eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

RED-HILL
Quarterly: Halawa Wells P1

JOB NUMBER

380-206177-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Job Notes

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

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

Compliance Statement

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

Authorization

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Definitions/Glossary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
^3-	Reporting Limit Check Standard is outside acceptance limits, low biased.
^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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

HPLC/IC

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

Metals

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

General Chemistry

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

Glossary

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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
380-206177-1

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

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

Receipt
The samples were received on 4/3/2026 10:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

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

GC/MS Semi VOA
Method 625.1 SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-719700 and analytical batch 570-722093 recovered outside control limits for the following analyte(s): Aniline and Benzidine. 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 570-719700 and analytical batch 570-722093 recovered outside control limits for the following analytes: Aniline. Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 625.1 SIM: The matrix spike/matrix spike duplicate (MS/MSD) for preparation batch 570-719700 and analytical batch 570-722093 exceeded control limits for the following analyte(s): Benzidine, Note that this analyte is a known poor performer when analyzed using this method.

Method 625.1 SIM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 570-719700 and analytical batch 570-722093 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-720612. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method: 8015B_LL_CS

Method 8015B: The method reporting limit check (MRL) for Prep Batch 720612 recovered outside control limits for the following analytes C10-C28 These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.
Method: 8015B_DRO_LL_CS

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

Job ID: 380-206177-1 (Continued) Eurofins Pomona

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

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

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

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

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

HPLC/IC
Method 300.0: The following sample was diluted for Nitrite as N to prevent detector saturation due to high conductivity: HALAWA WELLS P1 (331-023-WL065) (380-206177-1). Elevated reporting limits (RLs) are provided.

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

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

General Chemistry
Method SM 4500 S2 D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 380-218103 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: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065) — Lab Sample ID: 380-206177-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.038		0.0099		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.012		0.0099		ug/L	1		525.2	Total/NA
Chlordane (n.o.s.)	0.22		0.098		ug/L	1		505	Total/NA
Bromide	670		25		ug/L	5		300.0	Total/NA
Chloride	190		2.5		mg/L	5		300.0	Total/NA
Nitrate as N	1.6		0.25		mg/L	5		300.0	Total/NA
Sulfate	43		1.3		mg/L	5		300.0	Total/NA
Calcium	31		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	28		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	3.6		0.20		mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	68		0.10		mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	2.4		0.90		ug/L	1		200.8	Total/NA
Copper	1.1		1.0		ug/L	1		200.8	Total/NA
Selenium	2.4		2.0		ug/L	1		200.8	Total/NA
Zinc	17		5.0		ug/L	1		200.8	Total/NA
Alkalinity	66		2.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	66		2.0		mg/L	1		SM 2320B	Total/NA
Specific Conductance	820		2.0		umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	490		20		mg/L	1		SM 2540C	Total/NA
Fluoride	0.059		0.050		mg/L	1		SM 4500 F C	Total/NA
pH	7.7	HF			SU	1		SM 4500 H+ B	Total/NA

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065) — Lab Sample ID: 380-206177-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1
Matrix: Water
PWSID Number: HI0000331

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	<0.50		0.50		ug/L			04/04/26 17:46	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/08/26 00:01	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/04/26 17:46	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/04/26 17:46	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/04/26 17:46	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/04/26 17:46	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/04/26 17:46	1
Acetone	<500		500		ug/L			04/08/26 00:01	1
Benzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromobenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromochloromethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromodichloromethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromoethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromoform	<0.50		0.50		ug/L			04/04/26 17:46	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/04/26 17:46	1
Carbon disulfide	<0.50		0.50		ug/L			04/04/26 17:46	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/04/26 17:46	1
Chlorobenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Chloroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/04/26 17:46	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/04/26 17:46	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/04/26 17:46	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/04/26 17:46	1
Dibromomethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Dichloromethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Diisopropyl ether	<3.0		3.0		ug/L			04/04/26 17:46	1
Ethylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/04/26 17:46	1
Isopropylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
m,p-Xylenes	<0.50	^3+	0.50		ug/L			04/04/26 17:46	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/04/26 17:46	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1
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			04/04/26 17:46	1
Naphthalene	<0.50		0.50		ug/L			04/04/26 17:46	1
n-Butylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
N-Propylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/04/26 17:46	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/04/26 17:46	1
o-Xylene	<0.50		0.50		ug/L			04/04/26 17:46	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/04/26 17:46	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/04/26 17:46	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/04/26 17:46	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Styrene	<0.50		0.50		ug/L			04/04/26 17:46	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/04/26 17:46	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/04/26 17:46	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/04/26 17:46	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/04/26 17:46	1
Toluene	<0.50		0.50		ug/L			04/04/26 17:46	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/04/26 17:46	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/04/26 17:46	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/04/26 17:46	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/04/26 17:46	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/04/26 17:46	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/04/26 17:46	1
Xylenes, Total	<0.50		0.50		ug/L			04/04/26 17:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/04/26 17:46*	*1*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/08/26 00:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*04/04/26 17:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*70 - 130*		*04/08/26 00:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/04/26 17:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*04/08/26 00:01*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/04/26 17:46*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*04/08/26 00:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*04/04/26 17:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*70 - 130*		*04/08/26 00:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*		*04/04/26 17:46*	*1*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*04/08/26 00:01*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/04/26 17:46*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*04/08/26 00:01*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
2,4'-DDE	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
2,4'-DDT	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1

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
4,4'-DDD	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
4,4'-DDE	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
4,4'-DDT	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Acenaphthene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Acenaphthylene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Acetochlor	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Alachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
alpha-BHC	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
alpha-Chlordane	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Anthracene	<0.020		0.020		ug/L		04/07/26 10:44	04/08/26 17:05	1
Atrazine	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/07/26 10:44	04/08/26 17:05	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/07/26 10:44	04/08/26 17:05	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/07/26 10:44	04/08/26 17:05	1
beta-BHC	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/07/26 10:44	04/08/26 17:05	1
Aldrin	<0.0099		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Bromacil	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Butachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 17:05	1
Chlorobenzilate	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Chloroneb	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Chlorpyrifos	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Chrysene	<0.020		0.020		ug/L		04/07/26 10:44	04/08/26 17:05	1
delta-BHC	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/07/26 10:44	04/08/26 17:05	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Dieldrin	**0.038**		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Diethylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 17:05	1
Dimethylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 17:05	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		04/07/26 10:44	04/08/26 17:05	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Endosulfan sulfate	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Endrin	<0.0099		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Endrin aldehyde	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
EPTC	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Fluoranthene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Fluorene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
gamma-BHC (Lindane)	<0.0099		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
gamma-Chlordane	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Heptachlor	<0.0099		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Heptachlor epoxide (isomer B)	**0.012**		0.0099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1
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
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Isophorone	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Malathion	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Methoxychlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Metolachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Molinate	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Naphthalene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Parathion	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Phenanthrene	<0.039		0.039		ug/L		04/07/26 10:44	04/08/26 17:05	1
Propachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Pyrene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Simazine	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Terbacil	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Terbuthylazine	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Thiobencarb	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/07/26 10:44	04/08/26 17:05	1
trans-Nonachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 17:05	1
Trifluralin	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
1-Methylnaphthalene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1
2-Methylnaphthalene	<0.099		0.099		ug/L		04/07/26 10:44	04/08/26 17:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/07/26 10:44*	*04/08/26 17:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*04/07/26 10:44*	*04/08/26 17:05*	*1*
Perylene-d12	*94*		*70 - 130*	*04/07/26 10:44*	*04/08/26 17:05*	*1*
Triphenylphosphate	*98*		*70 - 130*	*04/07/26 10:44*	*04/08/26 17:05*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
2,4,5-Trichlorophenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
2,4,6-Trichlorophenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
2,4-Dichlorophenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
2,4-Dinitrophenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
2,6-Dichlorophenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Chloronaphthalene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Chlorophenol	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Methylphenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Nitroaniline	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
2-Nitrophenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
3/4-Methylphenol	<2.0		2.0		ug/L		04/04/26 20:59	04/09/26 20:20	1
3-Nitroaniline	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
4,6-Dinitro-2-methylphenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
4-Chloro-3-methylphenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1

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
4-Chloroaniline	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
4-Nitroaniline	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
4-Nitrophenol	<4.9		4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
Acenaphthene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Acenaphthylene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Aniline	<0.20	*- *1	0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Anthracene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzidine	<4.9	*-	4.9		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzoic acid	<9.8		9.8		ug/L		04/04/26 20:59	04/09/26 20:20	1
Benzyl alcohol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Chrysene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Dibenzofuran	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Fluoranthene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Fluorene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Hexachloroethane	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Naphthalene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Nitrobenzene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Pentachlorophenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
Phenanthrene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1
Phenol	<0.98		0.98		ug/L		04/04/26 20:59	04/09/26 20:20	1
Pyrene	<0.20		0.20		ug/L		04/04/26 20:59	04/09/26 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*28 - 127*	*04/04/26 20:59*	*04/09/26 20:20*	*1*
2-Fluorobiphenyl (Surr)	*83*		*31 - 120*	*04/04/26 20:59*	*04/09/26 20:20*	*1*
2-Fluorophenol (Surr)	*52*		*17 - 120*	*04/04/26 20:59*	*04/09/26 20:20*	*1*
Nitrobenzene-d5 (Surr)	*88*		*27 - 120*	*04/04/26 20:59*	*04/09/26 20:20*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*04/04/26 20:59*	*04/09/26 20:20*	*1*
p-Terphenyl-d14 (Surr)	*78*		*45 - 120*	*04/04/26 20:59*	*04/09/26 20:20*	*1*

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

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/04/26 20:59*	*04/14/26 17:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*33 - 139*	*04/04/26 20:59*	*04/14/26 17:03*	*1*
2-Fluorobiphenyl (Surr)	*83*		*33 - 126*	*04/04/26 20:59*	*04/14/26 17:03*	*1*

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1

Matrix: Water
PWSID Number: HI0000331

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*54*		*12 - 120*	*04/04/26 20:59*	*04/14/26 17:03*	*1*
Nitrobenzene-d5 (Surr)	*82*		*36 - 120*	*04/04/26 20:59*	*04/14/26 17:03*	*1*
Phenol-d6 (Surr)	*30*		*10 - 120*	*04/04/26 20:59*	*04/14/26 17:03*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 131*	*04/04/26 20:59*	*04/14/26 17:03*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			04/15/26 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*		*04/15/26 15:39*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.020		0.020	ug/L		04/07/26 15:15	04/08/26 01:55	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010	ug/L		04/07/26 15:15	04/08/26 01:55	1
1,2-Dibromoethane	<0.010		0.010	ug/L		04/07/26 15:15	04/08/26 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*108*		*60 - 140*	*04/07/26 15:15*	*04/08/26 01:55*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.49		0.49	ug/L		04/06/26 13:03	04/06/26 17:15	1
Chlordane (n.o.s.)	**0.22**		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1016	<0.069		0.069	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1221	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1232	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1242	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1248	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1254	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1
PCB-1260	<0.069		0.069	ug/L		04/06/26 13:03	04/06/26 17:15	1
Polychlorinated biphenyls, Total	<0.098		0.098	ug/L		04/06/26 13:03	04/06/26 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*70 - 130*	*04/06/26 13:03*	*04/06/26 17:15*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<27		27	ug/L		04/07/26 09:29	04/07/26 23:12	1
Motor Oil Range Organics [C24-C36]	<27		27	ug/L		04/07/26 09:29	04/07/26 23:12	1
C8-C18	<27		27	ug/L		04/07/26 09:29	04/07/26 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*60 - 130*	*04/07/26 09:29*	*04/07/26 23:12*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10		0.10	mg/L			04/14/26 15:09	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1

Matrix: Water
PWSID Number: HI0000331

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Hexafluoro-2-propanol (Surr)	*99*	*p*	*52 - 149*		*04/14/26 15:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	**670**		25	ug/L			04/10/26 04:17	5
Chloride	**190**		2.5	mg/L			04/03/26 22:44	5
Nitrate as N	**1.6**		0.25	mg/L			04/03/26 22:44	5
Nitrite as N	<0.25		0.25	mg/L			04/03/26 22:44	5
Sulfate	**43**		1.3	mg/L			04/03/26 22:44	5

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**31**		0.10	mg/L			04/06/26 13:18	1
Magnesium	**28**		0.10	mg/L			04/06/26 13:18	1
Potassium	**3.6**		0.20	mg/L			04/06/26 13:18	1
Sodium	**68**		0.10	mg/L			04/06/26 13:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	ug/L		04/07/26 09:15	04/08/26 17:50	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	ug/L			04/04/26 12:52	1
Arsenic	<1.0		1.0	ug/L			04/04/26 12:52	1
Beryllium	<0.30		0.30	ug/L			04/04/26 12:52	1
Cadmium	<0.50		0.50	ug/L			04/04/26 12:52	1
Chromium	**2.4**		0.90	ug/L			04/04/26 12:52	1
Copper	**1.1**		1.0	ug/L			04/04/26 12:52	1
Lead	<0.50		0.50	ug/L			04/04/26 12:52	1
Nickel	<5.0		5.0	ug/L			04/04/26 12:52	1
Selenium	**2.4**		2.0	ug/L			04/04/26 12:52	1
Silver	<0.50		0.50	ug/L			04/04/26 12:52	1
Thallium	<0.30		0.30	ug/L			04/04/26 12:52	1
Zinc	**17**		5.0	ug/L			04/04/26 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**66**		2.0	mg/L			04/07/26 18:09	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	**66**		2.0	mg/L			04/07/26 18:09	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	mg/L			04/07/26 18:09	1
Specific Conductance (SM 2510B)	**820**		2.0	umhos/cm			04/07/26 18:09	1
Total Dissolved Solids (SM 2540C)	**490**		20	mg/L			04/06/26 15:45	1
Fluoride (SM 4500 F C)	**0.059**		0.050	mg/L			04/08/26 14:26	1
pH (SM 4500 H+ B)	**7.7**	**HF**		SU			04/07/26 18:09	1
Sulfide (SM 4500 S2 D)	<0.050	F1	0.050	mg/L			04/06/26 15:05	1

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-2
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/05/26 18:00	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/26 18:00	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/26 18:00	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/26 18:00	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/26 18:00	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/26 18:00	1
Acetone	<500	*1	500		ug/L			04/07/26 15:46	1
Benzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromobenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromodichloromethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromoform	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/26 18:00	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/26 18:00	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/26 18:00	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Chloroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/26 18:00	1
Dichloromethane	<0.50		0.50		ug/L			04/05/26 18:00	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/26 18:00	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/26 18:00	1
Dibromomethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/05/26 18:00	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/26 18:00	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/26 18:00	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/26 18:00	1
Naphthalene	<0.50		0.50		ug/L			04/05/26 18:00	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/26 18:00	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/26 18:00	1
o-Xylene	<0.50		0.50		ug/L			04/05/26 18:00	1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/26 18:00	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/26 18:00	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/26 18:00	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Styrene	<0.50		0.50		ug/L			04/05/26 18:00	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/26 18:00	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/26 18:00	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/26 18:00	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/26 18:00	1
Toluene	<0.50		0.50		ug/L			04/05/26 18:00	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/26 18:00	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/26 18:00	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/26 18:00	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/26 18:00	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/26 18:00	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/26 18:00	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/26 18:00	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Bromoethane	<0.50		0.50		ug/L			04/05/26 18:00	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/26 18:00	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/26 18:00	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*2.0*	*T J*	*ug/L*		*1.30*	*N/A*		*04/07/26 15:46*	*1*
Unknown	*11*	*T J*	*ug/L*		*9.02*	*N/A*		*04/05/26 18:00*	*1*
Furfural	*12*	*T J N*	*ug/L*		*9.46*	*98-01-1*		*04/07/26 15:46*	*1*
Unknown	*1.7*	*T J*	*ug/L*		*10.38*	*N/A*		*04/05/26 18:00*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*04/05/26 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 130*		*04/05/26 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*04/07/26 15:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*04/07/26 15:46*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*04/05/26 18:00*	*1*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*04/05/26 18:00*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*04/07/26 15:46*	*1*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*04/07/26 15:46*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/05/26 18:00*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/05/26 18:00*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*04/07/26 15:46*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*04/07/26 15:46*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			04/15/26 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*38 - 134*		*04/15/26 16:03*	*1*

Client Sample Results

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-2

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.020		0.020		ug/L		04/07/26 15:15	04/08/26 02:16	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010		ug/L		04/07/26 15:15	04/08/26 02:16	1
1,2-Dibromoethane	<0.010		0.010		ug/L		04/07/26 15:15	04/08/26 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*108*		*60 - 140*	*04/07/26 15:15*	*04/08/26 02:16*	*1*

Action Limit Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-206177-1

PWSID Number: HI0000331

Compliance Check

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

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	EPAMCLS Limit	Method	Prep Type
Trihalomethanes, Total	<0.50		ug/L		80		524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200		524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,1-Dichlorethylene	<0.50		ug/L	7.000	7		524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000			524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70		524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5		524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5		524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80		524.2	Total/NA
Bromoform	<0.50		ug/L		80		524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5		524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100		524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80		524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80		524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50		ug/L	5.000	5		524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700		524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600		524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75		524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100		524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000		524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100		524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Vinyl Chloride (VC)	<0.30		ug/L	2.000	2		524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000		524.2	Total/NA
Alachlor	<0.049		ug/L		2		525.2	Total/NA
Atrazine	<0.049		ug/L		3		525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L		0.2		525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L		6		525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L		400		525.2	Total/NA
Endrin	<0.0099		ug/L		2		525.2	Total/NA
gamma-BHC (Lindane)	<0.0099		ug/L		0.2		525.2	Total/NA
Heptachlor	<0.0099		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.012		ug/L		0.2		525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L		1		525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L		50		525.2	Total/NA
Methoxychlor	<0.049		ug/L		40		525.2	Total/NA
Simazine	<0.049		ug/L		4		525.2	Total/NA
Benzo[a]pyrene	<0.20		ug/L		0.2		625.1 SIM	Total/NA
Pentachlorophenol	<0.98		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	<0.49		ug/L		3		505	Total/NA
Chlordane (n.o.s.)	0.22		ug/L		2		505	Total/NA

Action Limit Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065) (Continued)

Lab Sample ID: 380-206177-1

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	<0.098		ug/L		0.5		505	Total/NA
Chloride	190		mg/L			250	300.0	Total/NA
Nitrate as N	1.6		mg/L		10		300.0	Total/NA
Nitrite as N	<0.25		mg/L		1		300.0	Total/NA
Sulfate	43		mg/L			250	300.0	Total/NA
Antimony	<1.0		ug/L		6		200.8	Total/NA
Arsenic	<1.0		ug/L		10		200.8	Total/NA
Beryllium	<0.30		ug/L		4		200.8	Total/NA
Cadmium	<0.50		ug/L		5		200.8	Total/NA
Chromium	2.4		ug/L		100		200.8	Total/NA
Copper	1.1		ug/L		1300	1000	200.8	Total/NA
Lead	<0.50		ug/L		10.00		200.8	Total/NA
Selenium	2.4		ug/L		50		200.8	Total/NA
Silver	<0.50		ug/L			100	200.8	Total/NA
Thallium	<0.30		ug/L		2		200.8	Total/NA
Zinc	17		ug/L			5000	200.8	Total/NA
Total Dissolved Solids	490		mg/L			500	SM 2540C	Total/NA
Fluoride	0.059		mg/L		4	2	SM 4500 F C	Total/NA
pH	7.7	HF	SU			6.5	SM 4500 H+ B	Total/NA

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-206177-2

Compliance Check

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

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

Action Limit Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065) (Continued)

Lab Sample ID: 380-206177-2

Compliance Check

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

Analyte	Result	Qualifier	Unit	HI Org Limit	EPAMCL Limit	RL	Method	Prep Type
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	<0.010		ug/L		0.2	0.010	504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05	0.010	504.1	Total/NA

Surrogate Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

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)
380-206028-A-9 MSD	Matrix Spike Duplicate	102	102	96	96	101	101
380-206028-B-9 MS	Matrix Spike	102	102	104	104	100	100
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	106	106	99	99	101	101
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	125	125	104	104	92	92
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	104	104	107	107	105	105
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	106	106	109	109	93	93
LCS 380-217857/5	Lab Control Sample	98	98	102	102	102	102
LCS 380-217892/5	Lab Control Sample	102	102	100	100	103	103
LCS 380-218267/11	Lab Control Sample	99	99	103	103	104	104
LCS 380-218352/3	Lab Control Sample	105	105	90	90	99	99
LCSD 380-217857/6	Lab Control Sample Dup	103	103	101	101	101	101
LCSD 380-217892/6	Lab Control Sample Dup	103	103	95	95	101	101
LCSD 380-218267/12	Lab Control Sample Dup	110	110	101	101	90	90
LCSD 380-218352/4	Lab Control Sample Dup	102	102	100	100	98	98
MB 380-217857/8	Method Blank	105	105	98	98	102	102
MB 380-217892/8	Method Blank	104	104	98	98	103	103
MB 380-218267/15	Method Blank	112	112	102	102	90	90
MB 380-218352/5	Method Blank	110	110	98	98	88	88
MRL 380-217857/3	Lab Control Sample	103	103	97	97	103	103
MRL 380-217857/4	Lab Control Sample	102	102	101	101	102	102
MRL 380-217892/3	Lab Control Sample	105	105	98	98	102	102
MRL 380-217892/4	Lab Control Sample	103	103	101	101	102	102
MRL 380-218267/13	Lab Control Sample	103	103	102	102	92	92
MRL 380-218267/14	Lab Control Sample	102	102	98	98	98	98

