug/L		108	70 - 130
Benzo[b]fluoranthene	1.99	2.12		ug/L		107	70 - 130
Benzo[g,h,i]perylene	1.99	2.05		ug/L		103	70 - 130
Benzo[k]fluoranthene	1.99	2.03		ug/L		102	70 - 130
beta-BHC	1.99	1.99		ug/L		100	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	2.02		ug/L		102	70 - 130
Aldrin	1.99	1.81		ug/L		91	70 - 130
Bromacil	1.99	1.96		ug/L		99	70 - 130
Butachlor	1.99	2.07		ug/L		104	70 - 130
Butylbenzylphthalate	1.99	2.32		ug/L		117	70 - 130
Chlorobenzilate	1.99	2.12		ug/L		107	70 - 130
Chloroneb	1.99	2.00		ug/L		101	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	1.94		ug/L		98	70 - 130
Chlorpyrifos	1.99	2.01		ug/L		101	70 - 130
Chrysene	1.99	2.00		ug/L		101	70 - 130
delta-BHC	1.99	1.95		ug/L		98	70 - 130
Di(2-ethylhexyl)adipate	1.99	2.09		ug/L		105	70 - 130
Dibenz(a,h)anthracene	1.99	2.02		ug/L		102	70 - 130
Diclorvos (DDVP)	1.99	2.11		ug/L		106	70 - 130
Dieldrin	1.99	2.09		ug/L		106	70 - 130
Diethylphthalate	1.99	2.15		ug/L		108	70 - 130
Dimethylphthalate	1.99	2.13		ug/L		107	70 - 130
Di-n-butyl phthalate	3.97	4.31		ug/L		108	70 - 130
Di-n-octyl phthalate	1.99	1.91		ug/L		96	70 - 130
Endosulfan I (Alpha)	1.99	2.01		ug/L		101	70 - 130
Endosulfan II (Beta)	1.99	2.13		ug/L		107	70 - 130
Endosulfan sulfate	1.99	1.98		ug/L		100	70 - 130
Endrin	1.99	2.04		ug/L		103	70 - 130
Endrin aldehyde	1.99	1.98		ug/L		100	60 - 130
EPTC	1.99	2.13		ug/L		108	70 - 130
Fluoranthene	1.99	2.01		ug/L		101	70 - 130
Fluorene	1.99	2.13		ug/L		107	70 - 130
gamma-BHC (Lindane)	1.99	2.05		ug/L		103	70 - 130
gamma-Chlordane	1.99	1.89		ug/L		95	70 - 130
Heptachlor	1.99	2.01		ug/L		101	70 - 130
Heptachlor epoxide (isomer B)	1.99	1.97		ug/L		99	70 - 130
Hexachlorobenzene	1.99	1.86		ug/L		93	70 - 130
Hexachlorocyclopentadiene	1.99	1.82		ug/L		92	70 - 130

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

Lab Sample ID: LCS 380-177756/22-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	1.99	1.92		ug/L		97	70 - 130
Isophorone	1.99	2.07		ug/L		104	70 - 130
Malathion	1.99	1.99		ug/L		100	70 - 130
Methoxychlor	1.99	2.20		ug/L		111	70 - 130
Metolachlor	1.99	2.04		ug/L		103	70 - 130
Molinate	1.99	2.14		ug/L		108	70 - 130
Naphthalene	1.99	2.01		ug/L		101	70 - 130
Parathion	1.99	1.94		ug/L		98	70 - 130
Pendimethalin (Penoxaline)	1.99	1.63		ug/L		82	70 - 130
Phenanthrene	1.99	2.04		ug/L		103	70 - 130
Propachlor	1.99	2.23		ug/L		112	70 - 130
Pyrene	1.99	1.93		ug/L		97	70 - 130
Simazine	1.99	1.99		ug/L		100	70 - 130
Terbacil	1.99	2.08		ug/L		105	70 - 130
Terbuthylazine	1.99	2.04		ug/L		103	70 - 130
Thiobencarb	1.99	1.95		ug/L		98	70 - 130
trans-Nonachlor	1.99	1.94		ug/L		98	70 - 130
Trifluralin	1.99	1.73		ug/L		87	70 - 130
1-Methylnaphthalene	1.99	1.96		ug/L		99	70 - 130
2-Methylnaphthalene	1.99	2.00		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*104*		*70 - 130*

Lab Sample ID: MRL 380-177756/21-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	0.0991	0.0943	J	ug/L		95	50 - 150
2,4'-DDE	0.0991	0.0985	J	ug/L		99	50 - 150
2,4'-DDT	0.0991	0.108		ug/L		109	50 - 150
2,4-Dinitrotoluene	0.0991	0.113		ug/L		114	50 - 150
2,6-Dinitrotoluene	0.0991	0.129		ug/L		130	50 - 150
4,4'-DDD	0.0991	0.105		ug/L		106	50 - 150
4,4'-DDE	0.0991	0.0996		ug/L		100	50 - 150
4,4'-DDT	0.0991	0.114		ug/L		115	50 - 150
Acenaphthene	0.0991	0.0937	J	ug/L		95	50 - 150
Acenaphthylene	0.0991	0.0994		ug/L		100	50 - 150
Acetochlor	0.0991	0.115		ug/L		116	50 - 150
Alachlor	0.0496	0.0514		ug/L		104	50 - 150
alpha-BHC	0.0991	0.0976	J	ug/L		98	50 - 150
alpha-Chlordane	0.0248	0.0352	J	ug/L		142	50 - 150
Anthracene	0.0198	0.0241		ug/L		122	50 - 150
Atrazine	0.0496	0.0667		ug/L		135	50 - 150
Benz(a)anthracene	0.0496	0.0552		ug/L		111	50 - 150

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

Lab Sample ID: MRL 380-177756/21-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	0.0198	0.0224		ug/L		113	50 - 150
Benzo[b]fluoranthene	0.0198	0.0266		ug/L		134	50 - 150
Benzo[g,h,i]perylene	0.0496	0.0603		ug/L		122	50 - 150
Benzo[k]fluoranthene	0.0198	0.0248		ug/L		125	50 - 150
beta-BHC	0.0991	0.108		ug/L		109	50 - 150
Bis(2-ethylhexyl) phthalate	0.595	0.591		ug/L		99	50 - 150
Aldrin	0.00991	0.0137		ug/L		138	50 - 150
Bromacil	0.0991	0.117		ug/L		118	50 - 150
Butachlor	0.0496	0.0687		ug/L		139	50 - 150
Butylbenzylphthalate	0.496	0.592		ug/L		119	50 - 150
Chlorobenzilate	0.0991	0.104		ug/L		104	50 - 150
Chloroneb	0.0991	0.102		ug/L		103	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0991	0.110		ug/L		111	50 - 150
Chlorpyrifos	0.0496	0.0529		ug/L		107	50 - 150
Chrysene	0.0198	0.0230		ug/L		116	50 - 150
delta-BHC	0.0991	0.0971	J	ug/L		98	50 - 150
Di(2-ethylhexyl)adipate	0.595	0.615		ug/L		104	50 - 150
Dibenz(a,h)anthracene	0.0496	0.0646		ug/L		130	50 - 150
Diclorvos (DDVP)	0.0496	0.0609		ug/L		123	50 - 150
Dieldrin	0.00991	0.0116		ug/L		117	50 - 150
Diethylphthalate	0.496	0.558		ug/L		113	50 - 150
Dimethylphthalate	0.496	0.547		ug/L		110	50 - 150
Di-n-butyl phthalate	0.496	0.571	J	ug/L		115	49 - 243
Di-n-octyl phthalate	0.0991	0.0964	J	ug/L		97	50 - 150
Endosulfan I (Alpha)	0.0991	0.0861	J	ug/L		87	50 - 150
Endosulfan II (Beta)	0.0991	0.111		ug/L		112	50 - 150
Endosulfan sulfate	0.0991	0.110		ug/L		111	50 - 150
Endrin	0.00991	0.0138		ug/L		139	50 - 150
Endrin aldehyde	0.0991	0.114		ug/L		115	50 - 150
EPTC	0.0991	0.113		ug/L		114	50 - 150
Fluoranthene	0.0991	0.105		ug/L		106	50 - 150
Fluorene	0.0496	0.0545		ug/L		110	50 - 150
gamma-BHC (Lindane)	0.00991	0.0135		ug/L		136	50 - 150
gamma-Chlordane	0.0248	0.0353	J	ug/L		143	50 - 150
Heptachlor	0.00991	0.0133		ug/L		135	50 - 150
Heptachlor epoxide (isomer B)	0.00991	0.0136		ug/L		138	50 - 150
Hexachlorobenzene	0.0496	0.0505		ug/L		102	50 - 150
Hexachlorocyclopentadiene	0.0496	0.0501		ug/L		101	50 - 150
Indeno[1,2,3-cd]pyrene	0.0496	0.0733		ug/L		148	50 - 150
Isophorone	0.0991	0.129		ug/L		130	50 - 150
Malathion	0.0991	0.106		ug/L		107	50 - 150
Methoxychlor	0.0496	0.0702		ug/L		142	50 - 150
Metolachlor	0.0496	0.0616		ug/L		124	50 - 150
Molinate	0.0991	0.105		ug/L		106	50 - 150
Naphthalene	0.0991	0.113		ug/L		114	50 - 150
Parathion	0.0991	0.0963	J	ug/L		97	50 - 150
Pendimethalin (Penoxaline)	0.0991	0.0962	J	ug/L		97	50 - 150
Phenanthrene	0.0396	0.0440		ug/L		111	50 - 150
Propachlor	0.0496	0.0587		ug/L		118	50 - 150

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

Lab Sample ID: MRL 380-177756/21-A
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Pyrene	0.0496	0.0529		ug/L		107	50 - 150
Simazine	0.0496	0.0640		ug/L		129	50 - 150
Terbacil	0.0991	0.105		ug/L		106	50 - 150
Terbuthylazine	0.0991	0.112		ug/L		113	50 - 150
Thiobencarb	0.0991	0.110		ug/L		111	50 - 150
trans-Nonachlor	0.0248	0.0367	J	ug/L		148	50 - 150
Trifluralin	0.0991	0.107		ug/L		108	50 - 150
1-Methylnaphthalene	0.0991	0.111		ug/L		112	50 - 150
2-Methylnaphthalene	0.0991	0.105		ug/L		106	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*101*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: 380-174230-V-1-A MS
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	<0.097		1.94	1.90		ug/L		98	70 - 130
2,4'-DDE	<0.097		1.94	1.99		ug/L		103	70 - 130
2,4'-DDT	<0.097		1.94	1.95		ug/L		101	70 - 130
2,4-Dinitrotoluene	<0.097		1.94	2.02		ug/L		104	70 - 130
2,6-Dinitrotoluene	<0.097		1.94	1.96		ug/L		101	70 - 130
4,4'-DDD	<0.097		1.94	1.93		ug/L		100	70 - 130
4,4'-DDE	<0.097		1.94	1.96		ug/L		101	70 - 130
4,4'-DDT	<0.097		1.94	1.88		ug/L		97	70 - 130
Acenaphthene	<0.097		1.94	1.94		ug/L		100	70 - 130
Acenaphthylene	<0.097		1.94	1.86		ug/L		96	70 - 130
Acetochlor	<0.097		1.94	2.03		ug/L		105	70 - 130
Alachlor	<0.048		1.94	2.16		ug/L		111	70 - 130
alpha-BHC	<0.097		1.94	1.96		ug/L		101	70 - 130
alpha-Chlordane	<0.048		1.94	1.90		ug/L		98	70 - 130
Anthracene	<0.019		1.94	1.44		ug/L		74	70 - 130
Atrazine	<0.048		1.94	1.96		ug/L		101	70 - 130
Benz(a)anthracene	<0.048		1.94	2.00		ug/L		103	70 - 130
Benzo[a]pyrene	<0.019		1.94	2.01		ug/L		104	70 - 130
Benzo[b]fluoranthene	<0.019		1.94	2.06		ug/L		106	70 - 130
Benzo[g,h,i]perylene	<0.048		1.94	1.95		ug/L		101	70 - 130
Benzo[k]fluoranthene	<0.019		1.94	2.04		ug/L		106	70 - 130
beta-BHC	<0.097		1.94	2.05		ug/L		106	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.94	2.16		ug/L		111	70 - 130
Aldrin	<0.0097		1.94	1.70		ug/L		88	70 - 130
Bromacil	2.3		1.94	4.56		ug/L		116	70 - 130
Butachlor	<0.048		1.94	2.07		ug/L		107	70 - 130
Butylbenzylphthalate	<0.48		1.94	2.26		ug/L		117	70 - 130
Chlorobenzilate	<0.097		1.94	2.00		ug/L		103	70 - 130