Surrogate Legend

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

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

Matrix: 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)
380-204992-S-1-A DU	Duplicate	99	94	103
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	99	94	98
380-206177-1 MS	HALAWA WELLS P1 (331-023-WL065)	98	97	103
LCS 380-218277/23-A	Lab Control Sample	97	96	105
LCSD 380-218277/24-A	Lab Control Sample Dup	99	97	106
MB 380-218277/21-A	Method Blank	99	94	97
MRL 380-218277/22-A	Lab Control Sample	100	95	98

Surrogate Legend

2NMX = 2-Nitro-m-xylene

PRY = Perylene-d12
TPP = Triphenylphosphate

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)
380-206177-1	HALAWA WELLS P1 (331-023-V	82	83	54	82	30	84
MB 570-719700/1-A	Method Blank	67	69	51	71	30	74

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)
380-205929-A-1-A MS	Matrix Spike	69	64	44	59	30	57
380-205929-B-1-A MSD	Matrix Spike Duplicate	79	70	47	62	33	64
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	88	83	52	88	33	78
LCS 570-719700/2-A	Lab Control Sample	83	85	64	76	42	86
LCSD 570-719700/3-A	Lab Control Sample Dup	69	74	55	66	36	77
MB 570-719700/1-A	Method Blank	72	68	48	75	31	69

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

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
380-206177-1	HALAWA WELLS P1 (331-023-V	102
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	104
380-206949-C-1 MS	Matrix Spike	104
380-206949-C-1 MSD	Matrix Spike Duplicate	102
LCS 570-724791/3	Lab Control Sample	109
LCSD 570-724791/4	Lab Control Sample Dup	105
MB 570-724791/6	Method Blank	102
MRL 570-724791/5	Lab Control Sample	102

Surrogate Legend

Surrogate Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	DBPP1 (60-140)
380-206177-1	HALAWA WELLS P1 (331-023-V	108
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	108
380-206204-BV-1-A MS	Matrix Spike	103
380-206332-BQ-1-A DU	Duplicate	110
LCS 380-218306/29-A	Lab Control Sample	106
MBL 380-218306/4-A	Method Blank	105
MRL 380-218306/2-A	Lab Control Sample	105
MRL 380-218306/3-A	Lab Control Sample	103

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

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)
380-206150-I-1-A MS	Matrix Spike	90
380-206150-J-1-A MS	Matrix Spike	96
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	91
LCS 380-218087/28-A	Lab Control Sample	93
LCS 380-218087/29-A	Lab Control Sample	99
LCS 380-218087/31-A	Lab Control Sample	93
LCSD 380-218087/30-A	Lab Control Sample Dup	90
MB 380-218087/3-A	Method Blank	94
MRL 380-218087/1-A	Lab Control Sample	90
MRL 380-218087/2-A	Lab Control Sample	85

Surrogate Legend

TCX = Tetrachloro-m-xylene

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)
380-206177-1	HALAWA WELLS P1 (331-023-V	104
LCS 570-720612/2-A	Lab Control Sample	115
LCSD 570-720612/3-A	Lab Control Sample Dup	111
MB 570-720612/1-A	Method Blank	109
MRL 570-720612/4-A	Lab Control Sample	110

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-206177-1
Project/Site: RED-HILL
SDG: Quarterly: Halawa Wells P1

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	HF2PP1 (52-149)						
380-206177-1	HALAWA WELLS P1 (331-023-V	99 p						
380-207013-AB-1 MS	Matrix Spike	97 p						
380-207013-AB-1 MSD	Matrix Spike Duplicate	97 p						
LCS 570-723893/4	Lab Control Sample	99						
LCSD 570-723893/5	Lab Control Sample Dup	101 p						
MB 570-723893/3	Method Blank	98 p						
MRL 570-723893/6	Lab Control Sample	97						

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

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

Lab Sample ID: MB 380-217857/8
Matrix: Water
Analysis Batch: 217857

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/04/26 14:16	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/04/26 14:16	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/04/26 14:16	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/04/26 14:16	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/04/26 14:16	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/04/26 14:16	1
Acetone	<500		500		ug/L			04/04/26 14:16	1
Benzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromobenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromochloromethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromodichloromethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromoform	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/04/26 14:16	1
Carbon disulfide	<0.50		0.50		ug/L			04/04/26 14:16	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/04/26 14:16	1
Chlorobenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Chloroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/04/26 14:16	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/04/26 14:16	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/04/26 14:16	1
Dibromomethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Dichloromethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Ethylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/04/26 14:16	1
Isopropylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
m,p-Xylenes	<0.50		0.50		ug/L			04/04/26 14:16	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/04/26 14:16	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/04/26 14:16	1
Naphthalene	<0.50		0.50		ug/L			04/04/26 14:16	1
n-Butylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
N-Propylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/04/26 14:16	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/04/26 14:16	1

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

Lab Sample ID: MB 380-217857/8
Matrix: Water
Analysis Batch: 217857

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			04/04/26 14:16	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/04/26 14:16	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/04/26 14:16	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/04/26 14:16	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Styrene	<0.50		0.50		ug/L			04/04/26 14:16	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/04/26 14:16	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/04/26 14:16	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/04/26 14:16	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/04/26 14:16	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/04/26 14:16	1
Toluene	<0.50		0.50		ug/L			04/04/26 14:16	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/04/26 14:16	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/04/26 14:16	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/04/26 14:16	1
Bromoethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/04/26 14:16	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/04/26 14:16	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/04/26 14:16	1
Diisopropyl ether	<3.0		3.0		ug/L			04/04/26 14:16	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/04/26 14:16	1
Xylenes, Total	<0.50		0.50		ug/L			04/04/26 14:16	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/04/26 14:16*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*04/04/26 14:16*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*04/04/26 14:16*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/04/26 14:16*	*1*

Lab Sample ID: LCS 380-217857/5
Matrix: Water
Analysis Batch: 217857

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	4.79		ug/L		96	70 - 130		
1,1,1-Trichloroethane			5.00	4.71		ug/L		94	70 - 130		
1,1,2,2-Tetrachloroethane			5.00	4.79		ug/L		96	70 - 130		
1,1,2-Trichloroethane			5.00	4.90		ug/L		98	70 - 130		
1,1-Dichloroethane			5.00	4.66		ug/L		93	70 - 130		
1,1-Dichlorethylene			5.00	4.79		ug/L		96	70 - 130		
1,1-Dichloropropene			5.00	4.59		ug/L		92	70 - 130		
1,2,3-Trichlorobenzene			5.00	5.18		ug/L		104	70 - 130		
1,2,3-Trichloropropane			5.00	5.09		ug/L		102	70 - 130		
1,2,4-Trichlorobenzene			5.00	5.02		ug/L		100	70 - 130		
1,2,4-Trimethylbenzene			5.00	5.22		ug/L		104	70 - 130		
1,2-Dichloroethane			5.00	4.92		ug/L		98	70 - 130		

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

Lab Sample ID: LCS 380-217857/5
Matrix: Water
Analysis Batch: 217857

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	4.86		ug/L		97	70 - 130
1,3,5-Trimethylbenzene	5.00	4.88		ug/L		98	70 - 130
1,3-Dichloropropane	5.00	4.97		ug/L		99	70 - 130
2,2-Dichloropropane	5.00	4.75		ug/L		95	70 - 130
2-Butanone (MEK)	50.0	41.0		ug/L		82	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	47.0		ug/L		94	70 - 130
Acetone	50.0	35.1	J	ug/L		70	70 - 130
Benzene	5.00	4.87		ug/L		97	70 - 130
Bromobenzene	5.00	4.84		ug/L		97	70 - 130
Bromochloromethane	5.00	4.73		ug/L		95	70 - 130
Bromodichloromethane	5.00	4.27		ug/L		85	70 - 130
Bromoform	5.00	5.36		ug/L		107	70 - 130
Bromomethane (Methyl Bromide)	5.00	4.68		ug/L		94	70 - 130
Carbon disulfide	5.00	4.29		ug/L		86	70 - 130
Carbon tetrachloride	5.00	4.47		ug/L		89	70 - 130
Chlorobenzene	5.00	4.89		ug/L		98	70 - 130
Chlorodibromomethane	5.00	4.92		ug/L		98	70 - 130
cis-1,3-Dichloropropene	5.00	5.00		ug/L		100	70 - 130
Dichloromethane	5.00	4.73		ug/L		95	70 - 130
Ethylbenzene	5.00	5.09		ug/L		102	70 - 130
Hexachlorobutadiene	5.00	5.23		ug/L		105	70 - 130
Isopropylbenzene	5.00	5.02		ug/L		100	70 - 130
m,p-Xylenes	10.0	10.2		ug/L		102	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	4.92		ug/L		98	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	4.19		ug/L		84	70 - 130
Naphthalene	5.00	5.28		ug/L		106	70 - 130
n-Butylbenzene	5.00	5.26		ug/L		105	70 - 130
N-Propylbenzene	5.00	5.04		ug/L		101	70 - 130
o-Chlorotoluene	5.00	4.98		ug/L		100	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	5.16		ug/L		103	70 - 130
o-Xylene	5.00	4.88		ug/L		98	70 - 130
p-Chlorotoluene	5.00	4.98		ug/L		100	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	4.82		ug/L		96	70 - 130
p-Isopropyltoluene	5.00	5.00		ug/L		100	70 - 130
sec-Butylbenzene	5.00	5.12		ug/L		102	70 - 130
Styrene	5.00	5.05		ug/L		101	70 - 130
Tert-amyl methyl ether	5.00	4.41		ug/L		88	70 - 130
1,3-Dichloropropene, Total	10.0	9.96		ug/L		100	70 - 130
Tert-butyl ethyl ether	5.00	4.34		ug/L		87	70 - 130
tert-Butylbenzene	5.00	4.98		ug/L		100	70 - 130
Tetrachloroethene (PCE)	5.00	4.80		ug/L		96	70 - 130
Toluene	5.00	4.78		ug/L		96	70 - 130
trans-1,2-Dichloroethylene	5.00	4.74		ug/L		95	70 - 130
trans-1,3-Dichloropropene	5.00	4.96		ug/L		99	70 - 130
Trichloroethylene (TCE)	5.00	4.84		ug/L		97	70 - 130
Bromoethane	5.00	4.11		ug/L		82	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	5.94		ug/L		119	70 - 130
Trichlorotrifluoroethane	5.00	4.50		ug/L		90	70 - 130

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

Lab Sample ID: LCS 380-217857/5
Matrix: Water
Analysis Batch: 217857

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	4.19		ug/L		84	70 - 130
Vinyl Chloride (VC)	5.00	4.63		ug/L		93	70 - 130
Xylenes, Total	15.0	15.0		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 380-217857/6
Matrix: Water
Analysis Batch: 217857

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	4.67		ug/L		93	70 - 130	2	20
1,1,1-Trichloroethane	5.00	4.73		ug/L		95	70 - 130	0	20
1,1,2,2-Tetrachloroethane	5.00	4.67		ug/L		93	70 - 130	3	20
1,1,2-Trichloroethane	5.00	4.90		ug/L		98	70 - 130	0	20
1,1-Dichloroethane	5.00	4.78		ug/L		96	70 - 130	2	20
1,1-Dichlorethylene	5.00	4.78		ug/L		96	70 - 130	0	20
1,1-Dichloropropene	5.00	4.65		ug/L		93	70 - 130	1	20
1,2,3-Trichlorobenzene	5.00	4.88		ug/L		98	70 - 130	6	20
1,2,3-Trichloropropane	5.00	4.89		ug/L		98	70 - 130	4	20
1,2,4-Trichlorobenzene	5.00	4.76		ug/L		95	70 - 130	5	20
1,2,4-Trimethylbenzene	5.00	5.23		ug/L		105	70 - 130	0	20
1,2-Dichloroethane	5.00	4.90		ug/L		98	70 - 130	0	20
1,2-Dichloropropane	5.00	4.84		ug/L		97	70 - 130	0	20
1,3,5-Trimethylbenzene	5.00	4.94		ug/L		99	70 - 130	1	20
1,3-Dichloropropane	5.00	4.91		ug/L		98	70 - 130	1	20
2,2-Dichloropropane	5.00	5.03		ug/L		101	70 - 130	6	20
2-Butanone (MEK)	50.0	45.2		ug/L		90	70 - 130	10	20
4-Methyl-2-pentanone (MIBK)	50.0	45.6		ug/L		91	70 - 130	3	20
Acetone	50.0	46.1	J *1	ug/L		92	70 - 130	27	20
Benzene	5.00	4.85		ug/L		97	70 - 130	0	20
Bromobenzene	5.00	4.82		ug/L		96	70 - 130	1	20
Bromochloromethane	5.00	4.80		ug/L		96	70 - 130	2	20
Bromodichloromethane	5.00	4.34		ug/L		87	70 - 130	2	20
Bromoform	5.00	5.29		ug/L		106	70 - 130	1	20
Bromomethane (Methyl Bromide)	5.00	4.81		ug/L		96	70 - 130	3	20
Carbon disulfide	5.00	4.08		ug/L		82	70 - 130	5	20
Carbon tetrachloride	5.00	4.48		ug/L		90	70 - 130	0	20
Chlorobenzene	5.00	4.96		ug/L		99	70 - 130	2	20
Chlorodibromomethane	5.00	5.10		ug/L		102	70 - 130	3	20
cis-1,3-Dichloropropene	5.00	4.94		ug/L		99	70 - 130	1	20
Dichloromethane	5.00	4.70		ug/L		94	70 - 130	1	20
Ethylbenzene	5.00	5.11		ug/L		102	70 - 130	0	20
Hexachlorobutadiene	5.00	5.08		ug/L		102	70 - 130	3	20
Isopropylbenzene	5.00	5.00		ug/L		100	70 - 130	0	20

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

Lab Sample ID: LCSD 380-217857/6
Matrix: Water
Analysis Batch: 217857

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	10.5		ug/L		105	70 - 130	3	20
m-Dichlorobenzene (1,3-DCB)			5.00	4.95		ug/L		99	70 - 130	1	20
Methyl-tert-butyl Ether (MTBE)			5.00	4.17		ug/L		83	70 - 130	0	20
Naphthalene			5.00	4.99		ug/L		100	70 - 130	6	20
n-Butylbenzene			5.00	5.01		ug/L		100	70 - 130	5	20
N-Propylbenzene			5.00	5.08		ug/L		102	70 - 130	1	20
o-Chlorotoluene			5.00	4.96		ug/L		99	70 - 130	0	20
o-Dichlorobenzene (1,2-DCB)			5.00	4.90		ug/L		98	70 - 130	5	20
o-Xylene			5.00	5.03		ug/L		101	70 - 130	3	20
p-Chlorotoluene			5.00	5.01		ug/L		100	70 - 130	1	20
p-Dichlorobenzene (1,4-DCB)			5.00	4.86		ug/L		97	70 - 130	1	20
p-Isopropyltoluene			5.00	4.96		ug/L		99	70 - 130	1	20
sec-Butylbenzene			5.00	5.09		ug/L		102	70 - 130	1	20
Styrene			5.00	5.04		ug/L		101	70 - 130	0	20
Tert-amyl methyl ether			5.00	4.24		ug/L		85	70 - 130	4	20
1,3-Dichloropropene, Total			10.0	9.92		ug/L		99	70 - 130	0	20
Tert-butyl ethyl ether			5.00	4.49		ug/L		90	70 - 130	3	20
tert-Butylbenzene			5.00	5.05		ug/L		101	70 - 130	1	20
Tetrachloroethene (PCE)			5.00	4.83		ug/L		97	70 - 130	1	20
Toluene			5.00	4.81		ug/L		96	70 - 130	1	20
trans-1,2-Dichloroethylene			5.00	4.77		ug/L		95	70 - 130	1	20
trans-1,3-Dichloropropene			5.00	4.98		ug/L		100	70 - 130	1	20
Trichloroethylene (TCE)			5.00	4.75		ug/L		95	70 - 130	2	20
Bromoethane			5.00	4.05		ug/L		81	70 - 130	2	20
Trichlorofluoromethane (Freon 11)			5.00	5.42		ug/L		108	70 - 130	9	20
Trichlorotrifluoroethane			5.00	4.49		ug/L		90	70 - 130	0	20
Diisopropyl ether			5.00	4.12		ug/L		82	70 - 130	2	20
Vinyl Chloride (VC)			5.00	4.74		ug/L		95	70 - 130	2	20
Xylenes, Total			15.0	15.5		ug/L		103	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MRL 380-217857/3
Matrix: Water
Analysis Batch: 217857

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	0.961	^3+	ug/L		192	50 - 150		
Vinyl Chloride (VC)			0.250	0.338		ug/L		135	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

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

Lab Sample ID: MRL 380-217857/4
Matrix: Water
Analysis Batch: 217857

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	0.432	J	ug/L		86	50 - 150
1,1,1-Trichloroethane	0.500	0.501		ug/L		100	50 - 150
1,1,2,2-Tetrachloroethane	0.500	0.543		ug/L		109	50 - 150
1,1,2-Trichloroethane	0.500	0.548		ug/L		110	50 - 150
1,1-Dichloroethane	0.500	0.531		ug/L		106	50 - 150
1,1-Dichlorethylene	0.500	0.551		ug/L		110	50 - 150
1,1-Dichloropropene	0.500	0.517		ug/L		103	50 - 150
1,2,3-Trichlorobenzene	0.500	0.545		ug/L		109	50 - 150
1,2,3-Trichloropropane	0.500	0.586		ug/L		117	50 - 150
1,2,4-Trichlorobenzene	0.500	0.502		ug/L		100	50 - 150
1,2,4-Trimethylbenzene	0.500	0.534		ug/L		107	50 - 150
1,2-Dichloroethane	0.500	0.522		ug/L		104	50 - 150
1,2-Dichloropropane	0.500	0.523		ug/L		105	50 - 150
1,3,5-Trimethylbenzene	0.500	0.531		ug/L		106	50 - 150
1,3-Dichloropropane	0.500	0.538		ug/L		108	50 - 150
2,2-Dichloropropane	0.500	0.511		ug/L		102	50 - 150
2-Butanone (MEK)	5.00	4.77	J	ug/L		95	50 - 150
4-Methyl-2-pentanone (MIBK)	5.00	6.10		ug/L		122	50 - 150
Acetone	5.00	<4.0	^3-	ug/L		-177	50 - 150
Benzene	0.500	0.506		ug/L		101	50 - 150
Bromobenzene	0.500	0.519		ug/L		104	50 - 150
Bromochloromethane	0.500	0.500		ug/L		100	50 - 150
Bromodichloromethane	0.500	0.411	J	ug/L		82	50 - 150
Bromoform	0.500	0.585		ug/L		117	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.498	J	ug/L		100	50 - 150
Carbon disulfide	0.500	0.549		ug/L		110	50 - 150
Carbon tetrachloride	0.500	0.455	J	ug/L		91	50 - 150
Chlorobenzene	0.500	0.535		ug/L		107	50 - 150
Chlorodibromomethane	0.500	0.655		ug/L		131	50 - 150
cis-1,3-Dichloropropene	0.500	0.433	J	ug/L		87	50 - 150
Dichloromethane	0.500	0.533		ug/L		107	50 - 150
Ethylbenzene	0.500	0.535		ug/L		107	50 - 150
Hexachlorobutadiene	0.500	0.502		ug/L		100	50 - 150
Isopropylbenzene	0.500	0.532		ug/L		106	50 - 150
m,p-Xylenes	1.00	1.04		ug/L		104	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.550		ug/L		110	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.556		ug/L		111	50 - 150
Naphthalene	0.500	0.566		ug/L		113	50 - 150
n-Butylbenzene	0.500	0.515		ug/L		103	50 - 150
N-Propylbenzene	0.500	0.532		ug/L		106	50 - 150
o-Chlorotoluene	0.500	0.543		ug/L		109	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.516		ug/L		103	50 - 150
o-Xylene	0.500	0.552		ug/L		110	50 - 150
p-Chlorotoluene	0.500	0.551		ug/L		110	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.550		ug/L		110	50 - 150
p-Isopropyltoluene	0.500	0.508		ug/L		102	50 - 150
sec-Butylbenzene	0.500	0.538		ug/L		108	50 - 150
Styrene	0.500	0.516		ug/L		103	50 - 150

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

Lab Sample ID: MRL 380-217857/4
Matrix: Water
Analysis Batch: 217857

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	0.544	J	ug/L		109	50 - 150
1,3-Dichloropropene, Total	1.00	0.854		ug/L		85	50 - 150
Tert-butyl ethyl ether	0.500	0.545	J	ug/L		109	50 - 150
tert-Butylbenzene	0.500	0.539		ug/L		108	50 - 150
Tetrachloroethene (PCE)	0.500	0.503		ug/L		101	50 - 150
Toluene	0.500	0.528		ug/L		106	50 - 150
trans-1,2-Dichloroethylene	0.500	0.515		ug/L		103	50 - 150
trans-1,3-Dichloropropene	0.500	0.421	J	ug/L		84	50 - 150
Trichloroethylene (TCE)	0.500	0.483	J	ug/L		97	50 - 150
Bromoethane	0.500	0.483	J	ug/L		97	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.572		ug/L		114	50 - 150
Trichlorotrifluoroethane	0.500	0.526		ug/L		105	50 - 150
Diisopropyl ether	0.500	0.548	J	ug/L		110	50 - 150
Vinyl Chloride (VC)	0.500	0.528		ug/L		106	50 - 150
Xylenes, Total	1.50	1.59		ug/L		106	50 - 150

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

Lab Sample ID: MB 380-217892/8
Matrix: Water
Analysis Batch: 217892

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/05/26 17:27	1
1,1,1-Trichloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,1,2,2-Tetrachloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,1,2-Trichloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,1-Dichloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,1-Dichlorethylene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,1-Dichloropropene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2,3-Trichlorobenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2,3-Trichloropropane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2,4-Trichlorobenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2,4-Trimethylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2-Dichloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,2-Dichloropropane	<0.50		0.50		ug/L			04/05/26 17:27	1
1,3,5-Trimethylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
1,3-Dichloropropane	<0.50		0.50		ug/L			04/05/26 17:27	1
2,2-Dichloropropane	<0.50		0.50		ug/L			04/05/26 17:27	1
2-Butanone (MEK)	<5.0		5.0		ug/L			04/05/26 17:27	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0		ug/L			04/05/26 17:27	1
Benzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Bromobenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Bromochloromethane	<0.50		0.50		ug/L			04/05/26 17:27	1

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

Lab Sample ID: MB 380-217892/8
Matrix: Water
Analysis Batch: 217892

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Bromoform	<0.50		0.50		ug/L			04/05/26 17:27	1
Bromomethane (Methyl Bromide)	<0.50		0.50		ug/L			04/05/26 17:27	1
Carbon disulfide	<0.50		0.50		ug/L			04/05/26 17:27	1
Carbon tetrachloride	<0.50		0.50		ug/L			04/05/26 17:27	1
Chlorobenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Chlorodibromomethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Chloroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Chloroform (Trichloromethane)	<0.50		0.50		ug/L			04/05/26 17:27	1
cis-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/26 17:27	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/26 17:27	1
Dibromomethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Dichlorodifluoromethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Dichloromethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Ethylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Hexachlorobutadiene	<0.50		0.50		ug/L			04/05/26 17:27	1
Isopropylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
m,p-Xylenes	<0.50		0.50		ug/L			04/05/26 17:27	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50		ug/L			04/05/26 17:27	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50		ug/L			04/05/26 17:27	1
Naphthalene	<0.50		0.50		ug/L			04/05/26 17:27	1
n-Butylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
N-Propylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
o-Chlorotoluene	<0.50		0.50		ug/L			04/05/26 17:27	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50		ug/L			04/05/26 17:27	1
o-Xylene	<0.50		0.50		ug/L			04/05/26 17:27	1
p-Chlorotoluene	<0.50		0.50		ug/L			04/05/26 17:27	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50		ug/L			04/05/26 17:27	1
p-Isopropyltoluene	<0.50		0.50		ug/L			04/05/26 17:27	1
sec-Butylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Styrene	<0.50		0.50		ug/L			04/05/26 17:27	1
Tert-amyl methyl ether	<3.0		3.0		ug/L			04/05/26 17:27	1
1,3-Dichloropropene, Total	<0.50		0.50		ug/L			04/05/26 17:27	1
Tert-butyl ethyl ether	<3.0		3.0		ug/L			04/05/26 17:27	1
tert-Butylbenzene	<0.50		0.50		ug/L			04/05/26 17:27	1
Tetrachloroethene (PCE)	<0.50		0.50		ug/L			04/05/26 17:27	1
Toluene	<0.50		0.50		ug/L			04/05/26 17:27	1
trans-1,2-Dichloroethylene	<0.50		0.50		ug/L			04/05/26 17:27	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			04/05/26 17:27	1
Trichloroethylene (TCE)	<0.50		0.50		ug/L			04/05/26 17:27	1
Bromoethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50		ug/L			04/05/26 17:27	1
Chloromethane (methyl chloride)	<0.50		0.50		ug/L			04/05/26 17:27	1
Trichlorotrifluoroethane	<0.50		0.50		ug/L			04/05/26 17:27	1
Diisopropyl ether	<3.0		3.0		ug/L			04/05/26 17:27	1
Vinyl Chloride (VC)	<0.30		0.30		ug/L			04/05/26 17:27	1
Xylenes, Total	<0.50		0.50		ug/L			04/05/26 17:27	1

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

Lab Sample ID: MB 380-217892/8
Matrix: Water
Analysis Batch: 217892

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		04/05/26 17:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		04/05/26 17:27	1
4-Bromofluorobenzene (Surr)	98		70 - 130		04/05/26 17:27	1
Toluene-d8 (Surr)	103		70 - 130		04/05/26 17:27	1

Lab Sample ID: LCS 380-217892/5
Matrix: Water
Analysis Batch: 217892

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	4.66		ug/L		93	70 - 130
1,1,1-Trichloroethane	5.00	4.64		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	5.00	4.67		ug/L		93	70 - 130
1,1,2-Trichloroethane	5.00	5.03		ug/L		101	70 - 130
1,1-Dichloroethane	5.00	4.73		ug/L		95	70 - 130
1,1-Dichlorethylene	5.00	4.75		ug/L		95	70 - 130
1,1-Dichloropropene	5.00	4.69		ug/L		94	70 - 130
1,2,3-Trichlorobenzene	5.00	4.77		ug/L		95	70 - 130
1,2,3-Trichloropropane	5.00	4.94		ug/L		99	70 - 130
1,2,4-Trichlorobenzene	5.00	4.70		ug/L		94	70 - 130
1,2,4-Trimethylbenzene	5.00	5.07		ug/L		101	70 - 130
1,2-Dichloroethane	5.00	5.04		ug/L		101	70 - 130
1,2-Dichloropropane	5.00	4.88		ug/L		98	70 - 130
1,3,5-Trimethylbenzene	5.00	4.79		ug/L		96	70 - 130
1,3-Dichloropropane	5.00	5.08		ug/L		102	70 - 130
2,2-Dichloropropane	5.00	4.93		ug/L		99	70 - 130
2-Butanone (MEK)	50.0	41.9		ug/L		84	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	46.5		ug/L		93	70 - 130
Benzene	5.00	4.89		ug/L		98	70 - 130
Bromobenzene	5.00	4.74		ug/L		95	70 - 130
Bromochloromethane	5.00	4.75		ug/L		95	70 - 130
Bromodichloromethane	5.00	4.43		ug/L		89	70 - 130
Bromoform	5.00	4.95		ug/L		99	70 - 130
Bromomethane (Methyl Bromide)	5.00	4.74		ug/L		95	70 - 130
Carbon disulfide	5.00	3.88		ug/L		78	70 - 130
Carbon tetrachloride	5.00	4.47		ug/L		89	70 - 130
Chlorobenzene	5.00	4.88		ug/L		98	70 - 130
Chlorodibromomethane	5.00	5.00		ug/L		100	70 - 130
cis-1,3-Dichloropropene	5.00	4.99		ug/L		100	70 - 130
Dichloromethane	5.00	4.58		ug/L		92	70 - 130
Ethylbenzene	5.00	5.10		ug/L		102	70 - 130
Hexachlorobutadiene	5.00	4.81		ug/L		96	70 - 130
Isopropylbenzene	5.00	4.69		ug/L		94	70 - 130
m,p-Xylenes	10.0	10.1		ug/L		101	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	4.84		ug/L		97	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	4.12		ug/L		82	70 - 130

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

Lab Sample ID: LCS 380-217892/5
Matrix: Water
Analysis Batch: 217892

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	5.00	4.86		ug/L		97	70 - 130
n-Butylbenzene	5.00	4.91		ug/L		98	70 - 130
N-Propylbenzene	5.00	4.75		ug/L		95	70 - 130
o-Chlorotoluene	5.00	4.97		ug/L		99	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	4.66		ug/L		93	70 - 130
o-Xylene	5.00	4.87		ug/L		97	70 - 130
p-Chlorotoluene	5.00	4.86		ug/L		97	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	4.73		ug/L		95	70 - 130
p-Isopropyltoluene	5.00	4.90		ug/L		98	70 - 130
sec-Butylbenzene	5.00	5.06		ug/L		101	70 - 130
Styrene	5.00	4.98		ug/L		100	70 - 130
Tert-amyl methyl ether	5.00	4.30		ug/L		86	70 - 130
1,3-Dichloropropene, Total	10.0	9.75		ug/L		98	70 - 130
Tert-butyl ethyl ether	5.00	4.50		ug/L		90	70 - 130
tert-Butylbenzene	5.00	4.84		ug/L		97	70 - 130
Tetrachloroethene (PCE)	5.00	4.83		ug/L		97	70 - 130
Toluene	5.00	4.82		ug/L		96	70 - 130
trans-1,2-Dichloroethylene	5.00	4.81		ug/L		96	70 - 130
trans-1,3-Dichloropropene	5.00	4.76		ug/L		95	70 - 130
Trichloroethylene (TCE)	5.00	4.86		ug/L		97	70 - 130
Bromoethane	5.00	4.11		ug/L		82	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	6.47		ug/L		129	70 - 130
Trichlorotrifluoroethane	5.00	4.89		ug/L		98	70 - 130
Diisopropyl ether	5.00	4.10		ug/L		82	70 - 130
Vinyl Chloride (VC)	5.00	4.92		ug/L		98	70 - 130
Xylenes, Total	15.0	15.0		ug/L		100	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 380-217892/6
Matrix: Water
Analysis Batch: 217892

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	4.63		ug/L		93	70 - 130	1	20
1,1,1-Trichloroethane	5.00	4.68		ug/L		94	70 - 130	1	20
1,1,2,2-Tetrachloroethane	5.00	4.68		ug/L		94	70 - 130	0	20
1,1,2-Trichloroethane	5.00	4.91		ug/L		98	70 - 130	2	20
1,1-Dichloroethane	5.00	4.70		ug/L		94	70 - 130	1	20
1,1-Dichlorethylene	5.00	4.76		ug/L		95	70 - 130	0	20
1,1-Dichloropropene	5.00	4.65		ug/L		93	70 - 130	1	20
1,2,3-Trichlorobenzene	5.00	5.08		ug/L		102	70 - 130	6	20
1,2,3-Trichloropropane	5.00	4.84		ug/L		97	70 - 130	2	20
1,2,4-Trichlorobenzene	5.00	4.94		ug/L		99	70 - 130	5	20
1,2,4-Trimethylbenzene	5.00	4.90		ug/L		98	70 - 130	3	20

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

Lab Sample ID: LCSD 380-217892/6
Matrix: Water
Analysis Batch: 217892

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-Dichloroethane			5.00	4.82		ug/L		96	70 - 130	4	20
1,2-Dichloropropane			5.00	4.87		ug/L		97	70 - 130	0	20
1,3,5-Trimethylbenzene			5.00	4.78		ug/L		96	70 - 130	0	20
1,3-Dichloropropane			5.00	4.91		ug/L		98	70 - 130	3	20
2,2-Dichloropropane			5.00	4.81		ug/L		96	70 - 130	3	20
2-Butanone (MEK)			50.0	43.9		ug/L		88	70 - 130	5	20
4-Methyl-2-pentanone (MIBK)			50.0	48.6		ug/L		97	70 - 130	4	20
Benzene			5.00	4.88		ug/L		98	70 - 130	0	20
Bromobenzene			5.00	4.57		ug/L		91	70 - 130	4	20
Bromochloromethane			5.00	4.80		ug/L		96	70 - 130	1	20
Bromodichloromethane			5.00	4.31		ug/L		86	70 - 130	3	20
Bromoform			5.00	4.85		ug/L		97	70 - 130	2	20
Bromomethane (Methyl Bromide)			5.00	4.38		ug/L		88	70 - 130	8	20
Carbon disulfide			5.00	4.14		ug/L		83	70 - 130	6	20
Carbon tetrachloride			5.00	4.39		ug/L		88	70 - 130	2	20
Chlorobenzene			5.00	4.95		ug/L		99	70 - 130	1	20
Chlorodibromomethane			5.00	4.93		ug/L		99	70 - 130	2	20
cis-1,3-Dichloropropene			5.00	4.91		ug/L		98	70 - 130	2	20
Dichloromethane			5.00	4.68		ug/L		94	70 - 130	2	20
Ethylbenzene			5.00	5.14		ug/L		103	70 - 130	1	20
Hexachlorobutadiene			5.00	5.17		ug/L		103	70 - 130	7	20
Isopropylbenzene			5.00	4.73		ug/L		95	70 - 130	1	20
m,p-Xylenes			10.0	10.1		ug/L		101	70 - 130	0	20
m-Dichlorobenzene (1,3-DCB)			5.00	4.79		ug/L		96	70 - 130	1	20
Methyl-tert-butyl Ether (MTBE)			5.00	4.22		ug/L		84	70 - 130	2	20
Naphthalene			5.00	5.43		ug/L		109	70 - 130	11	20
n-Butylbenzene			5.00	5.16		ug/L		103	70 - 130	5	20
N-Propylbenzene			5.00	4.74		ug/L		95	70 - 130	0	20
o-Chlorotoluene			5.00	4.89		ug/L		98	70 - 130	2	20
o-Dichlorobenzene (1,2-DCB)			5.00	4.96		ug/L		99	70 - 130	6	20
o-Xylene			5.00	4.88		ug/L		98	70 - 130	0	20
p-Chlorotoluene			5.00	4.74		ug/L		95	70 - 130	2	20
p-Dichlorobenzene (1,4-DCB)			5.00	4.63		ug/L		93	70 - 130	2	20
p-Isopropyltoluene			5.00	4.82		ug/L		96	70 - 130	2	20
sec-Butylbenzene			5.00	4.94		ug/L		99	70 - 130	2	20
Styrene			5.00	4.80		ug/L		96	70 - 130	4	20
Tert-amyl methyl ether			5.00	4.26		ug/L		85	70 - 130	1	20
1,3-Dichloropropene, Total			10.0	9.70		ug/L		97	70 - 130	1	20
Tert-butyl ethyl ether			5.00	4.46		ug/L		89	70 - 130	1	20
tert-Butylbenzene			5.00	4.84		ug/L		97	70 - 130	0	20
Tetrachloroethene (PCE)			5.00	4.83		ug/L		97	70 - 130	0	20
Toluene			5.00	4.84		ug/L		97	70 - 130	1	20
trans-1,2-Dichloroethylene			5.00	4.71		ug/L		94	70 - 130	2	20
trans-1,3-Dichloropropene			5.00	4.79		ug/L		96	70 - 130	1	20
Trichloroethylene (TCE)			5.00	4.81		ug/L		96	70 - 130	1	20
Bromoethane			5.00	4.10		ug/L		82	70 - 130	0	20
Trichlorofluoromethane (Freon 11)			5.00	6.27		ug/L		125	70 - 130	3	20
Trichlorotrifluoroethane			5.00	4.66		ug/L		93	70 - 130	5	20

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

Lab Sample ID: LCSD 380-217892/6
Matrix: Water
Analysis Batch: 217892

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
Diisopropyl ether			5.00	4.15		ug/L		83	70 - 130	1	20
Vinyl Chloride (VC)			5.00	4.59		ug/L		92	70 - 130	7	20
Xylenes, Total			15.0	15.0		ug/L		100	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: MRL 380-217892/3
Matrix: Water
Analysis Batch: 217892

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	0.593		ug/L		119	50 - 150		
Vinyl Chloride (VC)			0.250	0.290	J	ug/L		116	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: MRL 380-217892/4
Matrix: Water
Analysis Batch: 217892

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	0.396	J	ug/L		79	50 - 150		
1,1,1-Trichloroethane			0.500	0.451	J	ug/L		90	50 - 150		
1,1,2,2-Tetrachloroethane			0.500	0.492	J	ug/L		98	50 - 150		
1,1,2-Trichloroethane			0.500	0.463	J	ug/L		93	50 - 150		
1,1-Dichloroethane			0.500	0.503		ug/L		101	50 - 150		
1,1-Dichlorethylene			0.500	0.533		ug/L		107	50 - 150		
1,1-Dichloropropene			0.500	0.516		ug/L		103	50 - 150		
1,2,3-Trichlorobenzene			0.500	0.538		ug/L		108	50 - 150		
1,2,3-Trichloropropane			0.500	0.536		ug/L		107	50 - 150		
1,2,4-Trichlorobenzene			0.500	0.477	J	ug/L		95	50 - 150		
1,2,4-Trimethylbenzene			0.500	0.494	J	ug/L		99	50 - 150		
1,2-Dichloroethane			0.500	0.517		ug/L		103	50 - 150		
1,2-Dichloropropane			0.500	0.497	J	ug/L		99	50 - 150		
1,3,5-Trimethylbenzene			0.500	0.482	J	ug/L		96	50 - 150		
1,3-Dichloropropane			0.500	0.493	J	ug/L		99	50 - 150		
2,2-Dichloropropane			0.500	0.471	J	ug/L		94	50 - 150		
2-Butanone (MEK)			5.00	3.76	J	ug/L		75	50 - 150		
4-Methyl-2-pentanone (MIBK)			5.00	5.29		ug/L		106	50 - 150		
Benzene			0.500	0.497	J	ug/L		99	50 - 150		
Bromobenzene			0.500	0.483	J	ug/L		97	50 - 150		
Bromochloromethane			0.500	0.501		ug/L		100	50 - 150		

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

Lab Sample ID: MRL 380-217892/4
Matrix: Water
Analysis Batch: 217892

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	0.500	0.402	J	ug/L		80	50 - 150
Bromoform	0.500	0.500		ug/L		100	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.558		ug/L		112	50 - 150
Carbon disulfide	0.500	0.404	J	ug/L		81	50 - 150
Carbon tetrachloride	0.500	0.438	J	ug/L		88	50 - 150
Chlorobenzene	0.500	0.477	J	ug/L		95	50 - 150
Chlorodibromomethane	0.500	0.553		ug/L		111	50 - 150
cis-1,3-Dichloropropene	0.500	0.398	J	ug/L		80	50 - 150
Dichloromethane	0.500	0.497	J	ug/L		99	50 - 150
Ethylbenzene	0.500	0.509		ug/L		102	50 - 150
Hexachlorobutadiene	0.500	0.529		ug/L		106	50 - 150
Isopropylbenzene	0.500	0.502		ug/L		100	50 - 150
m,p-Xylenes	1.00	1.02		ug/L		102	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.502		ug/L		100	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.479	J	ug/L		96	50 - 150
Naphthalene	0.500	0.517		ug/L		103	50 - 150
n-Butylbenzene	0.500	0.500		ug/L		100	50 - 150
N-Propylbenzene	0.500	0.518		ug/L		104	50 - 150
o-Chlorotoluene	0.500	0.499	J	ug/L		100	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.490	J	ug/L		98	50 - 150
o-Xylene	0.500	0.497	J	ug/L		99	50 - 150
p-Chlorotoluene	0.500	0.511		ug/L		102	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.480	J	ug/L		96	50 - 150
p-Isopropyltoluene	0.500	0.486	J	ug/L		97	50 - 150
sec-Butylbenzene	0.500	0.510		ug/L		102	50 - 150
Styrene	0.500	0.439	J	ug/L		88	50 - 150
Tert-amyl methyl ether	0.500	0.503	J	ug/L		101	50 - 150
1,3-Dichloropropene, Total	1.00	0.769		ug/L		77	50 - 150
Tert-butyl ethyl ether	0.500	0.493	J	ug/L		99	50 - 150
tert-Butylbenzene	0.500	0.499	J	ug/L		100	50 - 150
Tetrachloroethene (PCE)	0.500	0.495	J	ug/L		99	50 - 150
Toluene	0.500	0.502		ug/L		100	50 - 150
trans-1,2-Dichloroethylene	0.500	0.500		ug/L		100	50 - 150
trans-1,3-Dichloropropene	0.500	0.371	J	ug/L		74	50 - 150
Trichloroethylene (TCE)	0.500	0.472	J	ug/L		94	50 - 150
Bromoethane	0.500	0.473	J	ug/L		95	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.552		ug/L		110	50 - 150
Trichlorotrifluoroethane	0.500	0.535		ug/L		107	50 - 150
Diisopropyl ether	0.500	0.512	J	ug/L		102	50 - 150
Vinyl Chloride (VC)	0.500	0.503		ug/L		101	50 - 150
Xylenes, Total	1.50	1.51		ug/L		101	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