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

Lab Sample ID: 380-174230-V-1-A MS
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroneb	<0.097		1.94	1.96		ug/L		101	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.94	1.90		ug/L		98	70 - 130
Chlorpyrifos	<0.048		1.94	1.98		ug/L		102	70 - 130
Chrysene	<0.019		1.94	1.98		ug/L		102	70 - 130
delta-BHC	<0.097		1.94	1.90		ug/L		98	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.94	2.09		ug/L		108	70 - 130
Dibenz(a,h)anthracene	<0.048		1.94	2.01		ug/L		104	70 - 130
Diclorvos (DDVP)	<0.048		1.94	2.04		ug/L		106	70 - 130
Dieldrin	<0.0097		1.94	1.89		ug/L		98	70 - 130
Diethylphthalate	<0.48		1.94	2.15		ug/L		111	70 - 130
Dimethylphthalate	<0.48		1.94	2.11		ug/L		109	70 - 130
Di-n-butyl phthalate	<0.97		3.88	4.46		ug/L		115	70 - 130
Di-n-octyl phthalate	<0.097		1.94	1.97		ug/L		102	70 - 130
Endosulfan I (Alpha)	<0.097		1.94	1.88		ug/L		97	70 - 130
Endosulfan II (Beta)	<0.097		1.94	1.95		ug/L		101	70 - 130
Endosulfan sulfate	<0.097		1.94	1.99		ug/L		103	70 - 130
Endrin	<0.0097		1.94	1.94		ug/L		100	70 - 130
Endrin aldehyde	<0.097		1.94	1.76		ug/L		91	60 - 130
EPTC	<0.097		1.94	2.08		ug/L		107	70 - 130
Fluoranthene	<0.097		1.94	2.00		ug/L		103	70 - 130
Fluorene	<0.048		1.94	2.08		ug/L		107	70 - 130
gamma-BHC (Lindane)	<0.0097		1.94	2.05		ug/L		106	70 - 130
gamma-Chlordane	<0.048		1.94	1.82		ug/L		94	70 - 130
Heptachlor	<0.0097		1.94	2.01		ug/L		104	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.94	2.04		ug/L		105	70 - 130
Hexachlorobenzene	<0.048		1.94	1.86		ug/L		96	70 - 130
Hexachlorocyclopentadiene	<0.048		1.94	1.81		ug/L		93	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.94	2.02		ug/L		104	70 - 130
Isophorone	<0.097		1.94	1.95		ug/L		101	70 - 130
Malathion	<0.097		1.94	1.99		ug/L		103	70 - 130
Methoxychlor	<0.048		1.94	2.10		ug/L		109	70 - 130
Metolachlor	<0.048		1.94	2.02		ug/L		104	70 - 130
Molinate	<0.097		1.94	2.13		ug/L		110	70 - 130
Naphthalene	<0.097		1.94	1.92		ug/L		99	70 - 130
Parathion	<0.097		1.94	1.89		ug/L		98	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.94	1.91		ug/L		98	70 - 130
Phenanthrene	<0.039		1.94	1.94		ug/L		100	70 - 130
Propachlor	<0.048		1.94	2.21		ug/L		114	70 - 130
Pyrene	<0.048		1.94	1.88		ug/L		97	70 - 130
Simazine	<0.048		1.94	2.07		ug/L		107	70 - 130
Terbacil	<0.097		1.94	1.99		ug/L		103	70 - 130
Terbuthylazine	<0.097		1.94	2.04		ug/L		105	70 - 130
Thiobencarb	<0.097		1.94	1.94		ug/L		100	70 - 130
trans-Nonachlor	<0.048		1.94	1.90		ug/L		98	70 - 130
Trifluralin	<0.097		1.94	1.93		ug/L		100	70 - 130
1-Methylnaphthalene	<0.097		1.94	1.89		ug/L		97	70 - 130
2-Methylnaphthalene	<0.097		1.94	1.89		ug/L		98	70 - 130

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

Lab Sample ID: 380-174230-V-1-A MS
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177756

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*101*		*70 - 130*
Triphenylphosphate	*104*		*70 - 130*

Lab Sample ID: 380-174329-K-2-A DU
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2,4'-DDD	<0.10			<0.099		ug/L				NC	20
2,4'-DDE	<0.10			<0.099		ug/L				NC	20
2,4'-DDT	<0.10			<0.099		ug/L				NC	20
2,4-Dinitrotoluene	<0.10			<0.099		ug/L				NC	20
2,6-Dinitrotoluene	<0.10			<0.099		ug/L				NC	20
4,4'-DDD	<0.10			<0.099		ug/L				NC	20
4,4'-DDE	<0.10			<0.099		ug/L				NC	20
4,4'-DDT	<0.10			<0.099		ug/L				NC	20
Acenaphthene	<0.10			<0.099		ug/L				NC	20
Acenaphthylene	<0.10			<0.099		ug/L				NC	20
Acetochlor	<0.10			<0.099		ug/L				NC	20
Alachlor	<0.050			<0.049		ug/L				NC	20
alpha-BHC	<0.10			<0.099		ug/L				NC	20
alpha-Chlordane	<0.050			<0.049		ug/L				NC	20
Anthracene	<0.020			<0.020		ug/L				NC	20
Atrazine	<0.050			<0.049		ug/L				NC	20
Benz(a)anthracene	<0.050			<0.049		ug/L				NC	20
Benzo[a]pyrene	<0.020			<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.020			<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.050			<0.049		ug/L				NC	20
Benzo[k]fluoranthene	<0.020			<0.020		ug/L				NC	20
beta-BHC	<0.10			<0.099		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.60			<0.59		ug/L				NC	20
Aldrin	<0.010			<0.0099		ug/L				NC	20
Bromacil	<0.10			<0.099		ug/L				NC	20
Butachlor	<0.050			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.50			<0.49		ug/L				NC	20
Chlorobenzilate	<0.10			<0.099		ug/L				NC	20
Chloroneb	<0.10			<0.099		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.10			<0.099		ug/L				NC	20
Chlorpyrifos	<0.050			<0.049		ug/L				NC	20
Chrysene	<0.020			<0.020		ug/L				NC	20
delta-BHC	<0.10			<0.099		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.60			<0.59		ug/L				NC	20
Dibenz(a,h)anthracene	<0.050			<0.049		ug/L				NC	20
Diclorvos (DDVP)	<0.050			<0.049		ug/L				NC	20
Dieldrin	<0.010			<0.0099		ug/L				NC	20
Diethylphthalate	<0.50			<0.49		ug/L				NC	20
Dimethylphthalate	<0.50			<0.49		ug/L				NC	20

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

Lab Sample ID: 380-174329-K-2-A DU
Matrix: Water
Analysis Batch: 177978

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 177756

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Di-n-butyl phthalate	<1.0			<0.99		ug/L				NC	20
Di-n-octyl phthalate	<0.10			<0.099		ug/L				NC	20
Endosulfan I (Alpha)	<0.10			<0.099		ug/L				NC	20
Endosulfan II (Beta)	<0.10			<0.099		ug/L				NC	20
Endosulfan sulfate	<0.10			<0.099		ug/L				NC	20
Endrin	<0.010			<0.0099		ug/L				NC	20
Endrin aldehyde	<0.10			<0.099		ug/L				NC	20
EPTC	<0.10			<0.099		ug/L				NC	20
Fluoranthene	<0.10			<0.099		ug/L				NC	20
Fluorene	<0.050			<0.049		ug/L				NC	20
gamma-BHC (Lindane)	<0.010			<0.0099		ug/L				NC	20
gamma-Chlordane	<0.050			<0.049		ug/L				NC	20
Heptachlor	<0.010			<0.0099		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.010			<0.0099		ug/L				NC	20
Hexachlorobenzene	<0.050			<0.049		ug/L				NC	20
Hexachlorocyclopentadiene	<0.050			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.050			<0.049		ug/L				NC	20
Isophorone	<0.10			<0.099		ug/L				NC	20
Malathion	<0.10			<0.099		ug/L				NC	20
Methoxychlor	<0.050			<0.049		ug/L				NC	20
Metolachlor	<0.050			<0.049		ug/L				NC	20
Molinate	<0.10			<0.099		ug/L				NC	20
Naphthalene	<0.10			<0.099		ug/L				NC	20
Parathion	<0.10			<0.099		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.10			<0.099		ug/L				NC	20
Phenanthrene	<0.040			<0.039		ug/L				NC	20
Propachlor	<0.050			<0.049		ug/L				NC	20
Pyrene	<0.050			<0.049		ug/L				NC	20
Simazine	<0.050			<0.049		ug/L				NC	20
Terbacil	<0.10			<0.099		ug/L				NC	20
Terbuthylazine	<0.10			<0.099		ug/L				NC	20
Thiobencarb	<0.10			<0.099		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.20			<0.20		ug/L				NC	20
trans-Nonachlor	<0.050			<0.049		ug/L				NC	20
Trifluralin	<0.10			<0.099		ug/L				NC	20
1-Methylnaphthalene	<0.10			<0.099		ug/L				NC	20
2-Methylnaphthalene	<0.10			<0.099		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*102*		*70 - 130*
Perylene-d12	*90*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

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

Lab Sample ID: MB 570-636448/1-A
Matrix: Water
Analysis Batch: 643083

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 636448

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	10/07/25 05:00	10/20/25 09:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		33 - 139	10/07/25 05:00	10/20/25 09:12	1
2-Fluorobiphenyl (Surr)	92		33 - 126	10/07/25 05:00	10/20/25 09:12	1
2-Fluorophenol (Surr)	53		12 - 120	10/07/25 05:00	10/20/25 09:12	1
Nitrobenzene-d5 (Surr)	96		36 - 120	10/07/25 05:00	10/20/25 09:12	1
Phenol-d6 (Surr)	35		10 - 120	10/07/25 05:00	10/20/25 09:12	1
p-Terphenyl-d14 (Surr)	97		47 - 131	10/07/25 05:00	10/20/25 09:12	1

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

Lab Sample ID: MB 570-636448/1-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 636448

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
2,4,5-Trichlorophenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2,4,6-Trichlorophenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2,4-Dichlorophenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2,4-Dinitrophenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2,6-Dichlorophenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Chloronaphthalene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Chlorophenol	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Methylnaphthalene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Methylphenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Nitroaniline	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
2-Nitrophenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
3/4-Methylphenol	<2.0		2.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
3-Nitroaniline	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
4,6-Dinitro-2-methylphenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Chloro-3-methylphenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Chloroaniline	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Nitroaniline	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
4-Nitrophenol	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
Acenaphthene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Acenaphthylene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Aniline	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Anthracene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzidine	<5.0		5.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzo[a]anthracene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzo[a]pyrene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1

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

Lab Sample ID: MB 570-636448/1-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 636448

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	<10		10		ug/L		10/07/25 05:00	10/12/25 06:45	1
Benzyl alcohol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Chrysene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Dibenzofuran	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Fluoranthene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Fluorene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Hexachloroethane	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Naphthalene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Nitrobenzene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Pentachlorophenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
Phenanthrene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1
Phenol	<1.0		1.0		ug/L		10/07/25 05:00	10/12/25 06:45	1
Pyrene	<0.20		0.20		ug/L		10/07/25 05:00	10/12/25 06:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*28 - 127*	*10/07/25 05:00*	*10/12/25 06:45*	*1*
2-Fluorobiphenyl (Surr)	*88*		*31 - 120*	*10/07/25 05:00*	*10/12/25 06:45*	*1*
2-Fluorophenol (Surr)	*55*		*17 - 120*	*10/07/25 05:00*	*10/12/25 06:45*	*1*
Nitrobenzene-d5 (Surr)	*95*		*27 - 120*	*10/07/25 05:00*	*10/12/25 06:45*	*1*
Phenol-d6 (Surr)	*35*		*10 - 120*	*10/07/25 05:00*	*10/12/25 06:45*	*1*
p-Terphenyl-d14 (Surr)	*91*		*45 - 120*	*10/07/25 05:00*	*10/12/25 06:45*	*1*