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

Lab Sample ID: 380-206028-A-9 MSD
Matrix: Water
Analysis Batch: 217892

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
1,1,1,2-Tetrachloroethane	<0.50		10.0	10.3		ug/L		103	70 - 130	8	20
1,1,1-Trichloroethane	<0.50		10.0	10.8		ug/L		108	70 - 130	2	20
1,1,2,2-Tetrachloroethane	<0.50		10.0	9.83		ug/L		98	70 - 130	7	20
1,1,2-Trichloroethane	<0.50		10.0	10.9		ug/L		109	70 - 130	2	20
1,1-Dichloroethane	<0.50		10.0	10.4		ug/L		104	70 - 130	1	20
1,1-Dichlorethylene	<0.50		10.0	10.7		ug/L		107	70 - 130	5	20
1,1-Dichloropropene	<0.50		10.0	10.5		ug/L		105	70 - 130	4	20
1,2,3-Trichlorobenzene	<0.50		10.0	10.9		ug/L		109	70 - 130	2	20
1,2,3-Trichloropropane	<0.50		10.0	10.3		ug/L		103	70 - 130	7	20
1,2,4-Trichlorobenzene	<0.50		10.0	11.0		ug/L		110	70 - 130	4	20
1,2,4-Trimethylbenzene	<0.50		10.0	11.1		ug/L		111	70 - 130	6	20
1,2-Dichloroethane	<0.50		10.0	10.7		ug/L		107	70 - 130	2	20
1,2-Dichloropropane	<0.50		10.0	10.5		ug/L		105	70 - 130	3	20
1,3,5-Trimethylbenzene	<0.50		10.0	10.7		ug/L		107	70 - 130	6	20
1,3-Dichloropropane	<0.50		10.0	10.6		ug/L		106	70 - 130	6	20
2,2-Dichloropropane	<0.50		10.0	10.8		ug/L		108	70 - 130	10	20
2-Butanone (MEK)	<5.0		100	103		ug/L		103	70 - 130	2	20
4-Methyl-2-pentanone (MIBK)	<5.0		100	100		ug/L		100	70 - 130	7	20
Benzene	<0.50		10.0	10.8		ug/L		108	70 - 130	4	20
Bromobenzene	<0.50		10.0	10.2		ug/L		102	70 - 130	5	20
Bromochloromethane	<0.50		10.0	10.5		ug/L		105	70 - 130	4	20
Bromodichloromethane	<0.50		10.0	10.0		ug/L		100	70 - 130	1	20
Bromoform	<0.50		10.0	9.60		ug/L		96	70 - 130	5	20
Bromomethane (Methyl Bromide)	<0.50		10.0	9.92		ug/L		99	70 - 130	5	20
Carbon disulfide	<0.50		10.0	9.14		ug/L		91	70 - 130	2	20
Carbon tetrachloride	<0.50		10.0	10.6		ug/L		106	70 - 130	3	20
Chlorobenzene	<0.50		10.0	10.6		ug/L		106	70 - 130	5	20
Chlorodibromomethane	<0.50		10.0	10.5		ug/L		105	70 - 130	1	20
cis-1,3-Dichloropropene	<0.50		10.0	11.1		ug/L		111	70 - 130	3	20
Dichloromethane	<0.50		10.0	10.1		ug/L		101	70 - 130	5	20
Ethylbenzene	<0.50		10.0	11.2		ug/L		112	70 - 130	3	20
Hexachlorobutadiene	<0.50		10.0	11.5		ug/L		115	70 - 130	1	20
Isopropylbenzene	<0.50		10.0	10.7		ug/L		107	70 - 130	2	20
m,p-Xylenes	<0.50		20.0	22.4		ug/L		112	70 - 130	3	20
m-Dichlorobenzene (1,3-DCB)	<0.50		10.0	10.2		ug/L		102	70 - 130	6	20
Methyl-tert-butyl Ether (MTBE)	<0.50		10.0	8.81		ug/L		88	70 - 130	5	20
Naphthalene	<0.50		10.0	11.5		ug/L		115	70 - 130	3	20
n-Butylbenzene	<0.50		10.0	11.4		ug/L		114	70 - 130	2	20
N-Propylbenzene	<0.50		10.0	10.5		ug/L		105	70 - 130	6	20
o-Chlorotoluene	<0.50		10.0	10.6		ug/L		106	70 - 130	5	20
o-Dichlorobenzene (1,2-DCB)	<0.50		10.0	10.7		ug/L		107	70 - 130	4	20
o-Xylene	<0.50		10.0	10.7		ug/L		107	70 - 130	4	20
p-Chlorotoluene	<0.50		10.0	10.4		ug/L		104	70 - 130	6	20
p-Dichlorobenzene (1,4-DCB)	<0.50		10.0	10.1		ug/L		101	70 - 130	6	20
p-Isopropyltoluene	<0.50		10.0	10.8		ug/L		108	70 - 130	5	20
sec-Butylbenzene	<0.50		10.0	10.9		ug/L		109	70 - 130	6	20
Styrene	<0.50		10.0	11.4		ug/L		114	70 - 130	2	20
Tert-amyl methyl ether	<3.0		10.0	9.10		ug/L		91	70 - 130	5	20

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

Lab Sample ID: 380-206028-A-9 MSD
Matrix: Water
Analysis Batch: 217892

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
1,3-Dichloropropene, Total	<0.50		20.0	22.2		ug/L		111	70 - 130	2	20
Tert-butyl ethyl ether	<3.0		10.0	9.51		ug/L		95	70 - 130	5	20
tert-Butylbenzene	<0.50		10.0	10.8		ug/L		108	70 - 130	5	20
Tetrachloroethene (PCE)	<0.50		10.0	11.1		ug/L		111	70 - 130	2	20
Toluene	<0.50		10.0	10.8		ug/L		108	70 - 130	2	20
trans-1,2-Dichloroethylene	<0.50		10.0	10.7		ug/L		107	70 - 130	4	20
trans-1,3-Dichloropropene	<0.50		10.0	11.1		ug/L		111	70 - 130	2	20
Trichloroethylene (TCE)	1.3		10.0	12.3		ug/L		111	70 - 130	4	20
Bromoethane	<0.50		10.0	9.03		ug/L		90	70 - 130	2	20
Trichlorofluoromethane (Freon 11)	<0.50		10.0	11.3		ug/L		113	70 - 130	13	20
Trichlorotrifluoroethane	<0.50		10.0	10.6		ug/L		106	70 - 130	4	20
Diisopropyl ether	<3.0		10.0	8.75		ug/L		87	70 - 130	5	20
Vinyl Chloride (VC)	<0.30		10.0	10.5		ug/L		105	70 - 130	3	20
Xylenes, Total	<0.50		30.0	33.1		ug/L		110	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
Toluene-d8 (Surr)	*101*		*70 - 130*

Lab Sample ID: 380-206028-B-9 MS
Matrix: Water
Analysis Batch: 217892

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
1,1,1,2-Tetrachloroethane	<0.50		10.0	11.1		ug/L		111	70 - 130
1,1,1-Trichloroethane	<0.50		10.0	11.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	<0.50		10.0	10.5		ug/L		105	70 - 130
1,1,2-Trichloroethane	<0.50		10.0	11.1		ug/L		111	70 - 130
1,1-Dichloroethane	<0.50		10.0	10.5		ug/L		105	70 - 130
1,1-Dichlorethylene	<0.50		10.0	11.2		ug/L		112	70 - 130
1,1-Dichloropropene	<0.50		10.0	10.9		ug/L		109	70 - 130
1,2,3-Trichlorobenzene	<0.50		10.0	10.6		ug/L		106	70 - 130
1,2,3-Trichloropropane	<0.50		10.0	11.0		ug/L		110	70 - 130
1,2,4-Trichlorobenzene	<0.50		10.0	10.6		ug/L		106	70 - 130
1,2,4-Trimethylbenzene	<0.50		10.0	11.8		ug/L		118	70 - 130
1,2-Dichloroethane	<0.50		10.0	11.0		ug/L		110	70 - 130
1,2-Dichloropropane	<0.50		10.0	10.9		ug/L		109	70 - 130
1,3,5-Trimethylbenzene	<0.50		10.0	11.4		ug/L		114	70 - 130
1,3-Dichloropropane	<0.50		10.0	11.3		ug/L		113	70 - 130
2,2-Dichloropropane	<0.50		10.0	11.9		ug/L		119	70 - 130
2-Butanone (MEK)	<5.0		100	101		ug/L		101	70 - 130
4-Methyl-2-pentanone (MIBK)	<5.0		100	107		ug/L		107	70 - 130
Benzene	<0.50		10.0	11.2		ug/L		112	70 - 130
Bromobenzene	<0.50		10.0	10.7		ug/L		107	70 - 130
Bromochloromethane	<0.50		10.0	10.9		ug/L		109	70 - 130
Bromodichloromethane	<0.50		10.0	10.1		ug/L		101	70 - 130
Bromoform	<0.50		10.0	10.0		ug/L		100	70 - 130

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

Lab Sample ID: 380-206028-B-9 MS
Matrix: Water
Analysis Batch: 217892

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
Bromomethane (Methyl Bromide)	<0.50		10.0	10.4		ug/L		104	70 - 130
Carbon disulfide	<0.50		10.0	9.36		ug/L		94	70 - 130
Carbon tetrachloride	<0.50		10.0	10.9		ug/L		109	70 - 130
Chlorobenzene	<0.50		10.0	11.1		ug/L		111	70 - 130
Chlorodibromomethane	<0.50		10.0	10.6		ug/L		106	70 - 130
cis-1,3-Dichloropropene	<0.50		10.0	11.3		ug/L		113	70 - 130
Dichloromethane	<0.50		10.0	10.6		ug/L		106	70 - 130
Ethylbenzene	<0.50		10.0	11.6		ug/L		116	70 - 130
Hexachlorobutadiene	<0.50		10.0	11.3		ug/L		113	70 - 130
Isopropylbenzene	<0.50		10.0	10.9		ug/L		109	70 - 130
m,p-Xylenes	<0.50		20.0	23.1		ug/L		115	70 - 130
m-Dichlorobenzene (1,3-DCB)	<0.50		10.0	10.9		ug/L		109	70 - 130
Methyl-tert-butyl Ether (MTBE)	<0.50		10.0	9.27		ug/L		93	70 - 130
Naphthalene	<0.50		10.0	11.1		ug/L		111	70 - 130
n-Butylbenzene	<0.50		10.0	11.2		ug/L		112	70 - 130
N-Propylbenzene	<0.50		10.0	11.1		ug/L		111	70 - 130
o-Chlorotoluene	<0.50		10.0	11.1		ug/L		111	70 - 130
o-Dichlorobenzene (1,2-DCB)	<0.50		10.0	10.4		ug/L		104	70 - 130
o-Xylene	<0.50		10.0	11.1		ug/L		111	70 - 130
p-Chlorotoluene	<0.50		10.0	11.0		ug/L		110	70 - 130
p-Dichlorobenzene (1,4-DCB)	<0.50		10.0	10.7		ug/L		107	70 - 130
p-Isopropyltoluene	<0.50		10.0	11.3		ug/L		113	70 - 130
sec-Butylbenzene	<0.50		10.0	11.7		ug/L		117	70 - 130
Styrene	<0.50		10.0	11.7		ug/L		117	70 - 130
Tert-amyl methyl ether	<3.0		10.0	9.54		ug/L		95	70 - 130
1,3-Dichloropropene, Total	<0.50		20.0	22.6		ug/L		113	70 - 130
Tert-butyl ethyl ether	<3.0		10.0	10.0		ug/L		100	70 - 130
tert-Butylbenzene	<0.50		10.0	11.4		ug/L		114	70 - 130
Tetrachloroethene (PCE)	<0.50		10.0	11.2		ug/L		112	70 - 130
Toluene	<0.50		10.0	11.0		ug/L		110	70 - 130
trans-1,2-Dichloroethylene	<0.50		10.0	11.1		ug/L		111	70 - 130
trans-1,3-Dichloropropene	<0.50		10.0	11.3		ug/L		113	70 - 130
Trichloroethylene (TCE)	1.3		10.0	12.8		ug/L		115	70 - 130
Bromoethane	<0.50		10.0	9.24		ug/L		92	70 - 130
Trichlorofluoromethane (Freon 11)	<0.50		10.0	12.9		ug/L		129	70 - 130
Trichlorotrifluoroethane	<0.50		10.0	10.9		ug/L		109	70 - 130
Diisopropyl ether	<3.0		10.0	9.16		ug/L		92	70 - 130
Vinyl Chloride (VC)	<0.30		10.0	10.9		ug/L		109	70 - 130
Xylenes, Total	<0.50		30.0	34.2		ug/L		114	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
Toluene-d8 (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 380-218267/15
Matrix: Water
Analysis Batch: 218267

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<500		500		ug/L			04/07/26 15:23	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*		*04/07/26 15:23*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*04/07/26 15:23*	*1*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*		*04/07/26 15:23*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*04/07/26 15:23*	*1*

Lab Sample ID: LCS 380-218267/11
Matrix: Water
Analysis Batch: 218267

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			50.0	57.4	J	ug/L		115	70 - 130		

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

Lab Sample ID: LCSD 380-218267/12
Matrix: Water
Analysis Batch: 218267

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
Acetone			50.0	45.6	J *1	ug/L		91	70 - 130	23	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*90*		*70 - 130*

Lab Sample ID: MRL 380-218267/13
Matrix: Water
Analysis Batch: 218267

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

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
Toluene-d8 (Surr)	*92*		*70 - 130*

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

Lab Sample ID: MRL 380-218267/14
Matrix: Water
Analysis Batch: 218267

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	5.82	J	ug/L		116	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 380-218352/5
Matrix: Water
Analysis Batch: 218352

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Tertiary Butyl Alcohol (TBA)	<2.0		2.0		ug/L			04/07/26 23:38	1
Acetone	<500		500		ug/L			04/07/26 23:38	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.610*	*T J*	*ug/L*		*1.44*	*N/A*		*04/07/26 23:38*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*04/07/26 23:38*	*1*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*04/07/26 23:38*	*1*
Toluene-d8 (Surr)	*88*		*70 - 130*		*04/07/26 23:38*	*1*

Lab Sample ID: LCS 380-218352/3
Matrix: Water
Analysis Batch: 218352

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acetone			50.0	48.9	J	ug/L		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
Toluene-d8 (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 380-218352/4
Matrix: Water
Analysis Batch: 218352

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
Acetone			50.0	47.2	J	ug/L		94	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 380-218277/21-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218277

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
2,4'-DDE	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
2,4'-DDT	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
4,4'-DDD	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
4,4'-DDE	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
4,4'-DDT	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Acenaphthene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Acenaphthylene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Acetochlor	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Alachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
alpha-BHC	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
alpha-Chlordane	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Anthracene	<0.019		0.019		ug/L		04/07/26 10:44	04/08/26 14:01	1
Atrazine	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Benzo[a]pyrene	<0.019		0.019		ug/L		04/07/26 10:44	04/08/26 14:01	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		04/07/26 10:44	04/08/26 14:01	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		04/07/26 10:44	04/08/26 14:01	1
beta-BHC	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		04/07/26 10:44	04/08/26 14:01	1
Aldrin	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Bromacil	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Butachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 14:01	1
Chlorobenzilate	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Chloroneb	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Chlorpyrifos	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Chrysene	<0.019		0.019		ug/L		04/07/26 10:44	04/08/26 14:01	1
delta-BHC	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		04/07/26 10:44	04/08/26 14:01	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Dieldrin	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Diethylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 14:01	1
Dimethylphthalate	<0.49		0.49		ug/L		04/07/26 10:44	04/08/26 14:01	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		04/07/26 10:44	04/08/26 14:01	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Endosulfan sulfate	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Endrin	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Endrin aldehyde	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
EPTC	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Fluoranthene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1

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

Lab Sample ID: MB 380-218277/21-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218277

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
gamma-BHC (Lindane)	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
gamma-Chlordane	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Heptachlor	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Isophorone	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Malathion	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Methoxychlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Metolachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Molinate	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Naphthalene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Parathion	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Phenanthrene	<0.039		0.039		ug/L		04/07/26 10:44	04/08/26 14:01	1
Propachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Pyrene	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Simazine	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Terbacil	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Terbuthylazine	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Thiobencarb	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		04/07/26 10:44	04/08/26 14:01	1
trans-Nonachlor	<0.049		0.049		ug/L		04/07/26 10:44	04/08/26 14:01	1
Trifluralin	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
1-Methylnaphthalene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1
2-Methylnaphthalene	<0.097		0.097		ug/L		04/07/26 10:44	04/08/26 14:01	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*5.09*	*T J N*	*ug/L*		*3.13*	*1120-21-4*	*04/07/26 10:44*	*04/08/26 14:01*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.615*	*T J N*	*ug/L*		*3.88*	*540-97-6*	*04/07/26 10:44*	*04/08/26 14:01*	*1*
9-Octadecenamide, (Z)-	*1.38*	*T J N*	*ug/L*		*7.90*	*301-02-0*	*04/07/26 10:44*	*04/08/26 14:01*	*1*
13-Docosenamide, (Z)-	*0.934*	*T J N*	*ug/L*		*10.44*	*112-84-5*	*04/07/26 10:44*	*04/08/26 14:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*04/07/26 10:44*	*04/08/26 14:01*	*1*
Perylene-d12	*94*		*70 - 130*	*04/07/26 10:44*	*04/08/26 14:01*	*1*
Triphenylphosphate	*97*		*70 - 130*	*04/07/26 10:44*	*04/08/26 14:01*	*1*

Lab Sample ID: LCS 380-218277/23-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4'-DDD			1.95	2.10		ug/L		108	70 - 130		
2,4'-DDE			1.95	2.12		ug/L		108	70 - 130		
2,4'-DDT			1.95	2.04		ug/L		104	70 - 130		

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

Lab Sample ID: LCS 380-218277/23-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	1.95	2.10		ug/L		108	70 - 130
2,6-Dinitrotoluene	1.95	2.00		ug/L		103	70 - 130
4,4'-DDD	1.95	2.22		ug/L		114	70 - 130
4,4'-DDE	1.95	1.84		ug/L		94	70 - 130
4,4'-DDT	1.95	2.26		ug/L		116	70 - 130
Acenaphthene	1.95	1.91		ug/L		98	70 - 130
Acenaphthylene	1.95	2.08		ug/L		106	70 - 130
Acetochlor	1.95	2.21		ug/L		114	70 - 130
Alachlor	1.95	2.26		ug/L		116	70 - 130
alpha-BHC	1.95	1.96		ug/L		101	70 - 130
alpha-Chlordane	1.95	2.03		ug/L		104	70 - 130
Anthracene	1.95	2.06		ug/L		106	70 - 130
Atrazine	1.95	2.15		ug/L		110	70 - 130
Benz(a)anthracene	1.95	2.07		ug/L		106	70 - 130
Benzo[a]pyrene	1.95	2.10		ug/L		108	70 - 130
Benzo[b]fluoranthene	1.95	2.17		ug/L		111	70 - 130
Benzo[g,h,i]perylene	1.95	1.91		ug/L		98	70 - 130
Benzo[k]fluoranthene	1.95	1.97		ug/L		101	70 - 130
beta-BHC	1.95	2.07		ug/L		106	70 - 130
Bis(2-ethylhexyl) phthalate	1.95	1.99		ug/L		102	70 - 130
Aldrin	1.95	1.93		ug/L		99	70 - 130
Bromacil	1.95	2.01		ug/L		103	70 - 130
Butachlor	1.95	2.31		ug/L		118	70 - 130
Butylbenzylphthalate	1.95	2.22		ug/L		114	70 - 130
Chlorobenzilate	1.95	2.17		ug/L		111	70 - 130
Chloroneb	1.95	2.00		ug/L		103	70 - 130
Chlorothalonil (Draconil, Bravo)	1.95	2.02		ug/L		104	70 - 130
Chlorpyrifos	1.95	2.29		ug/L		117	70 - 130
Chrysene	1.95	2.19		ug/L		112	70 - 130
delta-BHC	1.95	1.97		ug/L		101	70 - 130
Di(2-ethylhexyl)adipate	1.95	2.12		ug/L		109	70 - 130
Dibenz(a,h)anthracene	1.95	1.92		ug/L		98	70 - 130
Diclorvos (DDVP)	1.95	2.12		ug/L		109	70 - 130
Dieldrin	1.95	2.11		ug/L		108	70 - 130
Diethylphthalate	1.95	2.21		ug/L		113	70 - 130
Dimethylphthalate	1.95	2.08		ug/L		107	70 - 130
Di-n-butyl phthalate	3.90	4.15		ug/L		106	70 - 130
Di-n-octyl phthalate	1.95	1.96		ug/L		100	70 - 130
Endosulfan I (Alpha)	1.95	2.07		ug/L		106	70 - 130
Endosulfan II (Beta)	1.95	2.05		ug/L		105	70 - 130
Endosulfan sulfate	1.95	1.98		ug/L		101	70 - 130
Endrin	1.95	2.34		ug/L		120	70 - 130
Endrin aldehyde	1.95	2.06		ug/L		105	60 - 130
EPTC	1.95	2.12		ug/L		109	70 - 130
Fluoranthene	1.95	2.18		ug/L		112	70 - 130
Fluorene	1.95	2.04		ug/L		104	70 - 130
gamma-BHC (Lindane)	1.95	2.22		ug/L		114	70 - 130
gamma-Chlordane	1.95	2.11		ug/L		108	70 - 130
Heptachlor	1.95	1.97		ug/L		101	70 - 130

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

Lab Sample ID: LCS 380-218277/23-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor epoxide (isomer B)			1.95	1.98		ug/L		102	70 - 130		
Hexachlorobenzene			1.95	1.86		ug/L		95	70 - 130		
Hexachlorocyclopentadiene			1.95	1.85		ug/L		95	70 - 130		
Indeno[1,2,3-cd]pyrene			1.95	1.97		ug/L		101	70 - 130		
Isophorone			1.95	2.03		ug/L		104	70 - 130		
Malathion			1.95	2.10		ug/L		108	70 - 130		
Methoxychlor			1.95	2.28		ug/L		117	70 - 130		
Metolachlor			1.95	2.27		ug/L		116	70 - 130		
Molinate			1.95	2.18		ug/L		112	70 - 130		
Naphthalene			1.95	2.01		ug/L		103	70 - 130		
Parathion			1.95	2.29		ug/L		117	70 - 130		
Pendimethalin (Penoxaline)			1.95	2.15		ug/L		110	70 - 130		
Phenanthrene			1.95	1.95		ug/L		100	70 - 130		
Propachlor			1.95	2.26		ug/L		116	70 - 130		
Pyrene			1.95	2.25		ug/L		115	70 - 130		
Simazine			1.95	2.05		ug/L		105	70 - 130		
Terbacil			1.95	2.10		ug/L		108	70 - 130		
Terbuthylazine			1.95	2.13		ug/L		109	70 - 130		
Thiobencarb			1.95	2.22		ug/L		114	70 - 130		
trans-Nonachlor			1.95	2.00		ug/L		103	70 - 130		
Trifluralin			1.95	1.93		ug/L		99	70 - 130		
1-Methylnaphthalene			1.95	1.86		ug/L		95	70 - 130		
2-Methylnaphthalene			1.95	1.95		ug/L		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

Lab Sample ID: LCSD 380-218277/24-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4'-DDD			1.95	2.13		ug/L		109	70 - 130	1	20
2,4'-DDE			1.95	2.14		ug/L		110	70 - 130	1	20
2,4'-DDT			1.95	2.05		ug/L		105	70 - 130	1	20
2,4-Dinitrotoluene			1.95	2.04		ug/L		105	70 - 130	3	20
2,6-Dinitrotoluene			1.95	2.01		ug/L		103	70 - 130	1	20
4,4'-DDD			1.95	2.24		ug/L		115	70 - 130	1	20
4,4'-DDE			1.95	1.86		ug/L		95	70 - 130	1	20
4,4'-DDT			1.95	2.24		ug/L		115	70 - 130	1	20
Acenaphthene			1.95	1.92		ug/L		99	70 - 130	0	20
Acenaphthylene			1.95	2.04		ug/L		105	70 - 130	2	20
Acetochlor			1.95	2.27		ug/L		116	70 - 130	2	20
Alachlor			1.95	2.30		ug/L		118	70 - 130	2	20
alpha-BHC			1.95	2.00		ug/L		102	70 - 130	2	20
alpha-Chlordane			1.95	2.12		ug/L		109	70 - 130	4	20

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

Lab Sample ID: LCSD 380-218277/24-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			1.95	2.03		ug/L		104	70 - 130	1	20
Atrazine			1.95	2.17		ug/L		111	70 - 130	1	20
Benz(a)anthracene			1.95	2.06		ug/L		106	70 - 130	1	20
Benzo[a]pyrene			1.95	2.13		ug/L		109	70 - 130	1	20
Benzo[b]fluoranthene			1.95	2.16		ug/L		111	70 - 130	1	20
Benzo[g,h,i]perylene			1.95	2.00		ug/L		103	70 - 130	5	20
Benzo[k]fluoranthene			1.95	2.00		ug/L		103	70 - 130	2	20
beta-BHC			1.95	2.13		ug/L		109	70 - 130	3	20
Bis(2-ethylhexyl) phthalate			1.95	2.00		ug/L		103	70 - 130	1	20
Aldrin			1.95	1.96		ug/L		100	70 - 130	2	20
Bromacil			1.95	1.97		ug/L		101	70 - 130	2	20
Butachlor			1.95	2.39		ug/L		122	70 - 130	3	20
Butylbenzylphthalate			1.95	2.24		ug/L		115	70 - 130	1	20
Chlorobenzilate			1.95	2.20		ug/L		113	70 - 130	2	20
Chloroneb			1.95	2.04		ug/L		105	70 - 130	2	20
Chlorothalonil (Draconil, Bravo)			1.95	2.11		ug/L		108	70 - 130	4	20
Chlorpyrifos			1.95	2.35		ug/L		121	70 - 130	3	20
Chrysene			1.95	2.18		ug/L		112	70 - 130	0	20
delta-BHC			1.95	1.98		ug/L		102	70 - 130	1	20
Di(2-ethylhexyl)adipate			1.95	2.13		ug/L		109	70 - 130	1	20
Dibenz(a,h)anthracene			1.95	1.98		ug/L		102	70 - 130	3	20
Diclorvos (DDVP)			1.95	2.11		ug/L		108	70 - 130	0	20
Dieldrin			1.95	2.21		ug/L		113	70 - 130	5	20
Diethylphthalate			1.95	2.24		ug/L		115	70 - 130	2	20
Dimethylphthalate			1.95	2.11		ug/L		108	70 - 130	1	20
Di-n-butyl phthalate			3.90	4.22		ug/L		108	70 - 130	2	20
Di-n-octyl phthalate			1.95	2.00		ug/L		102	70 - 130	2	20
Endosulfan I (Alpha)			1.95	2.13		ug/L		109	70 - 130	3	20
Endosulfan II (Beta)			1.95	2.09		ug/L		107	70 - 130	2	20
Endosulfan sulfate			1.95	2.03		ug/L		104	70 - 130	3	20
Endrin			1.95	2.36		ug/L		121	70 - 130	1	20
Endrin aldehyde			1.95	2.10		ug/L		108	60 - 130	2	20
EPTC			1.95	2.19		ug/L		112	70 - 130	3	20
Fluoranthene			1.95	2.21		ug/L		113	70 - 130	1	20
Fluorene			1.95	2.04		ug/L		104	70 - 130	0	20
gamma-BHC (Lindane)			1.95	2.25		ug/L		115	70 - 130	1	20
gamma-Chlordane			1.95	2.19		ug/L		112	70 - 130	4	20
Heptachlor			1.95	2.00		ug/L		103	70 - 130	2	20
Heptachlor epoxide (isomer B)			1.95	2.08		ug/L		107	70 - 130	5	20
Hexachlorobenzene			1.95	1.87		ug/L		96	70 - 130	1	20
Hexachlorocyclopentadiene			1.95	1.80		ug/L		93	70 - 130	3	20
Indeno[1,2,3-cd]pyrene			1.95	2.03		ug/L		104	70 - 130	3	20
Isophorone			1.95	2.12		ug/L		109	70 - 130	4	20
Malathion			1.95	2.16		ug/L		111	70 - 130	3	20
Methoxychlor			1.95	2.24		ug/L		115	70 - 130	2	20
Metolachlor			1.95	2.35		ug/L		120	70 - 130	4	20
Molinate			1.95	2.22		ug/L		114	70 - 130	2	20
Naphthalene			1.95	2.06		ug/L		105	70 - 130	2	20
Parathion			1.95	2.31		ug/L		119	70 - 130	1	20

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

Lab Sample ID: LCSD 380-218277/24-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pendimethalin (Penoxaline)			1.95	2.16		ug/L		111	70 - 130	0	20
Phenanthrene			1.95	1.94		ug/L		100	70 - 130	0	20
Propachlor			1.95	2.33		ug/L		119	70 - 130	3	20
Pyrene			1.95	2.28		ug/L		117	70 - 130	1	20
Simazine			1.95	2.04		ug/L		105	70 - 130	1	20
Terbacil			1.95	2.03		ug/L		104	70 - 130	4	20
Terbuthylazine			1.95	2.16		ug/L		111	70 - 130	1	20
Thiobencarb			1.95	2.26		ug/L		116	70 - 130	2	20
trans-Nonachlor			1.95	2.08		ug/L		107	70 - 130	4	20
Trifluralin			1.95	1.99		ug/L		102	70 - 130	3	20
1-Methylnaphthalene			1.95	1.89		ug/L		97	70 - 130	2	20
2-Methylnaphthalene			1.95	1.97		ug/L		101	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*106*		*70 - 130*

Lab Sample ID: MRL 380-218277/22-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
2,4'-DDD			0.0975	0.0922	J	ug/L		95	50 - 150		
2,4'-DDE			0.0975	0.0976	J	ug/L		100	50 - 150		
2,4'-DDT			0.0975	0.109		ug/L		111	50 - 150		
2,4-Dinitrotoluene			0.0975	0.112		ug/L		115	50 - 150		
2,6-Dinitrotoluene			0.0975	0.114		ug/L		116	50 - 150		
4,4'-DDD			0.0975	0.110		ug/L		113	50 - 150		
4,4'-DDE			0.0975	0.0922	J	ug/L		95	50 - 150		
4,4'-DDT			0.0975	0.119		ug/L		122	50 - 150		
Acenaphthene			0.0975	0.0984		ug/L		101	50 - 150		
Acenaphthylene			0.0975	0.0907	J	ug/L		93	50 - 150		
Acetochlor			0.0975	0.109		ug/L		112	50 - 150		
Alachlor			0.0488	0.0518		ug/L		106	50 - 150		
alpha-BHC			0.0975	0.0930	J	ug/L		95	50 - 150		
alpha-Chlordane			0.0244	<0.028		ug/L		96	50 - 150		
Anthracene			0.0195	0.0213		ug/L		109	50 - 150		
Atrazine			0.0488	0.0530		ug/L		109	50 - 150		
Benz(a)anthracene			0.0488	0.0500		ug/L		103	50 - 150		
Benzo[a]pyrene			0.0195	0.0233		ug/L		120	50 - 150		
Benzo[b]fluoranthene			0.0195	0.0256		ug/L		131	50 - 150		
Benzo[g,h,i]perylene			0.0488	0.0495		ug/L		101	50 - 150		
Benzo[k]fluoranthene			0.0195	0.0234		ug/L		120	50 - 150		
beta-BHC			0.0975	0.103		ug/L		106	50 - 150		
Bis(2-ethylhexyl) phthalate			0.585	0.605		ug/L		103	50 - 150		
Aldrin			0.00975	<0.0098		ug/L		90	50 - 150		
Bromacil			0.0975	0.111		ug/L		114	50 - 150		

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

Lab Sample ID: MRL 380-218277/22-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	0.0488	0.0560		ug/L		115	50 - 150
Butylbenzylphthalate	0.488	0.537		ug/L		110	50 - 150
Chlorobenzilate	0.0975	0.100		ug/L		103	50 - 150
Chloroneb	0.0975	0.0958	J	ug/L		98	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0975	0.103		ug/L		106	50 - 150
Chlorpyrifos	0.0488	0.0472	J	ug/L		97	50 - 150
Chrysene	0.0195	0.0221		ug/L		113	50 - 150
delta-BHC	0.0975	0.0954	J	ug/L		98	50 - 150
Di(2-ethylhexyl)adipate	0.585	0.601		ug/L		103	50 - 150
Dibenz(a,h)anthracene	0.0488	0.0503		ug/L		103	50 - 150
Diclorvos (DDVP)	0.0488	0.0602		ug/L		124	50 - 150
Dieldrin	0.00975	0.0115		ug/L		117	50 - 150
Diethylphthalate	0.488	0.525		ug/L		108	50 - 150
Dimethylphthalate	0.488	0.506		ug/L		104	50 - 150
Di-n-butyl phthalate	0.488	0.507	J	ug/L		104	49 - 243
Di-n-octyl phthalate	0.0975	0.101		ug/L		104	50 - 150
Endosulfan I (Alpha)	0.0975	0.0885	J	ug/L		91	50 - 150
Endosulfan II (Beta)	0.0975	0.106		ug/L		108	50 - 150
Endosulfan sulfate	0.0975	0.107		ug/L		110	50 - 150
Endrin	0.00975	0.0121		ug/L		124	50 - 150
Endrin aldehyde	0.0975	0.106		ug/L		109	50 - 150
EPTC	0.0975	0.0933	J	ug/L		96	50 - 150
Fluoranthene	0.0975	0.0867	J	ug/L		89	50 - 150
Fluorene	0.0488	0.0490		ug/L		100	50 - 150
gamma-BHC (Lindane)	0.00975	0.0134		ug/L		137	50 - 150
gamma-Chlordane	0.0244	0.0260	J	ug/L		107	50 - 150
Heptachlor	0.00975	0.0122		ug/L		125	50 - 150
Heptachlor epoxide (isomer B)	0.00975	0.00961	J	ug/L		99	50 - 150
Hexachlorobenzene	0.0488	0.0434	J	ug/L		89	50 - 150
Hexachlorocyclopentadiene	0.0488	0.0541		ug/L		111	50 - 150
Indeno[1,2,3-cd]pyrene	0.0488	0.0546		ug/L		112	50 - 150
Isophorone	0.0975	0.116		ug/L		119	50 - 150
Malathion	0.0975	0.101		ug/L		104	50 - 150
Methoxychlor	0.0488	0.0604		ug/L		124	50 - 150
Metolachlor	0.0488	0.0571		ug/L		117	50 - 150
Molinate	0.0975	0.101		ug/L		104	50 - 150
Naphthalene	0.0975	0.0964	J	ug/L		99	50 - 150
Parathion	0.0975	0.102		ug/L		105	50 - 150
Pendimethalin (Penoxaline)	0.0975	0.106		ug/L		108	50 - 150
Phenanthrene	0.0390	0.0412		ug/L		106	50 - 150
Propachlor	0.0488	0.0526		ug/L		108	50 - 150
Pyrene	0.0488	0.0442	J	ug/L		91	50 - 150
Simazine	0.0488	0.0513		ug/L		105	50 - 150
Terbacil	0.0975	0.112		ug/L		115	50 - 150
Terbuthylazine	0.0975	0.0992		ug/L		102	50 - 150
Thiobencarb	0.0975	0.108		ug/L		111	50 - 150
trans-Nonachlor	0.0244	0.0289	J	ug/L		118	50 - 150
Trifluralin	0.0975	0.102		ug/L		104	50 - 150
1-Methylnaphthalene	0.0975	0.119		ug/L		122	50 - 150

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

Lab Sample ID: MRL 380-218277/22-A
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218277

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
2-Methylnaphthalene			0.0975	0.110		ug/L		113	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*98*		*70 - 130*

Lab Sample ID: 380-206177-1 MS
Matrix: Water
Analysis Batch: 218602

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
2,4'-DDD	<0.099		1.94	2.05		ug/L		106	70 - 130		
2,4'-DDE	<0.099		1.94	2.03		ug/L		104	70 - 130		
2,4'-DDT	<0.099		1.94	1.88		ug/L		97	70 - 130		
2,4-Dinitrotoluene	<0.099		1.94	2.04		ug/L		105	70 - 130		
2,6-Dinitrotoluene	<0.099		1.94	1.99		ug/L		103	70 - 130		
4,4'-DDD	<0.099		1.94	2.17		ug/L		112	70 - 130		
4,4'-DDE	<0.099		1.94	1.68		ug/L		86	70 - 130		
4,4'-DDT	<0.099		1.94	2.04		ug/L		105	70 - 130		
Acenaphthene	<0.099		1.94	1.92		ug/L		99	70 - 130		
Acenaphthylene	<0.099		1.94	2.00		ug/L		103	70 - 130		
Acetochlor	<0.099		1.94	2.24		ug/L		115	70 - 130		
Alachlor	<0.049		1.94	2.25		ug/L		116	70 - 130		
alpha-BHC	<0.099		1.94	1.99		ug/L		102	70 - 130		
alpha-Chlordane	<0.049		1.94	2.05		ug/L		104	70 - 130		
Anthracene	<0.020		1.94	1.99		ug/L		103	70 - 130		
Atrazine	<0.049		1.94	2.17		ug/L		111	70 - 130		
Benz(a)anthracene	<0.049		1.94	2.01		ug/L		103	70 - 130		
Benzo[a]pyrene	<0.020		1.94	2.09		ug/L		108	70 - 130		
Benzo[b]fluoranthene	<0.020		1.94	2.11		ug/L		109	70 - 130		
Benzo[g,h,i]perylene	<0.049		1.94	1.91		ug/L		98	70 - 130		
Benzo[k]fluoranthene	<0.020		1.94	1.96		ug/L		101	70 - 130		
beta-BHC	<0.099		1.94	2.09		ug/L		108	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.59		1.94	1.64		ug/L		84	70 - 130		
Aldrin	<0.0099		1.94	1.96		ug/L		101	70 - 130		
Bromacil	<0.099		1.94	2.09		ug/L		108	70 - 130		
Butachlor	<0.049		1.94	2.31		ug/L		119	70 - 130		
Butylbenzylphthalate	<0.49		1.94	2.18		ug/L		112	70 - 130		
Chlorobenzilate	<0.099		1.94	2.16		ug/L		111	70 - 130		
Chloroneb	<0.099		1.94	2.05		ug/L		106	70 - 130		
Chlorothalonil (Draconil, Bravo)	<0.099		1.94	2.07		ug/L		107	70 - 130		
Chlorpyrifos	<0.049		1.94	2.29		ug/L		118	70 - 130		
Chrysene	<0.020		1.94	2.19		ug/L		113	70 - 130		
delta-BHC	<0.099		1.94	1.96		ug/L		101	70 - 130		
Di(2-ethylhexyl)adipate	<0.59		1.94	1.77		ug/L		91	70 - 130		
Dibenz(a,h)anthracene	<0.049		1.94	1.87		ug/L		96	70 - 130		
Diclorvos (DDVP)	<0.049		1.94	2.07		ug/L		107	70 - 130		