Lab Sample ID: LCS 570-636448/2-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 636448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	15.2		ug/L		76	47 - 120
2,4,5-Trichlorophenol	20.0	20.4		ug/L		102	57 - 120
2,4,6-Trichlorophenol	20.0	19.1		ug/L		95	52 - 129
2,4-Dichlorophenol	20.0	15.8		ug/L		79	53 - 122
2,4-Dinitrophenol	20.0	19.8		ug/L		99	1 - 173
2,6-Dichlorophenol	20.0	15.6		ug/L		78	50 - 120
2-Chloronaphthalene	20.0	18.5		ug/L		92	65 - 120
2-Chlorophenol	20.0	18.7		ug/L		94	36 - 120
2-Methylnaphthalene	20.0	15.0		ug/L		75	43 - 120
2-Methylphenol	20.0	17.5		ug/L		87	46 - 120
2-Nitroaniline	20.0	19.1		ug/L		96	51 - 125
2-Nitrophenol	20.0	15.6		ug/L		78	45 - 167
3/4-Methylphenol	40.0	31.9		ug/L		80	29 - 120
3-Nitroaniline	20.0	19.0		ug/L		95	62 - 129

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

Lab Sample ID: LCS 570-636448/2-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 636448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	20.0	20.0		ug/L		100	53 - 130
4-Bromophenyl phenyl ether	20.0	16.7		ug/L		83	65 - 120
4-Chloro-3-methylphenol	20.0	15.7		ug/L		79	41 - 128
4-Chloroaniline	20.0	10.1	*-	ug/L		50	51 - 120
4-Chlorophenyl phenyl ether	20.0	18.0		ug/L		90	38 - 145
4-Nitroaniline	20.0	17.3		ug/L		86	64 - 129
4-Nitrophenol	20.0	9.32		ug/L		47	13 - 129
Acenaphthene	20.0	17.7		ug/L		89	60 - 132
Acenaphthylene	20.0	17.9		ug/L		90	54 - 126
Aniline	20.0	3.55	*-	ug/L		18	52 - 121
Anthracene	20.0	17.6		ug/L		88	43 - 120
Benzidine	20.0	<0.94	*-	ug/L		0.8	20 - 164
Benzo[a]anthracene	20.0	17.8		ug/L		89	42 - 133
Benzo[a]pyrene	20.0	18.3		ug/L		91	32 - 148
Benzo[b]fluoranthene	20.0	18.0		ug/L		90	42 - 140
Benzo[g,h,i]perylene	20.0	17.5		ug/L		87	1 - 195
Benzo[k]fluoranthene	20.0	18.0		ug/L		90	25 - 146
Benzoic acid	20.0	9.63	J	ug/L		48	20 - 120
Benzyl alcohol	20.0	16.4		ug/L		82	44 - 122
Bis(2-chloroethoxy)methane	20.0	15.8		ug/L		79	49 - 165
Bis(2-chloroethyl)ether	20.0	19.0		ug/L		95	43 - 126
bis (2-Chloroisopropyl) ether	20.0	19.8		ug/L		99	63 - 139
Chrysene	20.0	18.1		ug/L		90	44 - 140
Dibenz(a,h)anthracene	20.0	18.3		ug/L		91	1 - 200
Dibenzofuran	20.0	18.0		ug/L		90	48 - 120
Fluoranthene	20.0	18.5		ug/L		93	43 - 121
Fluorene	20.0	18.1		ug/L		90	70 - 120
Hexachloroethane	20.0	17.1		ug/L		85	55 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.7		ug/L		89	1 - 151
Naphthalene	20.0	14.5		ug/L		73	36 - 120
Nitrobenzene	20.0	15.9		ug/L		79	54 - 158
N-Nitrosodi-n-propylamine	20.0	18.0		ug/L		90	14 - 198
N-Nitrosodiphenylamine	20.0	19.9		ug/L		100	65 - 133
Pentachlorophenol	20.0	18.4		ug/L		92	38 - 152
Phenanthrene	20.0	17.7		ug/L		89	65 - 120
Phenol	20.0	9.24		ug/L		46	17 - 120
Pyrene	20.0	18.7		ug/L		94	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*
2-Fluorobiphenyl (Surr)	*89*		*31 - 120*
2-Fluorophenol (Surr)	*66*		*17 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d6 (Surr)	*44*		*10 - 120*
p-Terphenyl-d14 (Surr)	*93*		*45 - 120*

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

Lab Sample ID: LCSD 570-636448/3-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 636448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	2.52	*- *1	ug/L		13	47 - 120	143	20
2,4,5-Trichlorophenol			20.0	2.24	J *- *1	ug/L		11	57 - 120	160	20
2,4,6-Trichlorophenol			20.0	2.51	*- *1	ug/L		13	52 - 129	153	35
2,4-Dichlorophenol			20.0	2.54	*- *1	ug/L		13	53 - 122	145	30
2,4-Dinitrophenol			20.0	<2.6	*- *1	ug/L		0	1 - 173	200	79
2,6-Dichlorophenol			20.0	2.61	J *- *1	ug/L		13	50 - 120	143	20
2-Chloronaphthalene			20.0	2.58	*- *1	ug/L		13	65 - 120	151	15
2-Chlorophenol			20.0	2.56	*- *1	ug/L		13	36 - 120	152	37
2-Methylnaphthalene			20.0	2.49	*- *1	ug/L		12	43 - 120	143	20
2-Methylphenol			20.0	2.47	*- *1	ug/L		12	46 - 120	150	20
2-Nitroaniline			20.0	2.38	J *- *1	ug/L		12	51 - 125	156	20
2-Nitrophenol			20.0	2.61	J *- *1	ug/L		13	45 - 167	143	33
3/4-Methylphenol			40.0	4.31	*- *1	ug/L		11	29 - 120	152	20
3-Nitroaniline			20.0	1.71	J *- *1	ug/L		9	62 - 129	167	20
4,6-Dinitro-2-methylphenol			20.0	3.71	J *- *1	ug/L		19	53 - 130	138	122
4-Bromophenyl phenyl ether			20.0	2.47	*- *1	ug/L		12	65 - 120	148	26
4-Chloro-3-methylphenol			20.0	2.37	*- *1	ug/L		12	41 - 128	148	44
4-Chloroaniline			20.0	1.15	J *- *1	ug/L		6	51 - 120	159	20
4-Chlorophenyl phenyl ether			20.0	2.62	*- *1	ug/L		13	38 - 145	149	36
4-Nitroaniline			20.0	1.02	J *- *1	ug/L		5	64 - 129	178	20
4-Nitrophenol			20.0	<0.79	*- *1	ug/L		0	13 - 129	200	79
Acenaphthene			20.0	2.58	*- *1	ug/L		13	60 - 132	149	29
Acenaphthylene			20.0	2.62	*- *1	ug/L		13	54 - 126	149	45
Aniline			20.0	0.204	*- *1	ug/L		1	52 - 121	178	21
Anthracene			20.0	2.84	*- *1	ug/L		14	43 - 120	145	40
Benzidine			20.0	<0.94	*- *1	ug/L		0	20 - 164	200	30
Benzo[a]anthracene			20.0	2.50	*- *1	ug/L		12	42 - 133	151	32
Benzo[a]pyrene			20.0	2.62	*- *1	ug/L		13	32 - 148	150	43
Benzo[b]fluoranthene			20.0	2.41	*- *1	ug/L		12	42 - 140	153	43
Benzo[g,h,i]perylene			20.0	2.42	*1	ug/L		12	1 - 195	151	61
Benzo[k]fluoranthene			20.0	2.70	*- *1	ug/L		13	25 - 146	148	38
Benzoic acid			20.0	<3.9	*- *1	ug/L		0	20 - 120	200	30
Benzyl alcohol			20.0	1.90	*- *1	ug/L		9	44 - 122	159	20
Bis(2-chloroethoxy)methane			20.0	2.77	*- *1	ug/L		14	49 - 165	140	32
Bis(2-chloroethyl)ether			20.0	2.61	*- *1	ug/L		13	43 - 126	152	65
bis (2-Chloroisopropyl) ether			20.0	2.90	*- *1	ug/L		15	63 - 139	149	46
Chrysene			20.0	2.77	*- *1	ug/L		14	44 - 140	147	53
Dibenz(a,h)anthracene			20.0	2.42	*1	ug/L		12	1 - 200	153	75
Dibenzofuran			20.0	2.55	*- *1	ug/L		13	48 - 120	150	20
Fluoranthene			20.0	2.75	*- *1	ug/L		14	43 - 121	148	40
Fluorene			20.0	2.64	*- *1	ug/L		13	70 - 120	149	23
Hexachloroethane			20.0	2.48	*- *1	ug/L		12	55 - 120	149	32
Indeno[1,2,3-cd]pyrene			20.0	2.23	*1	ug/L		11	1 - 151	155	60
Naphthalene			20.0	2.52	*- *1	ug/L		13	36 - 120	141	39
Nitrobenzene			20.0	2.73	*- *1	ug/L		14	54 - 158	141	37
N-Nitrosodi-n-propylamine			20.0	2.76	*1	ug/L		14	14 - 198	147	52
N-Nitrosodiphenylamine			20.0	2.96	*- *1	ug/L		15	65 - 133	148	20
Pentachlorophenol			20.0	2.20	*- *1	ug/L		11	38 - 152	157	52

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

Lab Sample ID: LCSD 570-636448/3-A
Matrix: Water
Analysis Batch: 639157

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 636448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	2.57	*- *1	ug/L		13	65 - 120	149	24
Phenol			20.0	1.22	*- *1	ug/L		6	17 - 120	153	39
Pyrene			20.0	2.80	*- *1	ug/L		14	70 - 120	148	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*13*	*S1-*	*28 - 127*
2-Fluorobiphenyl (Surr)	*13*	*S1-*	*31 - 120*
2-Fluorophenol (Surr)	*8*	*S1-*	*17 - 120*
Nitrobenzene-d5 (Surr)	*13*	*S1-*	*27 - 120*
Phenol-d6 (Surr)	*6*	*S1-*	*10 - 120*
p-Terphenyl-d14 (Surr)	*13*	*S1-*	*45 - 120*

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

Lab Sample ID: MB 570-636604/6
Matrix: Water
Analysis Batch: 636604

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			10/07/25 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*		*10/07/25 11:35*	*1*

Lab Sample ID: LCS 570-636604/4
Matrix: Water
Analysis Batch: 636604

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	414		ug/L		103	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: LCSD 570-636604/5
Matrix: Water
Analysis Batch: 636604

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	407		ug/L		102	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*38 - 134*

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

Lab Sample ID: MRL 570-636604/3
Matrix: Water
Analysis Batch: 636604

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	8.80	J	ug/L		88	50 - 150		

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

Lab Sample ID: 380-173600-B-1 MS
Matrix: Water
Analysis Batch: 636604

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	390		ug/L		97	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: 380-173600-B-1 MSD
Matrix: Water
Analysis Batch: 636604

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	389		ug/L		97	68 - 122	0	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*

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

Lab Sample ID: MBL 380-177809/4-A
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177809

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0040		0.020		ug/L		10/03/25 15:21	10/03/25 18:53	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.010		ug/L		10/03/25 15:21	10/03/25 18:53	1
1,2-Dibromoethane	<0.0040		0.010		ug/L		10/03/25 15:21	10/03/25 18:53	1

Surrogate	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*94*		*60 - 140*	*10/03/25 15:21*	*10/03/25 18:53*	*1*

Lab Sample ID: LCS 380-177809/29-A
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177809

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.200	0.217		ug/L		109	70 - 130		

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

Lab Sample ID: LCS 380-177809/29-A
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dibromo-3-Chloropropane	0.200	0.200		ug/L		100	70 - 130
1,2-Dibromoethane	0.200	0.204		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*100*		*60 - 140*

Lab Sample ID: MRL 380-177809/2-A
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177809

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0200	0.0224		ug/L		112	60 - 140

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*96*		*60 - 140*

Lab Sample ID: MRL 380-177809/3-A
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177809

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0507		ug/L		101	60 - 140
1,2-Dibromo-3-Chloropropane	0.0100	0.00980	J	ug/L		98	60 - 140
1,2-Dibromoethane	0.0100	0.0106		ug/L		106	60 - 140