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

Lab Sample ID: 380-206177-1 MS
Matrix: Water
Analysis Batch: 218602

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dieldrin	0.038		1.94	2.21		ug/L		112	70 - 130
Diethylphthalate	<0.49		1.94	2.24		ug/L		115	70 - 130
Dimethylphthalate	<0.49		1.94	2.10		ug/L		108	70 - 130
Di-n-butyl phthalate	<0.99		3.89	4.19		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.099		1.94	1.60		ug/L		82	70 - 130
Endosulfan I (Alpha)	<0.099		1.94	2.10		ug/L		108	70 - 130
Endosulfan II (Beta)	<0.099		1.94	2.03		ug/L		105	70 - 130
Endosulfan sulfate	<0.099		1.94	2.00		ug/L		103	70 - 130
Endrin	<0.0099		1.94	2.32		ug/L		120	70 - 130
Endrin aldehyde	<0.099		1.94	2.00		ug/L		103	60 - 130
EPTC	<0.099		1.94	2.14		ug/L		110	70 - 130
Fluoranthene	<0.099		1.94	2.18		ug/L		112	70 - 130
Fluorene	<0.049		1.94	2.03		ug/L		105	70 - 130
gamma-BHC (Lindane)	<0.0099		1.94	2.25		ug/L		116	70 - 130
gamma-Chlordane	<0.049		1.94	2.12		ug/L		108	70 - 130
Heptachlor	<0.0099		1.94	1.97		ug/L		101	70 - 130
Heptachlor epoxide (isomer B)	0.012		1.94	2.01		ug/L		103	70 - 130
Hexachlorobenzene	<0.049		1.94	1.85		ug/L		95	70 - 130
Hexachlorocyclopentadiene	<0.049		1.94	1.82		ug/L		94	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.94	1.96		ug/L		101	70 - 130
Isophorone	<0.099		1.94	2.08		ug/L		107	70 - 130
Malathion	<0.099		1.94	2.10		ug/L		108	70 - 130
Methoxychlor	<0.049		1.94	2.28		ug/L		117	70 - 130
Metolachlor	<0.049		1.94	2.29		ug/L		118	70 - 130
Molinate	<0.099		1.94	2.18		ug/L		112	70 - 130
Naphthalene	<0.099		1.94	2.06		ug/L		106	70 - 130
Parathion	<0.099		1.94	2.23		ug/L		115	70 - 130
Pendimethalin (Penoxaline)	<0.099		1.94	2.09		ug/L		108	70 - 130
Phenanthrene	<0.039		1.94	1.92		ug/L		99	70 - 130
Propachlor	<0.049		1.94	2.30		ug/L		118	70 - 130
Pyrene	<0.049		1.94	2.25		ug/L		116	70 - 130
Simazine	<0.049		1.94	2.03		ug/L		105	70 - 130
Terbacil	<0.099		1.94	2.00		ug/L		103	70 - 130
Terbuthylazine	<0.099		1.94	2.13		ug/L		110	70 - 130
Thiobencarb	<0.099		1.94	2.20		ug/L		113	70 - 130
trans-Nonachlor	<0.049		1.94	1.97		ug/L		100	70 - 130
Trifluralin	<0.099		1.94	1.95		ug/L		100	70 - 130
1-Methylnaphthalene	<0.099		1.94	1.90		ug/L		96	70 - 130
2-Methylnaphthalene	<0.099		1.94	1.95		ug/L		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

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

Lab Sample ID: 380-204992-S-1-A DU
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2,4'-DDD	<0.096			<0.096		ug/L				NC	20
2,4'-DDE	<0.096			<0.096		ug/L				NC	20
2,4'-DDT	<0.096			<0.096		ug/L				NC	20
2,4-Dinitrotoluene	<0.096			<0.096		ug/L				NC	20
2,6-Dinitrotoluene	<0.096			<0.096		ug/L				NC	20
4,4'-DDD	<0.096			<0.096		ug/L				NC	20
4,4'-DDE	<0.096			<0.096		ug/L				NC	20
4,4'-DDT	<0.096			<0.096		ug/L				NC	20
Acenaphthene	<0.096			<0.096		ug/L				NC	20
Acenaphthylene	<0.096			<0.096		ug/L				NC	20
Acetochlor	<0.096			<0.096		ug/L				NC	20
Alachlor	<0.048			<0.048		ug/L				NC	20
alpha-BHC	<0.096			<0.096		ug/L				NC	20
alpha-Chlordane	<0.048			<0.048		ug/L				NC	20
Anthracene	<0.019			<0.019		ug/L				NC	20
Atrazine	<0.048			<0.048		ug/L				NC	20
Benz(a)anthracene	<0.048			<0.048		ug/L				NC	20
Benzo[a]pyrene	<0.019			<0.019		ug/L				NC	20
Benzo[b]fluoranthene	<0.019			<0.019		ug/L				NC	20
Benzo[g,h,i]perylene	<0.048			<0.048		ug/L				NC	20
Benzo[k]fluoranthene	<0.019			<0.019		ug/L				NC	20
beta-BHC	<0.096			<0.096		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.58			<0.58		ug/L				NC	20
Aldrin	<0.0096			<0.0096		ug/L				NC	20
Bromacil	<0.096			<0.096		ug/L				NC	20
Butachlor	<0.048			<0.048		ug/L				NC	20
Butylbenzylphthalate	<0.48			<0.48		ug/L				NC	20
Chlorobenzilate	<0.096			<0.096		ug/L				NC	20
Chloroneb	<0.096			<0.096		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.096			<0.096		ug/L				NC	20
Chlorpyrifos	<0.048			<0.048		ug/L				NC	20
Chrysene	<0.019			<0.019		ug/L				NC	20
delta-BHC	<0.096			<0.096		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.58			<0.58		ug/L				NC	20
Dibenz(a,h)anthracene	<0.048			<0.048		ug/L				NC	20
Diclorvos (DDVP)	<0.048			<0.048		ug/L				NC	20
Dieldrin	<0.0096			<0.0096		ug/L				NC	20
Diethylphthalate	<0.48			<0.48		ug/L				NC	20
Dimethylphthalate	<0.48			<0.48		ug/L				NC	20
Di-n-butyl phthalate	<0.96			<0.96		ug/L				NC	20
Di-n-octyl phthalate	<0.096			<0.096		ug/L				NC	20
Endosulfan I (Alpha)	<0.096			<0.096		ug/L				NC	20
Endosulfan II (Beta)	<0.096			<0.096		ug/L				NC	20
Endosulfan sulfate	<0.096			<0.096		ug/L				NC	20
Endrin	<0.0096			<0.0096		ug/L				NC	20
Endrin aldehyde	<0.096			<0.096		ug/L				NC	20
EPTC	<0.096			<0.096		ug/L				NC	20
Fluoranthene	<0.096			<0.096		ug/L				NC	20

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

Lab Sample ID: 380-204992-S-1-A DU
Matrix: Water
Analysis Batch: 218602

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 218277

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Fluorene	<0.048			<0.048		ug/L				NC	20
gamma-BHC (Lindane)	<0.0096			<0.0096		ug/L				NC	20
gamma-Chlordane	<0.048			<0.048		ug/L				NC	20
Heptachlor	<0.0096			<0.0096		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0096			<0.0096		ug/L				NC	20
Hexachlorobenzene	<0.048			<0.048		ug/L				NC	20
Hexachlorocyclopentadiene	<0.048			<0.048		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.048			<0.048		ug/L				NC	20
Isophorone	<0.096			<0.096		ug/L				NC	20
Malathion	<0.096			<0.096		ug/L				NC	20
Methoxychlor	<0.048			<0.048		ug/L				NC	20
Metolachlor	<0.048			<0.048		ug/L				NC	20
Molinate	<0.096			<0.096		ug/L				NC	20
Naphthalene	<0.096			<0.096		ug/L				NC	20
Parathion	<0.096			<0.096		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.096			<0.096		ug/L				NC	20
Phenanthrene	<0.039			<0.038		ug/L				NC	20
Propachlor	<0.048			<0.048		ug/L				NC	20
Pyrene	<0.048			<0.048		ug/L				NC	20
Simazine	<0.048			<0.048		ug/L				NC	20
Terbacil	<0.096			<0.096		ug/L				NC	20
Terbuthylazine	<0.096			<0.096		ug/L				NC	20
Thiobencarb	<0.096			<0.096		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.19			<0.19		ug/L				NC	20
trans-Nonachlor	<0.048			<0.048		ug/L				NC	20
Trifluralin	<0.096			<0.096		ug/L				NC	20
1-Methylnaphthalene	<0.096			<0.096		ug/L				NC	20
2-Methylnaphthalene	<0.096			<0.096		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

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

Lab Sample ID: MB 570-719700/1-A
Matrix: Water
Analysis Batch: 724152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719700

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/04/26 20:53*	*04/14/26 13:24*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*33 - 139*	*04/04/26 20:53*	*04/14/26 13:24*	*1*
2-Fluorobiphenyl (Surr)	*69*		*33 - 126*	*04/04/26 20:53*	*04/14/26 13:24*	*1*
2-Fluorophenol (Surr)	*51*		*12 - 120*	*04/04/26 20:53*	*04/14/26 13:24*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 120*	*04/04/26 20:53*	*04/14/26 13:24*	*1*

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

Lab Sample ID: MB 570-719700/1-A
Matrix: Water
Analysis Batch: 724152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719700

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d6 (Surr)	*30*		*10 - 120*	*04/04/26 20:53*	*04/14/26 13:24*	*1*
p-Terphenyl-d14 (Surr)	*74*		*47 - 131*	*04/04/26 20:53*	*04/14/26 13:24*	*1*

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

Lab Sample ID: MB 570-719700/1-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719700

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
2,4,5-Trichlorophenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2,4,6-Trichlorophenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2,4-Dichlorophenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2,4-Dinitrophenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2,6-Dichlorophenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Chloronaphthalene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Chlorophenol	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Methylphenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Nitroaniline	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
2-Nitrophenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
3/4-Methylphenol	<2.0		2.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
3-Nitroaniline	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
4,6-Dinitro-2-methylphenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Bromophenyl phenyl ether	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Chloro-3-methylphenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Chloroaniline	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Chlorophenyl phenyl ether	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Nitroaniline	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
4-Nitrophenol	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
Acenaphthene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Acenaphthylene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Aniline	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Anthracene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzidine	<5.0		5.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzoic acid	<10		10		ug/L		04/04/26 20:53	04/09/26 15:36	1
Benzyl alcohol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
Bis(2-chloroethoxy)methane	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Bis(2-chloroethyl)ether	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
bis (2-Chloroisopropyl) ether	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Chrysene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Dibenzofuran	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1

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

Lab Sample ID: MB 570-719700/1-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 719700

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Fluorene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Hexachloroethane	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Naphthalene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Nitrobenzene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
N-Nitrosodi-n-propylamine	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
N-Nitrosodiphenylamine	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Pentachlorophenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
Phenanthrene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1
Phenol	<1.0		1.0		ug/L		04/04/26 20:53	04/09/26 15:36	1
Pyrene	<0.20		0.20		ug/L		04/04/26 20:53	04/09/26 15:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*28 - 127*	*04/04/26 20:53*	*04/09/26 15:36*	*1*
2-Fluorobiphenyl (Surr)	*68*		*31 - 120*	*04/04/26 20:53*	*04/09/26 15:36*	*1*
2-Fluorophenol (Surr)	*48*		*17 - 120*	*04/04/26 20:53*	*04/09/26 15:36*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*	*04/04/26 20:53*	*04/09/26 15:36*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*04/04/26 20:53*	*04/09/26 15:36*	*1*
p-Terphenyl-d14 (Surr)	*69*		*45 - 120*	*04/04/26 20:53*	*04/09/26 15:36*	*1*

Lab Sample ID: LCS 570-719700/2-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.9		ug/L		75	47 - 120
2,4,5-Trichlorophenol	20.0	18.9		ug/L		95	57 - 120
2,4,6-Trichlorophenol	20.0	17.5		ug/L		87	52 - 129
2,4-Dichlorophenol	20.0	15.8		ug/L		79	53 - 122
2,4-Dinitrophenol	20.0	18.3		ug/L		92	1 - 173
2,6-Dichlorophenol	20.0	15.6		ug/L		78	50 - 120
2-Chloronaphthalene	20.0	17.6		ug/L		88	65 - 120
2-Chlorophenol	20.0	18.6		ug/L		93	36 - 120
2-Methylnaphthalene	20.0	14.3		ug/L		72	43 - 120
2-Methylphenol	20.0	17.0		ug/L		85	46 - 120
2-Nitroaniline	20.0	19.1		ug/L		96	51 - 125
2-Nitrophenol	20.0	15.4		ug/L		77	45 - 167
3/4-Methylphenol	40.0	30.4		ug/L		76	29 - 120
3-Nitroaniline	20.0	18.1		ug/L		91	62 - 129
4,6-Dinitro-2-methylphenol	20.0	17.6		ug/L		88	53 - 130
4-Bromophenyl phenyl ether	20.0	16.0		ug/L		80	65 - 120
4-Chloro-3-methylphenol	20.0	15.8		ug/L		79	41 - 128
4-Chloroaniline	20.0	13.4		ug/L		67	51 - 120
4-Chlorophenyl phenyl ether	20.0	17.3		ug/L		87	38 - 145
4-Nitroaniline	20.0	18.7		ug/L		94	64 - 129
4-Nitrophenol	20.0	9.53		ug/L		48	13 - 129
Acenaphthene	20.0	17.1		ug/L		85	60 - 132

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

Lab Sample ID: LCS 570-719700/2-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	20.0	17.4		ug/L		87	54 - 126
Aniline	20.0	9.29	*-	ug/L		46	52 - 121
Anthracene	20.0	16.8		ug/L		84	43 - 120
Benzidine	20.0	2.47	J *-	ug/L		12	20 - 164
Benzo[a]anthracene	20.0	17.8		ug/L		89	42 - 133
Benzo[a]pyrene	20.0	18.7		ug/L		94	32 - 148
Benzo[b]fluoranthene	20.0	18.3		ug/L		92	42 - 140
Benzo[g,h,i]perylene	20.0	17.7		ug/L		88	1 - 195
Benzo[k]fluoranthene	20.0	17.7		ug/L		89	25 - 146
Benzoic acid	20.0	8.05	J	ug/L		40	20 - 120
Benzyl alcohol	20.0	17.1		ug/L		85	44 - 122
Bis(2-chloroethoxy)methane	20.0	15.8		ug/L		79	49 - 165
Bis(2-chloroethyl)ether	20.0	16.2		ug/L		81	43 - 126
bis (2-Chloroisopropyl) ether	20.0	18.1		ug/L		90	63 - 139
Chrysene	20.0	17.1		ug/L		86	44 - 140
Dibenz(a,h)anthracene	20.0	18.2		ug/L		91	1 - 200
Dibenzofuran	20.0	18.1		ug/L		91	48 - 120
Fluoranthene	20.0	18.1		ug/L		91	43 - 121
Fluorene	20.0	17.5		ug/L		88	70 - 120
Hexachloroethane	20.0	15.2		ug/L		76	55 - 120
Indeno[1,2,3-cd]pyrene	20.0	18.0		ug/L		90	1 - 151
Naphthalene	20.0	14.4		ug/L		72	36 - 120
Nitrobenzene	20.0	16.2		ug/L		81	54 - 158
N-Nitrosodi-n-propylamine	20.0	17.6		ug/L		88	14 - 198
N-Nitrosodiphenylamine	20.0	21.5		ug/L		108	65 - 133
Pentachlorophenol	20.0	16.3		ug/L		82	38 - 152
Phenanthrene	20.0	17.1		ug/L		85	65 - 120
Phenol	20.0	9.25		ug/L		46	17 - 120
Pyrene	20.0	17.7		ug/L		88	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*28 - 127*
2-Fluorobiphenyl (Surr)	*85*		*31 - 120*
2-Fluorophenol (Surr)	*64*		*17 - 120*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*
Phenol-d6 (Surr)	*42*		*10 - 120*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*

Lab Sample ID: LCSD 570-719700/3-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	12.9		ug/L		65	47 - 120	14	20
2,4,5-Trichlorophenol	20.0	16.7		ug/L		84	57 - 120	12	20
2,4,6-Trichlorophenol	20.0	15.1		ug/L		76	52 - 129	14	35
2,4-Dichlorophenol	20.0	13.9		ug/L		70	53 - 122	13	30
2,4-Dinitrophenol	20.0	16.0		ug/L		80	1 - 173	14	79

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

Lab Sample ID: LCSD 570-719700/3-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dichlorophenol	20.0	13.8		ug/L		69	50 - 120	13	20
2-Chloronaphthalene	20.0	15.4		ug/L		77	65 - 120	13	15
2-Chlorophenol	20.0	16.0		ug/L		80	36 - 120	15	37
2-Methylnaphthalene	20.0	12.5		ug/L		63	43 - 120	13	20
2-Methylphenol	20.0	14.9		ug/L		74	46 - 120	13	20
2-Nitroaniline	20.0	16.9		ug/L		85	51 - 125	12	20
2-Nitrophenol	20.0	13.3		ug/L		66	45 - 167	15	33
3/4-Methylphenol	40.0	26.8		ug/L		67	29 - 120	13	20
3-Nitroaniline	20.0	17.0		ug/L		85	62 - 129	7	20
4,6-Dinitro-2-methylphenol	20.0	15.3		ug/L		77	53 - 130	14	122
4-Bromophenyl phenyl ether	20.0	14.0		ug/L		70	65 - 120	13	26
4-Chloro-3-methylphenol	20.0	13.8		ug/L		69	41 - 128	14	44
4-Chloroaniline	20.0	14.7		ug/L		74	51 - 120	9	20
4-Chlorophenyl phenyl ether	20.0	15.1		ug/L		75	38 - 145	14	36
4-Nitroaniline	20.0	16.9		ug/L		85	64 - 129	10	20
4-Nitrophenol	20.0	8.78		ug/L		44	13 - 129	8	79
Acenaphthene	20.0	14.9		ug/L		75	60 - 132	13	29
Acenaphthylene	20.0	15.3		ug/L		77	54 - 126	13	45
Aniline	20.0	14.8	*1	ug/L		74	52 - 121	46	21
Anthracene	20.0	15.0		ug/L		75	43 - 120	11	40
Benzidine	20.0	2.42	J *-	ug/L		12	20 - 164	2	30
Benzo[a]anthracene	20.0	15.6		ug/L		78	42 - 133	13	32
Benzo[a]pyrene	20.0	16.9		ug/L		84	32 - 148	11	43
Benzo[b]fluoranthene	20.0	16.4		ug/L		82	42 - 140	11	43
Benzo[g,h,i]perylene	20.0	15.6		ug/L		78	1 - 195	12	61
Benzo[k]fluoranthene	20.0	16.2		ug/L		81	25 - 146	9	38
Benzoic acid	20.0	7.78	J	ug/L		39	20 - 120	3	30
Benzyl alcohol	20.0	15.4		ug/L		77	44 - 122	10	20
Bis(2-chloroethoxy)methane	20.0	13.8		ug/L		69	49 - 165	13	32
Bis(2-chloroethyl)ether	20.0	13.8		ug/L		69	43 - 126	16	65
bis (2-Chloroisopropyl) ether	20.0	15.5		ug/L		77	63 - 139	16	46
Chrysene	20.0	15.1		ug/L		75	44 - 140	13	53
Dibenz(a,h)anthracene	20.0	16.2		ug/L		81	1 - 200	11	75
Dibenzofuran	20.0	15.6		ug/L		78	48 - 120	15	20
Fluoranthene	20.0	15.4		ug/L		77	43 - 121	16	40
Fluorene	20.0	15.3		ug/L		76	70 - 120	14	23
Hexachloroethane	20.0	13.3		ug/L		66	55 - 120	14	32
Indeno[1,2,3-cd]pyrene	20.0	16.1		ug/L		81	1 - 151	11	60
Naphthalene	20.0	12.7		ug/L		63	36 - 120	13	39
Nitrobenzene	20.0	14.3		ug/L		71	54 - 158	13	37
N-Nitrosodi-n-propylamine	20.0	14.9		ug/L		75	14 - 198	16	52
N-Nitrosodiphenylamine	20.0	18.6		ug/L		93	65 - 133	15	20
Pentachlorophenol	20.0	14.1		ug/L		70	38 - 152	15	52
Phenanthrene	20.0	15.0		ug/L		75	65 - 120	13	24
Phenol	20.0	8.19		ug/L		41	17 - 120	12	39
Pyrene	20.0	15.3		ug/L		77	70 - 120	14	30

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

Lab Sample ID: LCSD 570-719700/3-A
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 719700

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*28 - 127*
2-Fluorobiphenyl (Surr)	*74*		*31 - 120*
2-Fluorophenol (Surr)	*55*		*17 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*77*		*45 - 120*

Lab Sample ID: 380-205929-A-1-A MS
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		20.3	12.7		ug/L		63	36 - 120
2,4,5-Trichlorophenol	<5.1		20.3	15.8		ug/L		78	21 - 145
2,4,6-Trichlorophenol	<1.0		20.3	14.4		ug/L		71	37 - 144
2,4-Dichlorophenol	<1.0		20.3	13.7		ug/L		68	39 - 135
2,4-Dinitrophenol	<5.1		20.3	16.3		ug/L		80	1 - 191
2,6-Dichlorophenol	<5.1		20.3	13.5		ug/L		67	24 - 134
2-Chloronaphthalene	<0.20		20.3	14.0		ug/L		69	60 - 120
2-Chlorophenol	<0.20		20.3	14.5		ug/L		71	23 - 143
2-Methylnaphthalene	<0.20		20.3	12.2		ug/L		60	32 - 124
2-Methylphenol	<1.0		20.3	13.1		ug/L		65	10 - 135
2-Nitroaniline	<5.1		20.3	15.6		ug/L		77	10 - 147
2-Nitrophenol	<5.1		20.3	12.2		ug/L		60	29 - 182
3/4-Methylphenol	<2.0		40.6	23.9		ug/L		59	10 - 118
3-Nitroaniline	<5.1	F2	20.3	8.71		ug/L		43	10 - 153
4,6-Dinitro-2-methylphenol	<5.1		20.3	14.6		ug/L		72	1 - 181
4-Bromophenyl phenyl ether	<0.20		20.3	13.1		ug/L		64	53 - 127
4-Chloro-3-methylphenol	<1.0		20.3	14.1		ug/L		69	22 - 147
4-Chloroaniline	<5.1	F2	20.3	<5.1		ug/L		24	10 - 131
4-Chlorophenyl phenyl ether	<0.20		20.3	13.9		ug/L		69	25 - 158
4-Nitroaniline	<5.1	F2	20.3	10.9		ug/L		54	10 - 180
4-Nitrophenol	<5.1		20.3	8.51		ug/L		42	1 - 132
Acenaphthene	<0.20		20.3	13.9		ug/L		68	47 - 145
Acenaphthylene	<0.20		20.3	13.6		ug/L		67	33 - 145
Aniline	<0.20	*- *1 F2	20.3	2.19		ug/L		10	10 - 113
Anthracene	<0.20		20.3	13.1		ug/L		65	27 - 133
Benzidine	<5.1	*- F1	20.3	<5.1		ug/L		12	10 - 57
Benzo[a]anthracene	<0.20		20.3	13.9		ug/L		68	33 - 143
Benzo[a]pyrene	<0.20		20.3	13.6		ug/L		67	17 - 163
Benzo[b]fluoranthene	<0.20		20.3	14.0		ug/L		69	24 - 159
Benzo[g,h,i]perylene	<0.20		20.3	13.5		ug/L		67	1 - 219
Benzo[k]fluoranthene	<0.20		20.3	13.2		ug/L		65	11 - 162
Benzoic acid	<10		20.3	<10		ug/L		30	10 - 97
Benzyl alcohol	<1.0		20.3	14.0		ug/L		67	10 - 122
Bis(2-chloroethoxy)methane	<0.20		20.3	12.8		ug/L		63	33 - 184
Bis(2-chloroethyl)ether	<0.20		20.3	12.9		ug/L		64	12 - 158
bis (2-Chloroisopropyl) ether	<0.20		20.3	13.7		ug/L		68	36 - 166

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

Lab Sample ID: 380-205929-A-1-A MS
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chrysene	<0.20		20.3	13.4		ug/L		66	17 - 168
Dibenz(a,h)anthracene	<0.20		20.3	14.3		ug/L		70	1 - 227
Dibenzofuran	<0.20		20.3	14.6		ug/L		72	42 - 111
Fluoranthene	<0.20		20.3	14.8		ug/L		73	26 - 137
Fluorene	<0.20		20.3	14.1		ug/L		69	59 - 121
Hexachloroethane	<0.20		20.3	11.8		ug/L		58	40 - 120
Indeno[1,2,3-cd]pyrene	<0.20		20.3	14.0		ug/L		69	1 - 171
Naphthalene	<0.20		20.3	12.0		ug/L		59	21 - 133
Nitrobenzene	<0.20		20.3	13.0		ug/L		64	35 - 180
N-Nitrosodi-n-propylamine	<0.20		20.3	13.6		ug/L		67	1 - 230
N-Nitrosodiphenylamine	<0.20		20.3	17.5		ug/L		86	10 - 179
Pentachlorophenol	<1.0		20.3	15.7		ug/L		77	14 - 176
Phenanthrene	<0.20		20.3	14.4		ug/L		71	54 - 120
Phenol	<1.0		20.3	6.97		ug/L		34	5 - 120
Pyrene	<0.20		20.3	14.1		ug/L		69	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*28 - 127*
2-Fluorobiphenyl (Surr)	*64*		*31 - 120*
2-Fluorophenol (Surr)	*44*		*17 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d6 (Surr)	*30*		*10 - 120*
p-Terphenyl-d14 (Surr)	*57*		*45 - 120*

Lab Sample ID: 380-205929-B-1-A MSD
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		20.4	13.5		ug/L		66	36 - 120	6	30
2,4,5-Trichlorophenol	<5.1		20.4	18.1		ug/L		89	21 - 145	14	30
2,4,6-Trichlorophenol	<1.0		20.4	16.5		ug/L		81	37 - 144	14	58
2,4-Dichlorophenol	<1.0		20.4	14.8		ug/L		72	39 - 135	8	50
2,4-Dinitrophenol	<5.1		20.4	19.0		ug/L		93	1 - 191	15	132
2,6-Dichlorophenol	<5.1		20.4	14.2		ug/L		70	24 - 134	5	30
2-Chloronaphthalene	<0.20		20.4	15.6		ug/L		76	60 - 120	11	24
2-Chlorophenol	<0.20		20.4	15.7		ug/L		77	23 - 143	8	61
2-Methylnaphthalene	<0.20		20.4	13.1		ug/L		64	32 - 124	8	30
2-Methylphenol	<1.0		20.4	14.5		ug/L		71	10 - 135	10	30
2-Nitroaniline	<5.1		20.4	17.6		ug/L		86	10 - 147	12	30
2-Nitrophenol	<5.1		20.4	13.2		ug/L		65	29 - 182	7	55
3/4-Methylphenol	<2.0		40.8	26.3		ug/L		64	10 - 118	9	30
3-Nitroaniline	<5.1	F2	20.4	14.8	F2	ug/L		72	10 - 153	52	30
4,6-Dinitro-2-methylphenol	<5.1		20.4	17.0		ug/L		83	1 - 181	15	203
4-Bromophenyl phenyl ether	<0.20		20.4	14.6		ug/L		72	53 - 127	11	43
4-Chloro-3-methylphenol	<1.0		20.4	15.7		ug/L		77	22 - 147	11	73
4-Chloroaniline	<5.1	F2	20.4	10.7	F2	ug/L		52	10 - 131	76	30
4-Chlorophenyl phenyl ether	<0.20		20.4	15.5		ug/L		76	25 - 158	11	61

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

Lab Sample ID: 380-205929-B-1-A MSD
Matrix: Water
Analysis Batch: 722093

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 719700

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline	<5.1	F2	20.4	15.2	F2	ug/L		74	10 - 180	33	30
4-Nitrophenol	<5.1		20.4	9.96		ug/L		49	1 - 132	16	131
Acenaphthene	<0.20		20.4	15.3		ug/L		75	47 - 145	10	48
Acenaphthylene	<0.20		20.4	15.6		ug/L		76	33 - 145	13	74
Aniline	<0.20	*- *1 F2	20.4	6.94	F2	ug/L		34	10 - 113	104	30
Anthracene	<0.20		20.4	15.1		ug/L		74	27 - 133	14	66
Benzidine	<5.1	*- F1	20.4	<5.1	F1	ug/L		0	10 - 57	NC	30
Benzo[a]anthracene	<0.20		20.4	16.0		ug/L		78	33 - 143	14	53
Benzo[a]pyrene	<0.20		20.4	15.8		ug/L		77	17 - 163	15	72
Benzo[b]fluoranthene	<0.20		20.4	16.0		ug/L		78	24 - 159	13	71
Benzo[g,h,i]perylene	<0.20		20.4	15.4		ug/L		75	1 - 219	13	97
Benzo[k]fluoranthene	<0.20		20.4	15.2		ug/L		74	11 - 162	14	63
Benzoic acid	<10		20.4	10.1		ug/L		34	10 - 97	10	30
Benzyl alcohol	<1.0		20.4	14.8		ug/L		71	10 - 122	6	30
Bis(2-chloroethoxy)methane	<0.20		20.4	13.6		ug/L		67	33 - 184	6	54
Bis(2-chloroethyl)ether	<0.20		20.4	13.4		ug/L		66	12 - 158	3	108
bis (2-Chloroisopropyl) ether	<0.20		20.4	14.6		ug/L		72	36 - 166	6	76
Chrysene	<0.20		20.4	15.0		ug/L		74	17 - 168	12	87
Dibenz(a,h)anthracene	<0.20		20.4	16.3		ug/L		80	1 - 227	13	126
Dibenzofuran	<0.20		20.4	16.3		ug/L		80	42 - 111	11	30
Fluoranthene	<0.20		20.4	16.5		ug/L		81	26 - 137	11	66
Fluorene	<0.20		20.4	15.8		ug/L		77	59 - 121	11	38
Hexachloroethane	<0.20		20.4	12.9		ug/L		63	40 - 120	9	52
Indeno[1,2,3-cd]pyrene	<0.20		20.4	15.8		ug/L		77	1 - 171	12	99
Naphthalene	<0.20		20.4	12.3		ug/L		60	21 - 133	2	65
Nitrobenzene	<0.20		20.4	13.7		ug/L		67	35 - 180	5	62
N-Nitrosodi-n-propylamine	<0.20		20.4	14.0		ug/L		68	1 - 230	2	87
N-Nitrosodiphenylamine	<0.20		20.4	19.0		ug/L		93	10 - 179	8	30
Pentachlorophenol	<1.0		20.4	18.2		ug/L		89	14 - 176	15	86
Phenanthrene	<0.20		20.4	15.9		ug/L		78	54 - 120	10	39
Phenol	<1.0		20.4	7.52		ug/L		37	5 - 120	8	64
Pyrene	<0.20		20.4	15.9		ug/L		78	52 - 120	12	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*28 - 127*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*
2-Fluorophenol (Surr)	*47*		*17 - 120*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d6 (Surr)	*33*		*10 - 120*
p-Terphenyl-d14 (Surr)	*64*		*45 - 120*

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

Lab Sample ID: MB 570-724791/6
Matrix: Water
Analysis Batch: 724791

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			04/15/26 14:25	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134		04/15/26 14:25	1

Lab Sample ID: LCS 570-724791/3
Matrix: Water
Analysis Batch: 724791

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	411		ug/L		103	78 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		38 - 134

Lab Sample ID: LCSD 570-724791/4
Matrix: Water
Analysis Batch: 724791

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	404		ug/L		101	78 - 120	2	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		38 - 134

Lab Sample ID: MRL 570-724791/5
Matrix: Water
Analysis Batch: 724791

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

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

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		38 - 134

Lab Sample ID: 380-206949-C-1 MS
Matrix: Water
Analysis Batch: 724791

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	420		ug/L		105	68 - 122		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		38 - 134

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

Lab Sample ID: 380-206949-C-1 MSD
Matrix: Water
Analysis Batch: 724791

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	414		ug/L		103	68 - 122	1	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*

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

Lab Sample ID: MBL 380-218306/4-A
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218306

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.0040		0.020		ug/L		04/07/26 15:15	04/07/26 18:09	1
1,2-Dibromo-3-Chloropropane	<0.0020		0.010		ug/L		04/07/26 15:15	04/07/26 18:09	1
1,2-Dibromoethane	<0.0040		0.010		ug/L		04/07/26 15:15	04/07/26 18:09	1

Surrogate	*MBL %Recovery*	*MBL Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dibromopropane (Surr)	*105*		*60 - 140*	*04/07/26 15:15*	*04/07/26 18:09*	*1*

Lab Sample ID: LCS 380-218306/29-A
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218306

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.200	0.207		ug/L		103	70 - 130		
1,2-Dibromo-3-Chloropropane			0.200	0.207		ug/L		104	70 - 130		
1,2-Dibromoethane			0.200	0.216		ug/L		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*106*		*60 - 140*

Lab Sample ID: MRL 380-218306/2-A
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218306

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0200	0.0195	J	ug/L		98	60 - 140		

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

Lab Sample ID: MRL 380-218306/3-A
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218306

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0578		ug/L		116	60 - 140		

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

Lab Sample ID: MRL 380-218306/3-A
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218306

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromo-3-Chloropropane			0.0100	0.0104		ug/L		104	60 - 140		
1,2-Dibromoethane			0.0100	0.00974	J	ug/L		97	60 - 140		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*103*		*60 - 140*

Lab Sample ID: 380-206204-BV-1-A MS
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218306

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane	<0.020		1.25	1.37		ug/L		110	65 - 135		
1,2-Dibromo-3-Chloropropane	<0.010		0.251	0.271		ug/L		108	65 - 135		
1,2-Dibromoethane	<0.010		0.251	0.275		ug/L		110	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*103*		*60 - 140*

Lab Sample ID: 380-206332-BQ-1-A DU
Matrix: Water
Analysis Batch: 218526

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 218306

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

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
1,2-Dibromopropane (Surr)	*110*		*60 - 140*

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Lab Sample ID: MB 380-218087/3-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218087

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.50		0.50		ug/L		04/06/26 13:03	04/06/26 15:27	1
Chlordane (n.o.s.)	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1016	<0.070		0.070		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1221	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1232	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1242	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1248	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1254	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1
PCB-1260	<0.070		0.070		ug/L		04/06/26 13:03	04/06/26 15:27	1
Polychlorinated biphenyls, Total	<0.10		0.10		ug/L		04/06/26 13:03	04/06/26 15:27	1

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

Lab Sample ID: MB 380-218087/3-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 218087

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		70 - 130	04/06/26 13:03	04/06/26 15:27	1

Lab Sample ID: LCS 380-218087/28-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			2.50	2.36		ug/L		94	70 - 130		

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

Lab Sample ID: LCS 380-218087/29-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.500	0.497		ug/L		99	70 - 130		

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

Lab Sample ID: LCS 380-218087/31-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1248			0.500	0.511		ug/L		102	70 - 130		

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

Lab Sample ID: LCSD 380-218087/30-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlordane (n.o.s.)			0.500	0.487		ug/L		97	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	90		70 - 130

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

Lab Sample ID: MRL 380-218087/1-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene			0.500	0.416	J	ug/L		83	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*70 - 130*

Lab Sample ID: MRL 380-218087/2-A
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 218087

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)			0.100	0.105		ug/L		105	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*70 - 130*

Lab Sample ID: 380-206150-I-1-A MS
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Toxaphene	<0.49		2.48	2.33		ug/L		94	65 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*90*		*70 - 130*

Lab Sample ID: 380-206150-J-1-A MS
Matrix: Water
Analysis Batch: 218244

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 218087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chlordane (n.o.s.)	<0.099		0.485	0.492		ug/L		101	65 - 135		

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

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

Lab Sample ID: MB 570-720612/1-A
Matrix: Water
Analysis Batch: 720996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720612

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/07/26 09:29	04/07/26 21:24	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/07/26 09:29	04/07/26 21:24	1
C8-C18	<25		25		ug/L		04/07/26 09:29	04/07/26 21:24	1

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

Lab Sample ID: MB 570-720612/1-A
Matrix: Water
Analysis Batch: 720996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 720612

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	109		60 - 130	04/07/26 09:29	04/07/26 21:24	1

Lab Sample ID: LCS 570-720612/2-A
Matrix: Water
Analysis Batch: 720996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720612

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1640		ug/L		102	56 - 127		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	115		60 - 130

Lab Sample ID: LCSD 570-720612/3-A
Matrix: Water
Analysis Batch: 720996

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 720612

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1590		ug/L		99	56 - 127	3	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	111		60 - 130

Lab Sample ID: MRL 570-720612/4-A
Matrix: Water
Analysis Batch: 720996

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 720612

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0332	^3+	mg/L		166	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	110		60 - 130

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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	F1	2000	2.19	F1	mg/L		0.1	61 - 150		

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

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

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	F1	2000	2.33	F1	mg/L		0.1	61 - 150	6	36

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-217761/38
Matrix: Water
Analysis Batch: 217761

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.050		0.050		mg/L			04/03/26 16:32	1
Nitrite as N	<0.050		0.050		mg/L			04/03/26 16:32	1

Lab Sample ID: LCS 380-217761/40
Matrix: Water
Analysis Batch: 217761

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	2.57		mg/L		103	90 - 110		
Nitrite as N			1.00	1.04		mg/L		104	90 - 110		

Lab Sample ID: LCSD 380-217761/41
Matrix: Water
Analysis Batch: 217761

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	2.55		mg/L		102	90 - 110	1	20
Nitrite as N			1.00	1.04		mg/L		104	90 - 110	0	20

Lab Sample ID: MRL 380-217761/39
Matrix: Water
Analysis Batch: 217761

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	0.0459	J	mg/L		92	50 - 150		
Nitrite as N			0.0500	0.0500		mg/L		100	50 - 150		

Lab Sample ID: 380-206184-K-1 MS
Matrix: Water
Analysis Batch: 217761

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	0.42		1.25	1.73		mg/L		105	80 - 120		
Nitrite as N	<0.050		0.500	0.488		mg/L		98	80 - 120		

Lab Sample ID: 380-206184-K-1 MSD
Matrix: Water
Analysis Batch: 217761

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	0.42		1.25	1.72		mg/L		104	80 - 120	0	20
Nitrite as N	<0.050		0.500	0.484		mg/L		97	80 - 120	1	20

Lab Sample ID: MB 380-217762/38
Matrix: Water
Analysis Batch: 217762

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.50		0.50		mg/L			04/03/26 16:32	1
Sulfate	<0.25		0.25		mg/L			04/03/26 16:32	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 380-217762/40
Matrix: Water
Analysis Batch: 217762

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			25.0	26.2		mg/L		105	90 - 110		
Sulfate			50.0	51.9		mg/L		104	90 - 110		

Lab Sample ID: LCSD 380-217762/41
Matrix: Water
Analysis Batch: 217762

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

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

Lab Sample ID: MRL 380-217762/39
Matrix: Water
Analysis Batch: 217762

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	0.438	J	mg/L		88	50 - 150		
Sulfate			0.250	0.239	J	mg/L		96	50 - 150		

Lab Sample ID: 380-206184-K-1 MS
Matrix: Water
Analysis Batch: 217762

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	9.3		12.5	22.9		mg/L		108	80 - 120		
Sulfate	4.5		25.0	30.4		mg/L		103	80 - 120		

Lab Sample ID: 380-206184-K-1 MSD
Matrix: Water
Analysis Batch: 217762

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	9.3		12.5	22.8		mg/L		108	80 - 120	0	20
Sulfate	4.5		25.0	30.2		mg/L		103	80 - 120	1	20

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

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

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

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

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

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

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

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

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

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

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

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

Lab Sample ID: 380-206826-V-1 MS
Matrix: Water
Analysis Batch: 218974

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Bromide	<5.0		50.0	51.5		ug/L		103	80 - 120		

Lab Sample ID: 380-206826-V-1 MSD
Matrix: Water
Analysis Batch: 218974

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	<5.0		50.0	49.0		ug/L		98	80 - 120	5	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MBL 380-218116/50
Matrix: Water
Analysis Batch: 218116

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

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.031		0.10		mg/L			04/06/26 12:39	1
Magnesium	<0.0099		0.10		mg/L			04/06/26 12:39	1
Potassium	<0.044		0.20		mg/L			04/06/26 12:39	1
Sodium	<0.019		0.10		mg/L			04/06/26 12:39	1

Lab Sample ID: LCS 380-218116/52
Matrix: Water
Analysis Batch: 218116

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	50.4		mg/L		101	85 - 115		
Magnesium			20.0	20.1		mg/L		101	85 115		
Potassium			20.0	20.0		mg/L		100	85 - 115		
Sodium			50.0	49.9		mg/L		100	85 - 115		

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

Lab Sample ID: LCSD 380-218116/53
Matrix: Water
Analysis Batch: 218116

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	51.0		mg/L		102	85 - 115	1	20
Magnesium			20.0	20.3		mg/L		102	85 - 115	1	20
Potassium			20.0	20.2		mg/L		101	85 - 115	1	20
Sodium			50.0	50.2		mg/L		100	85 - 115	1	20

Lab Sample ID: LLCS 380-218116/51
Matrix: Water
Analysis Batch: 218116

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	0.103		mg/L		103	50 - 150		
Magnesium			0.100	0.0970	J	mg/L		97	50 - 150		
Potassium			0.100	0.126	J	mg/L		126	50 - 150		
Sodium			0.100	0.0987	J	mg/L		99	50 - 150		

Lab Sample ID: 380-206177-1 MS
Matrix: Water
Analysis Batch: 218116

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Calcium	31		50.0	76.1		mg/L		91	70 - 130		
Magnesium	28		20.0	46.0		mg/L		89	70 - 130		
Potassium	3.6		20.0	22.2		mg/L		93	70 - 130		
Sodium	68		50.0	112		mg/L		88	70 - 130		

Lab Sample ID: 380-206177-1 MSD
Matrix: Water
Analysis Batch: 218116

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	31		50.0	77.0		mg/L		93	70 - 130	1	20
Magnesium	28		20.0	46.5		mg/L		91	70 - 130	1	20
Potassium	3.6		20.0	22.6		mg/L		95	70 - 130	2	20
Sodium	68		50.0	113		mg/L		90	70 - 130	1	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-217861/75
Matrix: Water
Analysis Batch: 217861