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*91*		*60 - 140*

Lab Sample ID: 380-173719-BJ-1-A MS
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	<0.020		1.25	1.25		ug/L		100	65 - 135
1,2-Dibromo-3-Chloropropane	<0.010		0.251	0.253		ug/L		101	65 - 135
1,2-Dibromoethane	<0.010		0.251	0.243		ug/L		97	65 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*102*		*60 - 140*

Lab Sample ID: 380-173871-BO-1-A DU
Matrix: Water
Analysis Batch: 177937

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 177809

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2,3-Trichloropropane	<0.020		<0.019		ug/L		NC	20
1,2-Dibromo-3-Chloropropane	<0.0099		<0.0097		ug/L		NC	20
1,2-Dibromoethane	<0.0099		<0.0097		ug/L		NC	20

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

Surrogate	DU %Recovery	DU Qualifier	Limits
1,2-Dibromopropane (Surr)	102		60 - 140

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Lab Sample ID: MB 380-177969/32-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 177969

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.50		0.50		ug/L		10/06/25 12:58	10/07/25 00:50	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1016	<0.070		0.070		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1221	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1232	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1242	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1248	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1254	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1
PCB-1260	<0.070		0.070		ug/L		10/06/25 12:58	10/07/25 00:50	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		10/06/25 12:58	10/07/25 00:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		70 - 130	10/06/25 12:58	10/07/25 00:50	1

Lab Sample ID: LCS 380-177969/16-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.500	0.492		ug/L		98	70 - 130		

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

Lab Sample ID: LCS 380-177969/24-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1221			0.500	0.548		ug/L		110	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	111		70 - 130

Lab Sample ID: LCS 380-177969/57-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			2.50	2.61		ug/L		105	70 - 130		

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

Lab Sample ID: LCS 380-177969/57-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

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

Lab Sample ID: LCS 380-177969/59-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.500	0.484		ug/L		97	70 - 130		

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

Lab Sample ID: LCS 380-177969/60-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1221			0.500	0.481		ug/L		96	70 - 130		

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

Lab Sample ID: LCS 380-177969/8-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			2.50	2.56		ug/L		102	70 - 130		

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

Lab Sample ID: LCSD 380-177969/58-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toxaphene			2.50	2.68		ug/L		107	70 - 130	2	20

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

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

Lab Sample ID: MRL 380-177969/30-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			0.500	0.543		ug/L		109	50 - 150		

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

Lab Sample ID: MRL 380-177969/31-A
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 177969

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.100	0.0952	J	ug/L		95	50 - 150		

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

Lab Sample ID: 380-174568-F-1-A MS
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.50		2.49	2.44		ug/L		98	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*96*		*70 - 130*

Lab Sample ID: 380-174568-G-1-A MS
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)	<0.10		0.501	0.508		ug/L		101	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*105*		*70 - 130*

Lab Sample ID: 380-174708-E-1-A MS
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.51		2.53	2.59		ug/L		102	65 - 135		

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

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

Lab Sample ID: 380-174708-F-1-A MS
Matrix: Water
Analysis Batch: 178184

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 177969

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlordane (n.o.s.)	<0.10		0.510	0.507		ug/L		99	65 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*110*		*70 - 130*

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

Lab Sample ID: MB 570-636670/1-A
Matrix: Water
Analysis Batch: 639324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 636670

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		10/07/25 09:55	10/13/25 02:39	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/07/25 09:55	10/13/25 02:39	1
C8-C18	<25		25		ug/L		10/07/25 09:55	10/13/25 02:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*60 - 130*	*10/07/25 09:55*	*10/13/25 02:39*	*1*

Lab Sample ID: LCS 570-636670/2-A
Matrix: Water
Analysis Batch: 639324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 636670

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			1600	1680		ug/L		105	56 - 127

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

Lab Sample ID: LCSD 570-636670/3-A
Matrix: Water
Analysis Batch: 639324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 636670

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1920		ug/L		120	56 - 127	13	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*102*		*60 - 130*

Lab Sample ID: MRL 570-636670/4-A
Matrix: Water
Analysis Batch: 639324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 636670

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			0.0200	0.0296		mg/L		148	50 - 150

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

Lab Sample ID: MRL 570-636670/4-A
Matrix: Water
Analysis Batch: 639324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 636670

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

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

Lab Sample ID: MB 570-637626/3
Matrix: Water
Analysis Batch: 637626

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			10/08/25 20:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*86*		*54 - 120*		*10/08/25 20:21*	*1*

Lab Sample ID: LCS 570-637626/5
Matrix: Water
Analysis Batch: 637626

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ethanol			2.00	1.87		mg/L		94	78 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*91*		*54 - 120*

Lab Sample ID: LCSD 570-637626/6
Matrix: Water
Analysis Batch: 637626

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	1.90		mg/L		95	78 - 131	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*83*		*54 - 120*

Lab Sample ID: MRL 570-637626/4
Matrix: Water
Analysis Batch: 637626

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	0.101		mg/L		101	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*102*		*54 - 120*

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

Lab Sample ID: 570-249246-A-1 MS
Matrix: Water
Analysis Batch: 637626

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	2.29		mg/L		114	20 - 173

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*87*		*54 - 120*

Lab Sample ID: 570-249246-A-1 MSD
Matrix: Water
Analysis Batch: 637626

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	2.07		mg/L		104	20 - 173	6	21

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Hexafluoro-2-propanol (Surr)	*92*	*p*	*54 - 120*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-177602/40
Matrix: Water
Analysis Batch: 177602

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.050		0.050		mg/L			10/02/25 20:47	1
Nitrite as N	<0.050		0.050		mg/L			10/02/25 20:47	1

Lab Sample ID: LCS 380-177602/42
Matrix: Water
Analysis Batch: 177602

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			2.50	2.53		mg/L		101	90 - 110
Nitrite as N			1.00	1.04		mg/L		104	90 - 110

Lab Sample ID: LCSD 380-177602/43
Matrix: Water
Analysis Batch: 177602

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			2.50	2.54		mg/L		101	90 - 110	0	20
Nitrite as N			1.00	1.04		mg/L		104	90 - 110	0	20

Lab Sample ID: MRL 380-177602/46
Matrix: Water
Analysis Batch: 177602

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N			0.0500	0.0487	J	mg/L		97	50 - 150
Nitrite as N			0.0500	0.0535		mg/L		107	50 - 150

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 380-174496-C-6 MS
Matrix: Water
Analysis Batch: 177602

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
Nitrate as N	<0.050		1.25	1.31		mg/L		105	80 - 120
Nitrite as N	<0.050		0.500	0.551		mg/L		110	80 - 120

Lab Sample ID: 380-174496-C-6 MSD
Matrix: Water
Analysis Batch: 177602

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
Nitrate as N	<0.050		1.25	1.26		mg/L		101	80 - 120	4	20
Nitrite as N	<0.050		0.500	0.540		mg/L		108	80 - 120	2	20

Lab Sample ID: MB 380-177603/40
Matrix: Water
Analysis Batch: 177603

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			10/02/25 20:47	1
Sulfate	<0.25		0.25		mg/L			10/02/25 20:47	1

Lab Sample ID: LCS 380-177603/42
Matrix: Water
Analysis Batch: 177603

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	24.8		mg/L		99	90 - 110
Sulfate	50.0	50.5		mg/L		101	90 - 110

Lab Sample ID: LCSD 380-177603/43
Matrix: Water
Analysis Batch: 177603

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	24.8		mg/L		99	90 - 110	0	20
Sulfate	50.0	50.8		mg/L		102	90 - 110	1	20

Lab Sample ID: MRL 380-177603/46
Matrix: Water
Analysis Batch: 177603

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	0.447	J	mg/L		89	50 - 150
Sulfate	0.250	0.270		mg/L		108	50 - 150

Lab Sample ID: 380-174496-C-6 MS
Matrix: Water
Analysis Batch: 177603

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	<0.50		12.5	12.5		mg/L		100	80 - 120
Sulfate	<0.25		25.0	26.3		mg/L		105	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 380-174496-C-6 MSD
Matrix: Water
Analysis Batch: 177603

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	<0.50		12.5	12.1		mg/L		97	80 - 120	3	20
Sulfate	<0.25		25.0	25.6		mg/L		102	80 - 120	3	20

Lab Sample ID: MB 380-177853/4
Matrix: Water
Analysis Batch: 177853

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.050		0.050		mg/L			10/03/25 10:19	1
Nitrite as N	<0.050		0.050		mg/L			10/03/25 10:19	1

Lab Sample ID: LCS 380-177853/6
Matrix: Water
Analysis Batch: 177853

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			2.50	2.58		mg/L		103	90 - 110		
Nitrite as N			1.00	1.03		mg/L		103	90 - 110		

Lab Sample ID: LCSD 380-177853/7
Matrix: Water
Analysis Batch: 177853

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N			2.50	2.58		mg/L		103	90 - 110	0	20
Nitrite as N			1.00	1.03		mg/L		103	90 - 110	0	20

Lab Sample ID: MRL 380-177853/5
Matrix: Water
Analysis Batch: 177853

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrate as N			0.0500	0.0483	J	mg/L		97	50 - 150		
Nitrite as N			0.0500	0.0557		mg/L		111	50 - 150		

Lab Sample ID: 380-174500-A-2 MS
Matrix: Water
Analysis Batch: 177853

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		
Nitrate as N	1.2		6.25	7.12		mg/L		94	80 - 120		
Nitrite as N	<0.25		2.50	2.16		mg/L		86	80 - 120		

Lab Sample ID: 380-174500-A-2 MSD
Matrix: Water
Analysis Batch: 177853

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
Nitrate as N	1.2		6.25	7.11		mg/L		94	80 - 120	0	20
Nitrite as N	<0.25		2.50	2.15		mg/L		86	80 - 120	0	20

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-177854/4
Matrix: Water
Analysis Batch: 177854

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			10/03/25 10:19	1
Sulfate	<0.25		0.25		mg/L			10/03/25 10:19	1

Lab Sample ID: LCS 380-177854/6
Matrix: Water
Analysis Batch: 177854

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	25.1		mg/L		100	90 - 110		
Sulfate			50.0	51.1		mg/L		102	90 - 110		

Lab Sample ID: LCSD 380-177854/7
Matrix: Water
Analysis Batch: 177854

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	25.1		mg/L		100	90 - 110	0	20
Sulfate			50.0	51.2		mg/L		102	90 - 110	0	20

Lab Sample ID: MRL 380-177854/5
Matrix: Water
Analysis Batch: 177854

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			0.250	0.262		mg/L		105	50 - 150		

Lab Sample ID: 380-174500-A-2 MS
Matrix: Water
Analysis Batch: 177854

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	320	E	62.5	358	E 4	mg/L		60	80 - 120		
Sulfate	130		125	257		mg/L		105	80 - 120		

Lab Sample ID: 380-174500-A-2 MSD
Matrix: Water
Analysis Batch: 177854

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	320	E	62.5	357	E 4	mg/L		58	80 - 120	0	20
Sulfate	130		125	256		mg/L		104	80 - 120	0	20

Lab Sample ID: MB 380-177913/6
Matrix: Water
Analysis Batch: 177913

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			10/03/25 17:16	1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 380-177913/7
Matrix: Water
Analysis Batch: 177913

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide			100	97.8		ug/L		98	90 - 110		

Lab Sample ID: LCSD 380-177913/8
Matrix: Water
Analysis Batch: 177913

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	97.8		ug/L		98	90 - 110	0	10

Lab Sample ID: MRL 380-177913/5
Matrix: Water
Analysis Batch: 177913

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	5.02		ug/L		100	75 - 125		

Lab Sample ID: 380-173871-BH-1 MS
Matrix: Water
Analysis Batch: 177913

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	50.3		ug/L		101	80 - 120		

Lab Sample ID: 380-173871-BH-1 MSD
Matrix: Water
Analysis Batch: 177913

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	50.9		ug/L		102	80 - 120	1	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MBL 380-177975/149
Matrix: Water
Analysis Batch: 177975

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			10/03/25 15:46	1
Magnesium	<0.0099		0.10		mg/L			10/03/25 15:46	1
Potassium	<0.044		0.10		mg/L			10/03/25 15:46	1
Sodium	<0.019		0.10		mg/L			10/03/25 15:46	1

Lab Sample ID: LCS 380-177975/151
Matrix: Water
Analysis Batch: 177975

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	50.7		mg/L		101	85 - 115		
Magnesium			20.0	20.8		mg/L		104	85 - 115		
Potassium			20.0	20.4		mg/L		102	85 - 115		

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

Lab Sample ID: LCS 380-177975/151
Matrix: Water
Analysis Batch: 177975

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	50.8		mg/L		102	85 - 115		

Lab Sample ID: LCSD 380-177975/152
Matrix: Water
Analysis Batch: 177975

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	50.4		mg/L		101	85 - 115	0	20
Magnesium			20.0	20.7		mg/L		103	85 - 115	0	20
Potassium			20.0	20.3		mg/L		101	85 - 115	0	20
Sodium			50.0	50.7		mg/L		101	85 - 115	0	20

Lab Sample ID: LLCS 380-177975/150
Matrix: Water
Analysis Batch: 177975

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	0.0981	J	mg/L		98	50 - 150		
Magnesium			0.100	0.106		mg/L		106	50 - 150		
Potassium			0.100	0.100		mg/L		100	50 - 150		
Sodium			0.100	0.108		mg/L		108	50 - 150		

Lab Sample ID: 380-174491-A-3 MS
Matrix: Water
Analysis Batch: 177975

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	7.8		50.0	61.2		mg/L		107	70 - 130		
Magnesium	1.4		20.0	23.4		mg/L		110	70 - 130		
Potassium	0.63		20.0	22.2		mg/L		108	70 - 130		
Sodium	11		50.0	65.0		mg/L		107	70 - 130		

Lab Sample ID: 380-174491-A-3 MSD
Matrix: Water
Analysis Batch: 177975

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	7.8		50.0	57.4		mg/L		99	70 - 130	6	20
Magnesium	1.4		20.0	21.9		mg/L		103	70 - 130	6	20
Potassium	0.63		20.0	20.7		mg/L		100	70 - 130	7	20
Sodium	11		50.0	60.8		mg/L		99	70 - 130	7	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-177970/49
Matrix: Water
Analysis Batch: 177970

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			10/03/25 13:42	1

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

Lab Sample ID: MBL 380-177970/49
Matrix: Water
Analysis Batch: 177970

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

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.25		1.0		ug/L			10/03/25 13:42	1
Beryllium	<0.12		0.30		ug/L			10/03/25 13:42	1
Cadmium	<0.081		0.50		ug/L			10/03/25 13:42	1
Chromium	<0.33		0.90		ug/L			10/03/25 13:42	1
Copper	<0.28		1.0		ug/L			10/03/25 13:42	1
Lead	<0.084		0.50		ug/L			10/03/25 13:42	1
Nickel	<0.38		1.0		ug/L			10/03/25 13:42	1
Selenium	<0.25		2.0		ug/L			10/03/25 13:42	1
Silver	<0.30		0.50		ug/L			10/03/25 13:42	1
Thallium	<0.10		0.30		ug/L			10/03/25 13:42	1
Zinc	<1.3		5.0		ug/L			10/03/25 13:42	1

Lab Sample ID: LCS 380-177970/51
Matrix: Water
Analysis Batch: 177970

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	49.7		ug/L		99	85 - 115		
Arsenic			50.0	49.8		ug/L		100	85 - 115		
Beryllium			50.0	50.5		ug/L		101	85 - 115		
Cadmium			50.0	50.5		ug/L		101	85 - 115		
Chromium			50.0	49.6		ug/L		99	85 - 115		
Copper			50.0	50.6		ug/L		101	85 - 115		
Lead			50.0	51.0		ug/L		102	85 - 115		
Nickel			50.0	49.7		ug/L		99	85 - 115		
Selenium			50.0	50.4		ug/L		101	85 - 115		
Silver			50.0	50.8		ug/L		102	85 - 115		
Thallium			50.0	50.8		ug/L		102	85 - 115		
Zinc			50.0	49.2		ug/L		98	85 - 115		

Lab Sample ID: LCSD 380-177970/52
Matrix: Water
Analysis Batch: 177970

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	49.9		ug/L		100	85 - 115	0	20
Arsenic			50.0	50.3		ug/L		101	85 - 115	1	20
Beryllium			50.0	51.0		ug/L		102	85 - 115	1	20
Cadmium			50.0	50.3		ug/L		101	85 - 115	0	20
Chromium			50.0	49.7		ug/L		99	85 - 115	0	20
Copper			50.0	51.0		ug/L		102	85 - 115	1	20
Lead			50.0	51.1		ug/L		102	85 - 115	0	20
Nickel			50.0	50.1		ug/L		100	85 - 115	1	20
Selenium			50.0	51.3		ug/L		103	85 - 115	2	20
Silver			50.0	50.4		ug/L		101	85 - 115	1	20
Thallium			50.0	51.2		ug/L		102	85 - 115	1	20
Zinc			50.0	49.9		ug/L		100	85 - 115	1	20

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

Lab Sample ID: LLCS 380-177970/50
Matrix: Water
Analysis Batch: 177970

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	1.00		ug/L		100	50 - 150
Arsenic	1.00	1.09		ug/L		109	50 - 150
Beryllium	0.300	0.303		ug/L		101	50 - 150
Cadmium	0.500	0.521		ug/L		104	50 - 150
Chromium	0.900	0.909		ug/L		101	50 - 150
Copper	1.00	1.04		ug/L		104	50 - 150
Lead	0.500	0.518		ug/L		104	50 - 150
Nickel	1.00	1.06		ug/L		106	50 - 150
Selenium	2.00	2.13		ug/L		106	50 - 150
Silver	0.500	0.515		ug/L		103	50 - 150
Thallium	0.300	0.315		ug/L		105	50 - 150
Zinc	5.00	5.18		ug/L		104	50 - 150

Lab Sample ID: 380-174494-A-9 MS
Matrix: Water
Analysis Batch: 177970

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.0		50.0	50.4		ug/L		101	70 - 130
Arsenic	1.8		50.0	58.3		ug/L		113	70 - 130
Beryllium	<0.30		50.0	53.4		ug/L		107	70 - 130
Cadmium	<0.50		50.0	53.7		ug/L		107	70 - 130
Chromium	<0.90		50.0	49.6		ug/L		99	70 - 130
Copper	5.4		50.0	55.6		ug/L		100	70 - 130
Lead	<0.50		50.0	51.1		ug/L		102	70 - 130
Nickel	4.8		50.0	54.0		ug/L		98	70 - 130
Selenium	2.7	^2	50.0	66.1		ug/L		127	70 - 130
Silver	<0.50		50.0	48.7		ug/L		97	70 - 130
Thallium	<0.30		50.0	51.3		ug/L		102	70 - 130
Zinc	18		50.0	73.5		ug/L		111	70 - 130

Lab Sample ID: 380-174494-A-9 MSD
Matrix: Water
Analysis Batch: 177970

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.0		50.0	51.2		ug/L		102	70 - 130	2	20
Arsenic	1.8		50.0	58.9		ug/L		114	70 - 130	1	20
Beryllium	<0.30		50.0	53.6		ug/L		107	70 - 130	0	20
Cadmium	<0.50		50.0	54.1		ug/L		108	70 - 130	1	20
Chromium	<0.90		50.0	49.8		ug/L		100	70 - 130	0	20
Copper	5.4		50.0	55.8		ug/L		101	70 - 130	0	20
Lead	<0.50		50.0	51.2		ug/L		102	70 - 130	0	20
Nickel	4.8		50.0	54.0		ug/L		98	70 - 130	0	20
Selenium	2.7	^2	50.0	66.6		ug/L		128	70 - 130	1	20
Silver	<0.50		50.0	48.1		ug/L		96	70 - 130	1	20
Thallium	<0.30		50.0	51.4		ug/L		102	70 - 130	0	20
Zinc	18		50.0	73.9		ug/L		112	70 - 130	1	20

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

Lab Sample ID: MBL 380-178090/47
Matrix: Water
Analysis Batch: 178090

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			10/06/25 14:11	1
Arsenic	<0.25		1.0		ug/L			10/06/25 14:11	1
Beryllium	<0.12		0.30		ug/L			10/06/25 14:11	1
Cadmium	<0.081		0.50		ug/L			10/06/25 14:11	1
Chromium	<0.33		0.90		ug/L			10/06/25 14:11	1
Copper	<0.28		1.0		ug/L			10/06/25 14:11	1
Lead	<0.084		0.50		ug/L			10/06/25 14:11	1
Nickel	<0.38		1.0		ug/L			10/06/25 14:11	1
Selenium	<0.25		2.0		ug/L			10/06/25 14:11	1
Silver	<0.30		0.50		ug/L			10/06/25 14:11	1
Thallium	<0.10		0.30		ug/L			10/06/25 14:11	1
Zinc	<1.3		5.0		ug/L			10/06/25 14:11	1

Lab Sample ID: LCS 380-178090/49
Matrix: Water
Analysis Batch: 178090

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			50.0	50.1		ug/L		100	85 - 115		
Arsenic			50.0	51.0		ug/L		102	85 - 115		
Beryllium			50.0	48.2		ug/L		96	85 - 115		
Cadmium			50.0	50.9		ug/L		102	85 - 115		
Chromium			50.0	48.3		ug/L		97	85 - 115		
Copper			50.0	49.9		ug/L		100	85 - 115		
Lead			50.0	53.8		ug/L		108	85 - 115		
Nickel			50.0	48.6		ug/L		97	85 - 115		
Selenium			50.0	52.5		ug/L		105	85 - 115		
Silver			50.0	50.3		ug/L		101	85 - 115		
Thallium			50.0	53.2		ug/L		106	85 - 115		
Zinc			50.0	49.7		ug/L		99	85 - 115		

Lab Sample ID: LCSD 380-178090/50
Matrix: Water
Analysis Batch: 178090

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	50.3		ug/L		101	85 - 115	0	20
Arsenic			50.0	50.7		ug/L		101	85 - 115	1	20
Beryllium			50.0	48.2		ug/L		96	85 - 115	0	20
Cadmium			50.0	50.6		ug/L		101	85 - 115	1	20
Chromium			50.0	47.9		ug/L		96	85 - 115	1	20
Copper			50.0	49.7		ug/L		99	85 - 115	0	20
Lead			50.0	53.2		ug/L		106	85 - 115	1	20
Nickel			50.0	48.4		ug/L		97	85 - 115	0	20
Selenium			50.0	52.3		ug/L		105	85 - 115	0	20
Silver			50.0	50.4		ug/L		101	85 - 115	0	20
Thallium			50.0	52.6		ug/L		105	85 - 115	1	20
Zinc			50.0	51.8		ug/L		104	85 - 115	4	20

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

Lab Sample ID: LLCS 380-178090/48
Matrix: Water
Analysis Batch: 178090

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	1.01		ug/L		101	50 - 150
Arsenic	1.00	1.02		ug/L		102	50 - 150
Beryllium	0.300	0.294	J	ug/L		98	50 - 150
Cadmium	0.500	0.476	J	ug/L		95	50 - 150
Chromium	0.900	0.823	J	ug/L		91	50 - 150
Copper	1.00	1.01		ug/L		101	50 - 150
Lead	0.500	0.527		ug/L		105	50 - 150
Nickel	1.00	0.979	J	ug/L		98	50 - 150
Selenium	2.00	1.94	J	ug/L		97	50 - 150
Silver	0.500	0.517		ug/L		103	50 - 150
Thallium	0.300	0.313		ug/L		104	50 - 150
Zinc	5.00	5.12		ug/L		102	50 - 150

Lab Sample ID: 380-174662-A-1 MS
Matrix: Water
Analysis Batch: 178090

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	52.9		ug/L		106	70 - 130
Arsenic	1.3		50.0	62.0		ug/L		121	70 - 130
Beryllium	<0.30		50.0	41.8		ug/L		84	70 - 130
Cadmium	<0.50		50.0	52.3		ug/L		105	70 - 130
Chromium	1.6		50.0	51.7		ug/L		100	70 - 130
Copper	<1.0		50.0	47.3		ug/L		94	70 - 130
Lead	<0.50		50.0	49.1		ug/L		98	70 - 130
Nickel	7.3		50.0	54.2		ug/L		94	70 - 130
Selenium	4.4	F1	50.0	69.7	F1	ug/L		131	70 - 130
Silver	<0.50		50.0	43.1		ug/L		86	70 - 130
Thallium	<0.30		50.0	49.5		ug/L		99	70 - 130
Zinc	<5.0		50.0	50.5		ug/L		101	70 - 130

Lab Sample ID: 380-174662-A-1 MSD
Matrix: Water
Analysis Batch: 178090

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	54.5		ug/L		109	70 - 130	3	20
Arsenic	1.3		50.0	62.0		ug/L		121	70 - 130	0	20
Beryllium	<0.30		50.0	43.5		ug/L		87	70 - 130	4	20
Cadmium	<0.50		50.0	52.7		ug/L		105	70 - 130	1	20
Chromium	1.6		50.0	52.1		ug/L		101	70 - 130	1	20
Copper	<1.0		50.0	47.7		ug/L		94	70 - 130	1	20
Lead	<0.50		50.0	50.1		ug/L		100	70 - 130	2	20
Nickel	7.3		50.0	54.5		ug/L		94	70 - 130	1	20
Selenium	4.4	F1	50.0	69.7	F1	ug/L		131	70 - 130	0	20
Silver	<0.50		50.0	43.7		ug/L		87	70 - 130	1	20
Thallium	<0.30		50.0	50.4		ug/L		101	70 - 130	2	20
Zinc	<5.0		50.0	50.9		ug/L		102	70 - 130	1	20

Method: 200.8 - Mercury (ICP/MS)

Lab Sample ID: MBL 380-178091/47
Matrix: Water
Analysis Batch: 178091

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

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20		ug/L			10/06/25 14:11	1

Lab Sample ID: LCS 380-178091/49
Matrix: Water
Analysis Batch: 178091

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	1.05		ug/L		105	85 - 115		

Lab Sample ID: LCSD 380-178091/50
Matrix: Water
Analysis Batch: 178091

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
Mercury			1.00	1.05		ug/L		105	85 - 115	0	20

Lab Sample ID: LLCS 380-178091/48
Matrix: Water
Analysis Batch: 178091

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.200	0.211		ug/L		106	50 - 150		

Lab Sample ID: 380-174722-H-1 MS
Matrix: Water
Analysis Batch: 178091

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		
Mercury	<0.20		1.00	1.14		ug/L		114	70 - 130		

Lab Sample ID: 380-174722-H-1 MSD
Matrix: Water
Analysis Batch: 178091

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
Mercury	<0.20		1.00	1.14		ug/L		114	70 - 130	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 380-177989/1
Matrix: Water
Analysis Batch: 177989

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			10/03/25 16:09	1
Bicarbonate Alkalinity as CaCO3	<4.0		4.0		mg/L			10/03/25 16:09	1
Carbonate Alkalinity as CaCO3	<4.0		4.0		mg/L			10/03/25 16:09	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 380-177989/4
Matrix: Water
Analysis Batch: 177989

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	96.4		mg/L		96	90 - 110

Lab Sample ID: LCSD 380-177989/19
Matrix: Water
Analysis Batch: 177989

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	96.2		mg/L		96	90 - 110	0	20

Lab Sample ID: LLCS 380-177989/5
Matrix: Water
Analysis Batch: 177989

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	20.0	18.9		mg/L		95	90 - 110

Lab Sample ID: MRL 380-177989/3
Matrix: Water
Analysis Batch: 177989

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	3.46	J	mg/L		87	50 - 150

Lab Sample ID: 380-174393-CF-1 MS
Matrix: Water
Analysis Batch: 177989

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	87		100	182		mg/L		95	80 - 120

Lab Sample ID: 380-174393-CF-1 MSD
Matrix: Water
Analysis Batch: 177989

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	87		100	181		mg/L		95	80 - 120	0	20

Lab Sample ID: 380-174393-CF-1 DU
Matrix: Water
Analysis Batch: 177989

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	87		86.7		mg/L		0	20
Bicarbonate Alkalinity as CaCO3	87		86.7		mg/L		0	20
Carbonate Alkalinity as CaCO3	<4.0		<4.0		mg/L		NC	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 380-177995/3
Matrix: Water
Analysis Batch: 177995

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			10/03/25 16:09	1

Lab Sample ID: LCS 380-177995/5
Matrix: Water
Analysis Batch: 177995

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 380-177995/17
Matrix: Water
Analysis Batch: 177995

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	994		umhos/cm		99	90 - 110	1	10

Lab Sample ID: MRL 380-177995/4
Matrix: Water
Analysis Batch: 177995

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

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

Lab Sample ID: 380-174393-CF-1 DU
Matrix: Water
Analysis Batch: 177995

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Specific Conductance	250			248		umhos/cm				0.08	20

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

Lab Sample ID: MB 380-177829/1
Matrix: Water
Analysis Batch: 177829

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			10/03/25 12:58	1

Lab Sample ID: HLCS 380-177829/5
Matrix: Water
Analysis Batch: 177829

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	704		mg/L		101	80 - 114		

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

Lab Sample ID: LCS 380-177829/4
Matrix: Water
Analysis Batch: 177829

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	172		mg/L		98	80 - 114		

Lab Sample ID: MRL 380-177829/2
Matrix: Water
Analysis Batch: 177829

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 380-177829/3
Matrix: Water
Analysis Batch: 177829

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: 380-174497-1 DU
Matrix: Water
Analysis Batch: 177829

Client Sample ID: MOANALUA WELLS (331-223-TP202)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	290			296		mg/L				2	10

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 380-177994/40
Matrix: Water
Analysis Batch: 177994

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			10/03/25 19:30	1

Lab Sample ID: LCS 380-177994/42
Matrix: Water
Analysis Batch: 177994

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	1.00		mg/L		100	90 - 110		

Lab Sample ID: LCSD 380-177994/43
Matrix: Water
Analysis Batch: 177994

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	1.01		mg/L		101	90 - 110	0	10

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MRL 380-177994/41
Matrix: Water
Analysis Batch: 177994

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	0.0505		mg/L		101	50 - 150

Lab Sample ID: MRL 380-177994/7
Matrix: Water
Analysis Batch: 177994

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	0.0514		mg/L		103	50 - 150

Lab Sample ID: 380-174620-A-12 MS
Matrix: Water
Analysis Batch: 177994

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	0.31		1.00	1.29		mg/L		98	80 - 120

Lab Sample ID: 380-174620-A-12 MSD
Matrix: Water
Analysis Batch: 177994

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	0.31		1.00	1.31		mg/L		99	80 - 120	1	20

Method: SM 4500 H+ B - pH

Lab Sample ID: MB 380-177992/5
Matrix: Water
Analysis Batch: 177992

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	5.7				SU			10/03/25 16:09	1

Lab Sample ID: LCS 380-177992/6
Matrix: Water
Analysis Batch: 177992

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		101	98 - 102

Lab Sample ID: LCSD 380-177992/18
Matrix: Water
Analysis Batch: 177992

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		101	98 - 102	0	2

Method: SM 4500 H+ B - pH (Continued)

Lab Sample ID: 380-174393-CF-1 DU
Matrix: Water
Analysis Batch: 177992

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.0			8.0		SU				0.4	2

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 380-177858/3
Matrix: Water
Analysis Batch: 177858

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			10/03/25 15:33	1

Lab Sample ID: LCS 380-177858/5
Matrix: Water
Analysis Batch: 177858

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	0.260		mg/L		104	90 - 110		

Lab Sample ID: LCSD 380-177858/6
Matrix: Water
Analysis Batch: 177858

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	0.249		mg/L		100	90 - 110	4	20

Lab Sample ID: MRL 380-177858/4
Matrix: Water
Analysis Batch: 177858

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	0.0486	J	mg/L		97	50 - 150		

Lab Sample ID: 380-174497-2 MS
Matrix: Drinking Water
Analysis Batch: 177858

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
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	0.205		mg/L		82	80 - 120		

Lab Sample ID: 380-174497-2 MSD
Matrix: Drinking Water
Analysis Batch: 177858

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
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	0.195	F1	mg/L		78	80 - 120	5	20

GC/MS VOA

Analysis Batch: 177726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TPC	Total/NA	Water	524.2	
MB 380-177726/8	Method Blank	Total/NA	Water	524.2	
LCS 380-177726/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-177726/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-177726/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-177726/4	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 177727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	524.2	
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
MB 380-177727/8	Method Blank	Total/NA	Water	524.2	
LCS 380-177727/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-177727/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-177727/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-177727/4	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 178027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
MB 380-178027/15	Method Blank	Total/NA	Water	524.2	
LCS 380-178027/11	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-178027/12	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-178027/13	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-178027/14	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 178133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	524.2	
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TPC	Total/NA	Water	524.2	

Analysis Batch: 178175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-178175/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-178175/4	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 178240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	524.2	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	524.2	
MB 380-178240/5	Method Blank	Total/NA	Water	524.2	
LCS 380-178240/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-178240/4	Lab Control Sample Dup	Total/NA	Water	524.2	

GC/MS Semi VOA

Prep Batch: 177756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	525.2	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	
MB 380-177756/20-A	Method Blank	Total/NA	Water	525.2	
LCS 380-177756/22-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-177756/21-A	Lab Control Sample	Total/NA	Water	525.2	
380-174230-V-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-174329-K-2-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 177978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	525.2	177756
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	177756
MB 380-177756/20-A	Method Blank	Total/NA	Water	525.2	177756
LCS 380-177756/22-A	Lab Control Sample	Total/NA	Water	525.2	177756
MRL 380-177756/21-A	Lab Control Sample	Total/NA	Water	525.2	177756
380-174230-V-1-A MS	Matrix Spike	Total/NA	Water	525.2	177756
380-174329-K-2-A DU	Duplicate	Total/NA	Water	525.2	177756

Prep Batch: 636448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	625.1	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	625.1	
MB 570-636448/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-636448/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-636448/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 639157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	625.1 SIM	636448
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	625.1 SIM	636448
MB 570-636448/1-A	Method Blank	Total/NA	Water	625.1 SIM	636448
LCS 570-636448/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	636448
LCSD 570-636448/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	636448

Analysis Batch: 643083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	625.1	636448
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	625.1	636448
MB 570-636448/1-A	Method Blank	Total/NA	Water	625.1	636448

GC VOA

Analysis Batch: 636604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	8015B GRO LL	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	8015B GRO LL	
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	8015B GRO LL	
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TPC	Total/NA	Water	8015B GRO LL	
MB 570-636604/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-636604/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-636604/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 636604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 570-636604/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-173600-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-173600-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 177809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	504.1	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	504.1	
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	504.1	
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TPC	Total/NA	Water	504.1	
MBL 380-177809/4-A	Method Blank	Total/NA	Water	504.1	
LCS 380-177809/29-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-177809/2-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-177809/3-A	Lab Control Sample	Total/NA	Water	504.1	
380-173719-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	
380-173871-BO-1-A DU	Duplicate	Total/NA	Water	504.1	

Analysis Batch: 177937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	504.1	177809
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	504.1	177809
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Total/NA	Water	504.1	177809
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TPC	Total/NA	Water	504.1	177809
MBL 380-177809/4-A	Method Blank	Total/NA	Water	504.1	177809
LCS 380-177809/29-A	Lab Control Sample	Total/NA	Water	504.1	177809
MRL 380-177809/2-A	Lab Control Sample	Total/NA	Water	504.1	177809
MRL 380-177809/3-A	Lab Control Sample	Total/NA	Water	504.1	177809
380-173719-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	177809
380-173871-BO-1-A DU	Duplicate	Total/NA	Water	504.1	177809

Prep Batch: 177969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	505	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	505	
MB 380-177969/32-A	Method Blank	Total/NA	Water	505	
LCS 380-177969/16-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-177969/24-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-177969/57-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-177969/59-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-177969/60-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-177969/8-A	Lab Control Sample	Total/NA	Water	505	
LCSD 380-177969/58-A	Lab Control Sample Dup	Total/NA	Water	505	
MRL 380-177969/30-A	Lab Control Sample	Total/NA	Water	505	
MRL 380-177969/31-A	Lab Control Sample	Total/NA	Water	505	
380-174568-F-1-A MS	Matrix Spike	Total/NA	Water	505	
380-174568-G-1-A MS	Matrix Spike	Total/NA	Water	505	
380-174708-E-1-A MS	Matrix Spike	Total/NA	Water	505	
380-174708-F-1-A MS	Matrix Spike	Total/NA	Water	505	

GC Semi VOA

Analysis Batch: 178184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	505	177969
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	505	177969
MB 380-177969/32-A	Method Blank	Total/NA	Water	505	177969
LCS 380-177969/16-A	Lab Control Sample	Total/NA	Water	505	177969
LCS 380-177969/24-A	Lab Control Sample	Total/NA	Water	505	177969
LCS 380-177969/57-A	Lab Control Sample	Total/NA	Water	505	177969
LCS 380-177969/59-A	Lab Control Sample	Total/NA	Water	505	177969
LCS 380-177969/60-A	Lab Control Sample	Total/NA	Water	505	177969
LCS 380-177969/8-A	Lab Control Sample	Total/NA	Water	505	177969
LCSD 380-177969/58-A	Lab Control Sample Dup	Total/NA	Water	505	177969
MRL 380-177969/30-A	Lab Control Sample	Total/NA	Water	505	177969
MRL 380-177969/31-A	Lab Control Sample	Total/NA	Water	505	177969
380-174568-F-1-A MS	Matrix Spike	Total/NA	Water	505	177969
380-174568-G-1-A MS	Matrix Spike	Total/NA	Water	505	177969
380-174708-E-1-A MS	Matrix Spike	Total/NA	Water	505	177969
380-174708-F-1-A MS	Matrix Spike	Total/NA	Water	505	177969

Prep Batch: 636670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	3510C	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	3510C	
MB 570-636670/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-636670/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-636670/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-636670/4-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 637626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	8015B	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	8015B	
MB 570-637626/3	Method Blank	Total/NA	Water	8015B	
LCS 570-637626/5	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-637626/6	Lab Control Sample Dup	Total/NA	Water	8015B	
MRL 570-637626/4	Lab Control Sample	Total/NA	Water	8015B	
570-249246-A-1 MS	Matrix Spike	Total/NA	Water	8015B	
570-249246-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

Analysis Batch: 639324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	8015B	636670
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	8015B	636670
MB 570-636670/1-A	Method Blank	Total/NA	Water	8015B	636670
LCS 570-636670/2-A	Lab Control Sample	Total/NA	Water	8015B	636670
LCSD 570-636670/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	636670
MRL 570-636670/4-A	Lab Control Sample	Total/NA	Water	8015B	636670

HPLC/IC

Analysis Batch: 177602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 177602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	300.0	
MB 380-177602/40	Method Blank	Total/NA	Water	300.0	
LCS 380-177602/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-177602/43	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-177602/46	Lab Control Sample	Total/NA	Water	300.0	
380-174496-C-6 MS	Matrix Spike	Total/NA	Water	300.0	
380-174496-C-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 177603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	300.0	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	300.0	
MB 380-177603/40	Method Blank	Total/NA	Water	300.0	
LCS 380-177603/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-177603/43	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-177603/46	Lab Control Sample	Total/NA	Water	300.0	
380-174496-C-6 MS	Matrix Spike	Total/NA	Water	300.0	
380-174496-C-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 177853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 380-177853/4	Method Blank	Total/NA	Water	300.0	
LCS 380-177853/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-177853/7	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-177853/5	Lab Control Sample	Total/NA	Water	300.0	
380-174500-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
380-174500-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 177854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	300.0	
MB 380-177854/4	Method Blank	Total/NA	Water	300.0	
LCS 380-177854/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-177854/7	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-177854/5	Lab Control Sample	Total/NA	Water	300.0	
380-174500-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
380-174500-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 177913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	300.0	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	300.0	
MB 380-177913/6	Method Blank	Total/NA	Water	300.0	
LCS 380-177913/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-177913/8	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-177913/5	Lab Control Sample	Total/NA	Water	300.0	
380-173871-BH-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-173871-BH-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Analysis Batch: 177970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	200.8	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	200.8	
MBL 380-177970/49	Method Blank	Total/NA	Water	200.8	
LCS 380-177970/51	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-177970/52	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-177970/50	Lab Control Sample	Total/NA	Water	200.8	
380-174494-A-9 MS	Matrix Spike	Total/NA	Water	200.8	
380-174494-A-9 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 177975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	200.7 Rev 4.4	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	200.7 Rev 4.4	
MBL 380-177975/149	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 380-177975/151	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LCSD 380-177975/152	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-177975/150	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
380-174491-A-3 MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	
380-174491-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 178090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MBL 380-178090/47	Method Blank	Total/NA	Water	200.8	
LCS 380-178090/49	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-178090/50	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-178090/48	Lab Control Sample	Total/NA	Water	200.8	
380-174662-A-1 MS	Matrix Spike	Total/NA	Water	200.8	
380-174662-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 178091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	200.8	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	200.8	
MBL 380-178091/47	Method Blank	Total/NA	Water	200.8	
LCS 380-178091/49	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-178091/50	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-178091/48	Lab Control Sample	Total/NA	Water	200.8	
380-174722-H-1 MS	Matrix Spike	Total/NA	Water	200.8	
380-174722-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

General Chemistry

Analysis Batch: 177829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 2540C	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 2540C	
MB 380-177829/1	Method Blank	Total/NA	Water	SM 2540C	
HLCS 380-177829/5	Lab Control Sample	Total/NA	Water	SM 2540C	
LCS 380-177829/4	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-177829/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-177829/3	Lab Control Sample	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 177829 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1 DU	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 2540C	

Analysis Batch: 177858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 4500 S2 D	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 4500 S2 D	
MB 380-177858/3	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 380-177858/5	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
LCSD 380-177858/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 D	
MRL 380-177858/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
380-174497-2 MS	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 4500 S2 D	
380-174497-2 MSD	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 4500 S2 D	

Analysis Batch: 177989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 2320B	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 2320B	
MB 380-177989/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 380-177989/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 380-177989/19	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 380-177989/5	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 380-177989/3	Lab Control Sample	Total/NA	Water	SM 2320B	
380-174393-CF-1 MS	Matrix Spike	Total/NA	Water	SM 2320B	
380-174393-CF-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 2320B	
380-174393-CF-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 177992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 4500 H+ B	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 4500 H+ B	
MB 380-177992/5	Method Blank	Total/NA	Water	SM 4500 H+ B	
LCS 380-177992/6	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 380-177992/18	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
380-174393-CF-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 177994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 4500 F C	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 4500 F C	
MB 380-177994/40	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 380-177994/42	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCSD 380-177994/43	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	
MRL 380-177994/41	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MRL 380-177994/7	Lab Control Sample	Total/NA	Water	SM 4500 F C	
380-174620-A-12 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-174620-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 177995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-174497-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Water	SM 2510B	
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	SM 2510B	

General Chemistry (Continued)

Analysis Batch: 177995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 380-177995/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 380-177995/5	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 380-177995/17	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
MRL 380-177995/4	Lab Control Sample	Total/NA	Water	SM 2510B	
380-174393-CF-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Lab Chronicle

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-1

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	178133	BS7X	EA POM	10/03/25 13:42
Total/NA	Analysis	524.2		1	177727	N4CJ	EA POM	10/03/25 13:42
Total/NA	Analysis	524.2		1	178027	YNB8	EA POM	10/06/25 20:38
Total/NA	Analysis	524.2		1	178240	YNB8	EA POM	10/08/25 06:09
Total/NA	Prep	525.2			177756	X5FS	EA POM	10/03/25 09:45
Total/NA	Analysis	525.2		1	177978	UPAC	EA POM	10/06/25 14:15
Total/NA	Prep	625.1			636448	S4EA	EET CAL 4	10/07/25 05:00
Total/NA	Analysis	625.1		1	643083	PQS1	EET CAL 4	10/20/25 09:37
Total/NA	Prep	625.1			636448	S4EA	EET CAL 4	10/07/25 05:00
Total/NA	Analysis	625.1 SIM		1	639157	PQS1	EET CAL 4	10/12/25 10:02
Total/NA	Analysis	8015B GRO LL		1	636604	YD9V	EET CAL 4	10/07/25 14:49
Total/NA	Prep	504.1			177809	GVC6	EA POM	10/03/25 15:21 - 10/03/25 17:07 [1]
Total/NA	Analysis	504.1		1	177937	WE3W	EA POM	10/04/25 02:37
Total/NA	Prep	505			177969	DR5R	EA POM	10/06/25 12:58 - 10/06/25 14:28 [1]
Total/NA	Analysis	505		1	178184	DR5R	EA POM	10/07/25 02:37
Total/NA	Prep	3510C			636670	TVD6	EET CAL 4	10/07/25 09:55
Total/NA	Analysis	8015B		1	639324	NR	EET CAL 4	10/13/25 04:26
Total/NA	Analysis	8015B		1	637626	ZE2W	EET CAL 4	10/09/25 16:38
Total/NA	Analysis	300.0		5	177602	DXD4	EA POM	10/03/25 04:04
Total/NA	Analysis	300.0		5	177603	DXD4	EA POM	10/03/25 04:04
Total/NA	Analysis	300.0		1	177913	UNJR	EA POM	10/04/25 04:15
Total/NA	Analysis	200.7 Rev 4.4		1	177975	MF7S	EA POM	10/03/25 16:10
Total/NA	Analysis	200.8		1	177970	T8BB	EA POM	10/03/25 14:01
Total/NA	Analysis	200.8		1	178091	T8BB	EA POM	10/06/25 14:49
Total/NA	Analysis	SM 2320B		1	177989	PK4Q	EA POM	10/03/25 17:42
Total/NA	Analysis	SM 2510B		1	177995	PK4Q	EA POM	10/03/25 17:42
Total/NA	Analysis	SM 2540C		1	177829	UJRF	EA POM	10/03/25 12:58
Total/NA	Analysis	SM 4500 F C		1	177994	PK4Q	EA POM	10/03/25 20:00
Total/NA	Analysis	SM 4500 H+ B		1	177992	PK4Q	EA POM	10/03/25 17:42
Total/NA	Analysis	SM 4500 S2 D		1	177858	ZJ2C	EA POM	10/03/25 15:33

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Date Received: 10/02/25 10:06

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	178133	BS7X	EA POM	10/03/25 14:04
Total/NA	Analysis	524.2		1	177727	N4CJ	EA POM	10/03/25 14:04
Total/NA	Analysis	524.2		1	178240	YNB8	EA POM	10/08/25 05:46
Total/NA	Prep	525.2			177756	X5FS	EA POM	10/03/25 09:45
Total/NA	Analysis	525.2		1	177978	UPAC	EA POM	10/06/25 14:35

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-174497-2

Date Collected: 10/01/25 10:10
Date Received: 10/02/25 10:06

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625.1			636448	S4EA	EET CAL 4	10/07/25 05:00
Total/NA	Analysis	625.1		1	643083	PQS1	EET CAL 4	10/20/25 10:01
Total/NA	Prep	625.1			636448	S4EA	EET CAL 4	10/07/25 05:00
Total/NA	Analysis	625.1 SIM		1	639157	PQS1	EET CAL 4	10/12/25 10:23
Total/NA	Analysis	8015B GRO LL		1	636604	YD9V	EET CAL 4	10/07/25 15:09
Total/NA	Prep	504.1			177809	GVC6	EA POM	10/03/25 15:21 - 10/03/25 17:07 [1]
Total/NA	Analysis	504.1		1	177937	WE3W	EA POM	10/04/25 03:00
Total/NA	Prep	505			177969	DR5R	EA POM	10/06/25 12:58 - 10/06/25 14:28 [1]
Total/NA	Analysis	505		1	178184	DR5R	EA POM	10/07/25 02:59
Total/NA	Prep	3510C			636670	TVD6	EET CAL 4	10/07/25 09:55
Total/NA	Analysis	8015B		1	639324	NR	EET CAL 4	10/13/25 04:47
Total/NA	Analysis	8015B		1	637626	ZE2W	EET CAL 4	10/09/25 16:59
Total/NA	Analysis	300.0		2	177602	DXD4	EA POM	10/03/25 03:00
Total/NA	Analysis	300.0		2	177603	DXD4	EA POM	10/03/25 03:00
Total/NA	Analysis	300.0		5	177854	BG6L	EA POM	10/03/25 14:43
Total/NA	Analysis	300.0		5	177913	UNJR	EA POM	10/04/25 04:41
Total/NA	Analysis	200.7 Rev 4.4		1	177975	MF7S	EA POM	10/03/25 16:12
Total/NA	Analysis	200.8		1	177970	T8BB	EA POM	10/03/25 14:07
Total/NA	Analysis	200.8		1	178091	T8BB	EA POM	10/06/25 14:52
Total/NA	Analysis	SM 2320B		1	177989	PK4Q	EA POM	10/03/25 18:26
Total/NA	Analysis	SM 2510B		1	177995	PK4Q	EA POM	10/03/25 18:26
Total/NA	Analysis	SM 2540C		1	177829	UJRF	EA POM	10/03/25 12:58
Total/NA	Analysis	SM 4500 F C		1	177994	PK4Q	EA POM	10/03/25 20:14
Total/NA	Analysis	SM 4500 H+ B		1	177992	PK4Q	EA POM	10/03/25 18:26
Total/NA	Analysis	SM 4500 S2 D		1	177858	ZJ2C	EA POM	10/03/25 15:33

Client Sample ID: TB: MOANALUA WELLS (331-223-TP202)

Lab Sample ID: 380-174497-3

Date Collected: 10/01/25 09:28
Date Received: 10/02/25 10:06

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	178133	BS7X	EA POM	10/03/25 14:27
Total/NA	Analysis	524.2		1	177727	N4CJ	EA POM	10/03/25 14:27
Total/NA	Analysis	524.2		1	178027	YNB8	EA POM	10/06/25 20:16
Total/NA	Analysis	8015B GRO LL		1	636604	YD9V	EET CAL 4	10/07/25 19:26
Total/NA	Prep	504.1			177809	GVC6	EA POM	10/03/25 15:21 - 10/03/25 17:07 [1]
Total/NA	Analysis	504.1		1	177937	WE3W	EA POM	10/04/25 03:23

Lab Chronicle

Client: City & County of Honolulu
Job ID: 380-174497-1
Project/Site: RED-HILL
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Client Sample ID: TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)

Lab Sample ID: 380-174497-4

Date Collected: 10/01/25 10:10
Matrix: Water
Date Received: 10/02/25 10:06

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	177726	Q6AD	EA POM	10/03/25 18:06
Total/NA	Analysis	524.2		1	178133	BS7X	EA POM	10/03/25 18:06
Total/NA	Analysis	8015B GRO LL		1	636604	YD9V	EET CAL 4	10/07/25 19:46
Total/NA	Prep	504.1			177809	GVC6	EA POM	10/03/25 15:21 - 10/03/25 17:07 [1]
Total/NA	Analysis	504.1		1	177937	WE3W	EA POM	10/04/25 03:46

[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: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

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	01-31-26

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

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

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	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
525.2	525.2	Water	1-Methylnaphthalene
525.2	525.2	Water	2,4'-DDD
525.2	525.2	Water	2,4'-DDE
525.2	525.2	Water	2,4'-DDT
525.2	525.2	Water	2,4-Dinitrotoluene
525.2	525.2	Water	2,6-Dinitrotoluene
525.2	525.2	Water	2-Methylnaphthalene
525.2	525.2	Water	4,4'-DDD
525.2	525.2	Water	4,4'-DDE
525.2	525.2	Water	4,4'-DDT
525.2	525.2	Water	Acetochlor
525.2	525.2	Water	alpha-BHC
525.2	525.2	Water	alpha-Chlordane
525.2	525.2	Water	beta-BHC
525.2	525.2	Water	Chlorobenzilate
525.2	525.2	Water	Chloroneb
525.2	525.2	Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Water	Chlorpyrifos
525.2	525.2	Water	delta-BHC
525.2	525.2	Water	Diclorvos (DDVP)
525.2	525.2	Water	Endosulfan I (Alpha)
525.2	525.2	Water	Endosulfan II (Beta)
525.2	525.2	Water	Endosulfan sulfate
525.2	525.2	Water	Endrin aldehyde
525.2	525.2	Water	EPTC
525.2	525.2	Water	gamma-Chlordane
525.2	525.2	Water	Isophorone
525.2	525.2	Water	Malathion
525.2	525.2	Water	Parathion
525.2	525.2	Water	Pendimethalin (Penoxaline)
525.2	525.2	Water	Terbacil
525.2	525.2	Water	Terbuthylazine
525.2	525.2	Water	Total Permethrin (mixed isomers)
525.2	525.2	Water	trans-Nonachlor
SM 2320B		Drinking Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Drinking Water	Carbonate Alkalinity as CaCO3

Accreditation/Certification Summary

Client: City & County of Honolulu
Job ID: 380-174497-1
Project/Site: RED-HILL
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

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
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 4500 S2 D		Drinking Water	Sulfide
SM 4500 S2 D		Water	Sulfide

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-26
Arizona	State	AZ0830	11-16-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
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	10-11-26

Method Summary

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

Job ID: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethanes	EPA-DW	EA POM
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA POM
525.2	Semivolatile Organic Compounds (GC/MS)	EPA	EA POM
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET CAL 4
625.1 SIM	Semivolatile Organic Compounds GC/MS (SIM)	EPA	EET CAL 4
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	EET CAL 4
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW2	EA POM
505	Organochlorine Pesticides/PCBs (GC)	EPA	EA POM
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	EET CAL 4
300.0	Anions, Ion Chromatography	EPA	EA POM
200.7 Rev 4.4	Metals (ICP)	EPA	EA POM
200.8	Mercury (ICP/MS)	EPA	EA POM
200.8	Metals (ICP/MS)	EPA	EA POM
SM 2320B	Alkalinity	SM	EA POM
SM 2510B	Conductivity, Specific Conductance	SM	EA POM
SM 2540C	Solids, Total Dissolved (TDS)	SM	EA POM
SM 4500 F C	Fluoride	SM	EA POM
SM 4500 H+ B	pH	SM	EA POM
SM 4500 S2 D	Sulfide, Total	SM	EA POM
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: 380-174497-1
SDG: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-174497-1	MOANALUA WELLS (331-223-TP202)	Water	10/01/25 09:28	10/02/25 10:06	HI0000331
380-174497-2	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)	Drinking Water	10/01/25 10:10	10/02/25 10:06	HI0000331
380-174497-3	TB: MOANALUA WELLS (331-223-TP202)	Water	10/01/25 09:28	10/02/25 10:06	
380-174497-4	TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Water	10/01/25 10:10	10/02/25 10:06	

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 808-748-5840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: City & County of Honolulu	PWSID:			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 Tnzma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	504 1_PREC, 505_LL_PREC	2320B, 2510B, SM4500_H+	200 7, 200.8	2540C_Calcd - Total dissolved Solids (TDS)	SM4500_S2_D Sulfide, Total	5 24 2_Pres_PREC, 524 2_SIM_PREC	525.2_PREC 525plus PLUS TICs	300_OF_28D_B, 300_OF_28D_PREC, 300_OF_48H_PREC, 4500_F_C	245.1 - Local Method	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	8016B_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		
Moanalua Wells	1-Oct-2025	0928	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		(4) 5.8-0.2 = 5.6
Halawa Wells Units 1 & 2 P1	1-Oct-2025	1010	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		
																					(1) 6642 4061 6567
																					(2) 6644 4061 0465
																					(3) 6645 4061 6575
TB: Moanalua Wells	1-Oct-2025	0928										2				2					(4) 6646 4061 0954
TB Halawa Wells Units 1 & 2	1-Oct-2025	1010										2				2					

380-174497 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: KX
[redacted]	Date/Time: 01 October 2025 1400	Company: HBWS	Received by: KS
	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time:	Company
10/2/25 1006	EEAP
Date/Time:	Company: TCI (250A)

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

Cooler Temperature(s) °C and Other Remarks: (1) 5.0-0.2=4.8 / (2) 1.0-0.2=0.8 / (3) 7.4-0.2=7.2

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:	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); Other:
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#:			

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		
Moanalua Wells				Water					⊕ 5.8-0.2=5.6
Halawa Wells Units 1 & 2				Water					gel (750A)
TB. Moanalua Wells	1-Oct-2025	0928					2		
TB: Halawa Wells Units 1 & 2	1-Oct-2025	1010					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: FX

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
bailey	01 October 2025 1400	HBWS		10/2/25 1006	EEAP
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:
		⊕ 5.0-0.2=4.8/⊕ 1.0-0.2=0.8/⊕ 3.4-0.2=3.2

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 808-748-5840	E-Mail: Maria.Lopez@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 Tnzma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	504 1_PREC, 505_LL_PREC	2320B, 2510B, SM4500_H+	200 7, 200.8	2540C_Calcd - Total dissolved Solids (TDS)	SM4500_S2_D Sulfide, Total	5 24 2_Pres_PREC, 524 2_SIM_PREC	525.2_PREC 525plus PLUS TICs	300_OF_28D_B, 300_OF_28D_PREC, 300_OF_48H_PREC, 4500_F_C	245.1 - Local Method	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	8015B_DAI Ethanol	625.1, 625.1_SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	N	D	N	CB	HA	N	N	D	RA	Q	N	R		
Moanalua Wells	1-Oct-2025	0928	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		(4) 5.8-0.2 = 5.6
Halawa Wells Units 1 & 2 P1	1-Oct-2025	1010	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		
																					(1) 6642 4061 6567
																					(2) 6644 4061 0465
																					(3) 6645 4061 6575
TB: Moanalua Wells	1-Oct-2025	0928										2				2					(4) 6646 4061 0954
TB Halawa Wells Units 1 & 2	1-Oct-2025	1010										2				2					

380-174497 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: KX

	Date/Time:	Company	Received by:	Date/Time:	Company
[redacted]	01 October 2025 1400	HBWS		10/2/25 1006	EEAP
	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					TCI (750A)

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

Cooler Temperature(s) °C and Other Remarks: (1) 5.0-0.2=4.8 / (2) 1.0-0.2=0.8 / (3) 7.4-0.2=7.2

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:	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); Other:
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#:			

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		
Moanalua Wells				Water					⊕ 5.8-0.2=5.6
Halawa Wells Units 1 & 2				Water					gel (750A)
TB. Moanalua Wells	1-Oct-2025	0928					2		
TB: Halawa Wells Units 1 & 2	1-Oct-2025	1010					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: FX

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
bailey	01 October 2025 1400	HBWS	[illegible]	10/2/25 1006	EEAP
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:
		⊕ 5.0-0.2=4.8/⊕ 1.0-0.2=0.8/⊕ 3.4-0.2=3.2

Ver: 01/16/2019

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

Chain of Custody Record

eurofins

Loc: 380
174497

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-260275.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - Hawaii		Job #: 380-1744
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 10/15/2025			Preservati
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

380-174497 Chain of Custody

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAIEthanol	8015B_DRO_LL_CS/3510C_LL/NL Ranges: C10-C24/C24-C36/C8-C16	8015B_GRO_LL/5030C/(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MOANALUA WELLS (331-223-TP202) (380-174497-1)	10/1/25	09:28 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-174497-2)	10/1/25	10:10 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
TB: MOANALUA WELLS (331-223-TP202) (380-174497-3)	10/1/25	09:28 Hawaiian	G	Water					X			2	MRLs are needed.
TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-17449	10/1/25	10:10 Hawaiian	G	Water					X			2	MRLs are needed.

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
	10/3/25 1100			10/3/25 1100	
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:
		1.4/1.4 SCB

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

Chain of Custody Record

eurofins

Loc: 380
174497

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-260275.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - Hawaii		Job #: 380-1744
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 10/15/2025			Preservati
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

380-174497 Chain of Custody

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAIEthanol	8015B_DRO_LL_CS/3510C_LL/NL Ranges: C10-C24/C24-C36/C8-C16	8015B_GRO_LL/5030C/(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MOANALUA WELLS (331-223-TP202) (380-174497-1)	10/1/25	09:28 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-174497-2)	10/1/25	10:10 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
TB: MOANALUA WELLS (331-223-TP202) (380-174497-3)	10/1/25	09:28 Hawaiian	G	Water					X			2	MRLs are needed.
TB: HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-17449	10/1/25	10:10 Hawaiian	G	Water					X			2	MRLs are needed.

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
	10/3/25 1100			10/3/25 1100	
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:
		1.4/1.4 SCB

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-174497-1
SDG Number: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Login Number: 174497
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: 380-174497-1
SDG Number: Quarterly: Moanalua Wells, Halawa Wells Units 1&2 P1

Login Number: 174497
List Number: 2
Creator: Ferreira, Bruno

List Source: Eurofins Calscience
List Creation: 10/03/25 11:37 AM

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	Seal present with no number.
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	1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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	