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

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.48		1.0		ug/L			04/04/26 12:33	1
Arsenic	<0.25		1.0		ug/L			04/04/26 12:33	1
Beryllium	<0.12		0.30		ug/L			04/04/26 12:33	1
Cadmium	<0.081		0.50		ug/L			04/04/26 12:33	1
Chromium	<0.33		0.90		ug/L			04/04/26 12:33	1
Copper	<0.28		1.0		ug/L			04/04/26 12:33	1
Lead	<0.084		0.50		ug/L			04/04/26 12:33	1
Nickel	<0.38		5.0		ug/L			04/04/26 12:33	1

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

Lab Sample ID: MBL 380-217861/75
Matrix: Water
Analysis Batch: 217861

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

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.25		2.0		ug/L			04/04/26 12:33	1
Silver	<0.30		0.50		ug/L			04/04/26 12:33	1
Thallium	<0.10		0.30		ug/L			04/04/26 12:33	1
Zinc	<1.3		5.0		ug/L			04/04/26 12:33	1

Lab Sample ID: LCS 380-217861/77
Matrix: Water
Analysis Batch: 217861

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			50.0	50.9		ug/L		102	85 - 115		
Arsenic			50.0	51.8		ug/L		104	85 - 115		
Beryllium			50.0	54.8		ug/L		110	85 - 115		
Cadmium			50.0	51.1		ug/L		102	85 - 115		
Chromium			50.0	50.7		ug/L		101	85 - 115		
Copper			50.0	51.7		ug/L		103	85 - 115		
Lead			50.0	50.9		ug/L		102	85 - 115		
Nickel			50.0	50.1		ug/L		100	85 - 115		
Selenium			50.0	49.9		ug/L		100	85 - 115		
Silver			50.0	51.3		ug/L		103	85 - 115		
Thallium			50.0	50.2		ug/L		100	85 - 115		
Zinc			50.0	50.0		ug/L		100	85 - 115		

Lab Sample ID: LCSD 380-217861/78
Matrix: Water
Analysis Batch: 217861

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	50.4		ug/L		101	85 - 115	1	20
Arsenic			50.0	51.1		ug/L		102	85 - 115	1	20
Beryllium			50.0	54.5		ug/L		109	85 - 115	1	20
Cadmium			50.0	50.1		ug/L		100	85 - 115	2	20
Chromium			50.0	49.8		ug/L		100	85 - 115	2	20
Copper			50.0	51.1		ug/L		102	85 - 115	1	20
Lead			50.0	49.5		ug/L		99	85 - 115	3	20
Nickel			50.0	49.4		ug/L		99	85 - 115	1	20
Selenium			50.0	50.0		ug/L		100	85 - 115	0	20
Silver			50.0	50.6		ug/L		101	85 - 115	1	20
Thallium			50.0	49.4		ug/L		99	85 - 115	1	20
Zinc			50.0	48.4		ug/L		97	85 - 115	3	20

Lab Sample ID: LLCS 380-217861/76
Matrix: Water
Analysis Batch: 217861

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	1.02		ug/L		102	50 - 150		
Arsenic			1.00	1.23		ug/L		123	50 - 150		
Beryllium			0.300	0.327		ug/L		109	50 - 150		

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

Lab Sample ID: LLCS 380-217861/76
Matrix: Water
Analysis Batch: 217861

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	0.500	0.477	J	ug/L		95	50 - 150
Chromium	0.900	1.20		ug/L		133	50 - 150
Copper	1.00	1.03		ug/L		103	50 - 150
Lead	0.500	0.493	J	ug/L		99	50 - 150
Nickel	1.00	1.04	J	ug/L		104	50 - 150
Selenium	2.00	2.01		ug/L		101	50 - 150
Silver	0.500	0.513		ug/L		103	50 - 150
Thallium	0.300	0.299	J	ug/L		100	50 - 150
Zinc	5.00	5.04		ug/L		101	50 - 150

Lab Sample ID: 380-206165-A-1 MS
Matrix: Water
Analysis Batch: 217861

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	51.3		ug/L		103	70 - 130
Arsenic	<1.0		50.0	53.7		ug/L		107	70 - 130
Beryllium	<0.30		50.0	52.1		ug/L		104	70 - 130
Cadmium	<0.50		50.0	51.2		ug/L		102	70 - 130
Chromium	7.3		50.0	49.4		ug/L		84	70 - 130
Copper	3.5		50.0	51.4		ug/L		96	70 - 130
Lead	<0.50		50.0	47.3		ug/L		94	70 - 130
Nickel	<5.0		50.0	46.6		ug/L		85	70 - 130
Selenium	<2.0		50.0	58.5		ug/L		117	70 - 130
Silver	<0.50		50.0	43.3		ug/L		87	70 - 130
Thallium	<0.30		50.0	47.6		ug/L		95	70 - 130
Zinc	6.2		50.0	58.6		ug/L		105	70 - 130

Lab Sample ID: 380-206165-A-1 MSD
Matrix: Water
Analysis Batch: 217861

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	51.4		ug/L		103	70 - 130	0	20
Arsenic	<1.0		50.0	53.6		ug/L		107	70 - 130	0	20
Beryllium	<0.30		50.0	52.1		ug/L		104	70 - 130	0	20
Cadmium	<0.50		50.0	50.9		ug/L		102	70 - 130	1	20
Chromium	7.3		50.0	49.4		ug/L		84	70 - 130	0	20
Copper	3.5		50.0	51.2		ug/L		95	70 - 130	0	20
Lead	<0.50		50.0	48.2		ug/L		96	70 - 130	2	20
Nickel	<5.0		50.0	46.6		ug/L		85	70 - 130	0	20
Selenium	<2.0		50.0	58.8		ug/L		118	70 - 130	1	20
Silver	<0.50		50.0	37.5		ug/L		75	70 - 130	14	20
Thallium	<0.30		50.0	48.3		ug/L		97	70 - 130	2	20
Zinc	6.2		50.0	58.0		ug/L		104	70 - 130	1	20

Method: 200.8 - Mercury (ICP/MS)

Lab Sample ID: MBL 380-218250/1-A
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte	MBL Result	MBL Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20		ug/L		04/07/26 09:15	04/08/26 17:25	1

Lab Sample ID: LCS 380-218250/3-A
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			1.00	0.935		ug/L		94	85 - 115		

Lab Sample ID: LCSD 380-218250/4-A
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			1.00	0.985		ug/L		99	85 - 115	5	20

Lab Sample ID: LLCS 380-218250/2-A
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.200	0.198	J	ug/L		99	50 - 150		

Lab Sample ID: 380-206403-C-1-B MS
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.20		1.00	0.929		ug/L		93	70 - 130		

Lab Sample ID: 380-206403-C-1-C MSD
Matrix: Water
Analysis Batch: 218823

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 218250

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	0.936		ug/L		94	70 - 130	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 380-218544/1
Matrix: Water
Analysis Batch: 218544

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<2.0		2.0		mg/L			04/07/26 14:30	1
Bicarbonate Alkalinity as CaCO3	<2.0		2.0		mg/L			04/07/26 14:30	1
Carbonate Alkalinity as CaCO3	<2.0		2.0		mg/L			04/07/26 14:30	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 380-218544/3
Matrix: Water
Analysis Batch: 218544

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			100	97.0		mg/L		97	90 - 110		

Lab Sample ID: LCSD 380-218544/18
Matrix: Water
Analysis Batch: 218544

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	99.4		mg/L		99	90 - 110	2	20

Lab Sample ID: LLCS 380-218544/4
Matrix: Water
Analysis Batch: 218544

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			20.0	19.7		mg/L		98	90 - 110		

Lab Sample ID: MRL 380-218544/2
Matrix: Water
Analysis Batch: 218544

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			2.00	1.67	J	mg/L		84	50 - 150		

Lab Sample ID: 380-205995-R-1 MS
Matrix: Water
Analysis Batch: 218544

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	110		100	203		mg/L		96	80 - 120		

Lab Sample ID: 380-205995-R-1 MSD
Matrix: Water
Analysis Batch: 218544

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	110		100	204		mg/L		97	80 - 120	1	20

Lab Sample ID: 380-205995-R-1 DU
Matrix: Water
Analysis Batch: 218544

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	110		107		mg/L		0.3	20
Bicarbonate Alkalinity as CaCO3	96		96.8		mg/L		0.5	20
Carbonate Alkalinity as CaCO3	11		10.4		mg/L		2	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 380-218547/3
Matrix: Water
Analysis Batch: 218547

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<2.0		2.0		umhos/cm			04/07/26 14:30	1

Lab Sample ID: LCS 380-218547/5
Matrix: Water
Analysis Batch: 218547

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	1010		umhos/cm		101	90 - 110		

Lab Sample ID: LCSD 380-218547/17
Matrix: Water
Analysis Batch: 218547

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	997		umhos/cm		100	90 - 110	1	10

Lab Sample ID: MRL 380-218547/4
Matrix: Water
Analysis Batch: 218547

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: 380-205995-R-1 DU
Matrix: Water
Analysis Batch: 218547

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Specific Conductance	570			573		umhos/cm				0.09	20

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

Lab Sample ID: MB 380-218134/1
Matrix: Water
Analysis Batch: 218134

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10		mg/L			04/06/26 15:45	1

Lab Sample ID: HLCS 380-218134/4
Matrix: Water
Analysis Batch: 218134

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	720		mg/L		103	80 - 114		

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

Lab Sample ID: LCS 380-218134/3
Matrix: Water
Analysis Batch: 218134

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	186		mg/L		106	80 - 114		

Lab Sample ID: MRL 380-218134/2
Matrix: Water
Analysis Batch: 218134

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	11.0		mg/L		110	50 - 150		

Lab Sample ID: 380-206198-I-1 DU
Matrix: Water
Analysis Batch: 218134

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	160			164		mg/L				0	10

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 380-218802/40
Matrix: Water
Analysis Batch: 218802

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.050		0.050		mg/L			04/08/26 13:58	1

Lab Sample ID: LCS 380-218802/42
Matrix: Water
Analysis Batch: 218802

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride			1.00	1.05		mg/L		105	90 - 110		

Lab Sample ID: LCSD 380-218802/43
Matrix: Water
Analysis Batch: 218802

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride			1.00	1.05		mg/L		105	90 - 110	0	10

Lab Sample ID: MRL 380-218802/41
Matrix: Water
Analysis Batch: 218802

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	0.0539		mg/L		108	50 - 150		

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 380-206043-A-12 MS
Matrix: Water
Analysis Batch: 218802

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	0.32		1.00	1.35		mg/L		103	80 - 120		

Lab Sample ID: 380-206043-A-12 MSD
Matrix: Water
Analysis Batch: 218802

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	0.32		1.00	1.35		mg/L		103	80 - 120	0	20

Method: SM 4500 H+ B - pH

Lab Sample ID: MB 380-218549/5
Matrix: Water
Analysis Batch: 218549

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	5.8				SU			04/07/26 14:30	1

Lab Sample ID: LCS 380-218549/6
Matrix: Water
Analysis Batch: 218549

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

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

Lab Sample ID: LCSD 380-218549/18
Matrix: Water
Analysis Batch: 218549

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

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

Lab Sample ID: 380-205995-R-1 DU
Matrix: Water
Analysis Batch: 218549

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	8.8			8.8		SU				0	2

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 380-218103/3
Matrix: Water
Analysis Batch: 218103

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.050		0.050		mg/L			04/06/26 15:05	1

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

Lab Sample ID: LCS 380-218103/5
Matrix: Water
Analysis Batch: 218103

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	0.273		mg/L		109	90 - 110

Lab Sample ID: LCSD 380-218103/6
Matrix: Water
Analysis Batch: 218103

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	0.275		mg/L		110	90 - 110	1	20

Lab Sample ID: MRL 380-218103/4
Matrix: Water
Analysis Batch: 218103

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	0.0558		mg/L		112	50 - 150

Lab Sample ID: 380-206177-1 MS
Matrix: Water
Analysis Batch: 218103

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.050	F1	0.250	<0.050	F1	mg/L		0	80 - 120

Lab Sample ID: 380-206177-1 MSD
Matrix: Water
Analysis Batch: 218103

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.050	F1	0.250	<0.050	F1	mg/L		0	80 - 120	NC	20

QC Association Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

GC/MS VOA

Analysis Batch: 217857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	524.2	
MB 380-217857/8	Method Blank	Total/NA	Water	524.2	
LCS 380-217857/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-217857/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-217857/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-217857/4	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 217892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	524.2	
MB 380-217892/8	Method Blank	Total/NA	Water	524.2	
LCS 380-217892/5	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-217892/6	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-217892/3	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-217892/4	Lab Control Sample	Total/NA	Water	524.2	
380-206028-A-9 MSD	Matrix Spike Duplicate	Total/NA	Water	524.2	
380-206028-B-9 MS	Matrix Spike	Total/NA	Water	524.2	

Analysis Batch: 218038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	524.2	

Analysis Batch: 218267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	524.2	
MB 380-218267/15	Method Blank	Total/NA	Water	524.2	
LCS 380-218267/11	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-218267/12	Lab Control Sample Dup	Total/NA	Water	524.2	
MRL 380-218267/13	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-218267/14	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 218352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	524.2	
MB 380-218352/5	Method Blank	Total/NA	Water	524.2	
LCS 380-218352/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-218352/4	Lab Control Sample Dup	Total/NA	Water	524.2	

GC/MS Semi VOA

Prep Batch: 218277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	
MB 380-218277/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-218277/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-218277/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-218277/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-206177-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	
380-204992-S-1-A DU	Duplicate	Total/NA	Water	525.2	

QC Association Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

GC/MS Semi VOA

Analysis Batch: 218602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	218277
MB 380-218277/21-A	Method Blank	Total/NA	Water	525.2	218277
LCS 380-218277/23-A	Lab Control Sample	Total/NA	Water	525.2	218277
LCSD 380-218277/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	218277
MRL 380-218277/22-A	Lab Control Sample	Total/NA	Water	525.2	218277
380-206177-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	218277
380-204992-S-1-A DU	Duplicate	Total/NA	Water	525.2	218277

Prep Batch: 719700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	
MB 570-719700/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-719700/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-719700/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-205929-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-205929-B-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 722093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1 SIM	719700
MB 570-719700/1-A	Method Blank	Total/NA	Water	625.1 SIM	719700
LCS 570-719700/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	719700
LCSD 570-719700/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	719700
380-205929-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	719700
380-205929-B-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	719700

Analysis Batch: 724152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	719700
MB 570-719700/1-A	Method Blank	Total/NA	Water	625.1	719700

GC VOA

Analysis Batch: 724791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
MB 570-724791/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-724791/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-724791/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-724791/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-206949-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-206949-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 218087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	505	
MB 380-218087/3-A	Method Blank	Total/NA	Water	505	
LCS 380-218087/28-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-218087/29-A	Lab Control Sample	Total/NA	Water	505	

GC Semi VOA (Continued)

Prep Batch: 218087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 380-218087/31-A	Lab Control Sample	Total/NA	Water	505	
LCSD 380-218087/30-A	Lab Control Sample Dup	Total/NA	Water	505	
MRL 380-218087/1-A	Lab Control Sample	Total/NA	Water	505	
MRL 380-218087/2-A	Lab Control Sample	Total/NA	Water	505	
380-206150-I-1-A MS	Matrix Spike	Total/NA	Water	505	
380-206150-J-1-A MS	Matrix Spike	Total/NA	Water	505	

Analysis Batch: 218244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	505	218087
MB 380-218087/3-A	Method Blank	Total/NA	Water	505	218087
LCS 380-218087/28-A	Lab Control Sample	Total/NA	Water	505	218087
LCS 380-218087/29-A	Lab Control Sample	Total/NA	Water	505	218087
LCS 380-218087/31-A	Lab Control Sample	Total/NA	Water	505	218087
LCSD 380-218087/30-A	Lab Control Sample Dup	Total/NA	Water	505	218087
MRL 380-218087/1-A	Lab Control Sample	Total/NA	Water	505	218087
MRL 380-218087/2-A	Lab Control Sample	Total/NA	Water	505	218087
380-206150-I-1-A MS	Matrix Spike	Total/NA	Water	505	218087
380-206150-J-1-A MS	Matrix Spike	Total/NA	Water	505	218087

Prep Batch: 218306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	504.1	
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	504.1	
MBL 380-218306/4-A	Method Blank	Total/NA	Water	504.1	
LCS 380-218306/29-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-218306/2-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-218306/3-A	Lab Control Sample	Total/NA	Water	504.1	
380-206204-BV-1-A MS	Matrix Spike	Total/NA	Water	504.1	
380-206332-BQ-1-A DU	Duplicate	Total/NA	Water	504.1	

Analysis Batch: 218526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	504.1	218306
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	504.1	218306
MBL 380-218306/4-A	Method Blank	Total/NA	Water	504.1	218306
LCS 380-218306/29-A	Lab Control Sample	Total/NA	Water	504.1	218306
MRL 380-218306/2-A	Lab Control Sample	Total/NA	Water	504.1	218306
MRL 380-218306/3-A	Lab Control Sample	Total/NA	Water	504.1	218306
380-206204-BV-1-A MS	Matrix Spike	Total/NA	Water	504.1	218306
380-206332-BQ-1-A DU	Duplicate	Total/NA	Water	504.1	218306

Prep Batch: 720612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	3510C	
MB 570-720612/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-720612/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-720612/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-720612/4-A	Lab Control Sample	Total/NA	Water	3510C	

GC Semi VOA

Analysis Batch: 720996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B	720612
MB 570-720612/1-A	Method Blank	Total/NA	Water	8015B	720612
LCS 570-720612/2-A	Lab Control Sample	Total/NA	Water	8015B	720612
LCSD 570-720612/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	720612
MRL 570-720612/4-A	Lab Control Sample	Total/NA	Water	8015B	720612

Analysis Batch: 723893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B	
MB 570-723893/3	Method Blank	Total/NA	Water	8015B	
LCS 570-723893/4	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-723893/5	Lab Control Sample Dup	Total/NA	Water	8015B	
MRL 570-723893/6	Lab Control Sample	Total/NA	Water	8015B	
380-207013-AB-1 MS	Matrix Spike	Total/NA	Water	8015B	
380-207013-AB-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

HPLC/IC

Analysis Batch: 217761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	300.0	
MB 380-217761/38	Method Blank	Total/NA	Water	300.0	
LCS 380-217761/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-217761/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-217761/39	Lab Control Sample	Total/NA	Water	300.0	
380-206184-K-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-206184-K-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 217762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	300.0	
MB 380-217762/38	Method Blank	Total/NA	Water	300.0	
LCS 380-217762/40	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-217762/41	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-217762/39	Lab Control Sample	Total/NA	Water	300.0	
380-206184-K-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-206184-K-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 218974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	300.0	
MB 380-218974/6	Method Blank	Total/NA	Water	300.0	
LCS 380-218974/7	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-218974/8	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-218974/5	Lab Control Sample	Total/NA	Water	300.0	
380-206826-V-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-206826-V-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Analysis Batch: 217861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	200.8	
MBL 380-217861/75	Method Blank	Total/NA	Water	200.8	
LCS 380-217861/77	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-217861/78	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-217861/76	Lab Control Sample	Total/NA	Water	200.8	
380-206165-A-1 MS	Matrix Spike	Total/NA	Water	200.8	
380-206165-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 218116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	200.7 Rev 4.4	
MBL 380-218116/50	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 380-218116/52	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LCSD 380-218116/53	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-218116/51	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
380-206177-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	200.7 Rev 4.4	
380-206177-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	200.7 Rev 4.4	

Prep Batch: 218250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total Recoverable	Water	200.8	
MBL 380-218250/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 380-218250/3-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 380-218250/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 380-218250/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
380-206403-C-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	
380-206403-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 218823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total Recoverable	Water	200.8	218250
MBL 380-218250/1-A	Method Blank	Total Recoverable	Water	200.8	218250
LCS 380-218250/3-A	Lab Control Sample	Total Recoverable	Water	200.8	218250
LCSD 380-218250/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	218250
LLCS 380-218250/2-A	Lab Control Sample	Total Recoverable	Water	200.8	218250
380-206403-C-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	218250
380-206403-C-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	218250

General Chemistry

Analysis Batch: 218103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 4500 S2 D	
MB 380-218103/3	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 380-218103/5	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
LCSD 380-218103/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 D	
MRL 380-218103/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
380-206177-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 4500 S2 D	
380-206177-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 4500 S2 D	

General Chemistry

Analysis Batch: 218134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 2540C	
MB 380-218134/1	Method Blank	Total/NA	Water	SM 2540C	
HLCS 380-218134/4	Lab Control Sample	Total/NA	Water	SM 2540C	
LCS 380-218134/3	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-218134/2	Lab Control Sample	Total/NA	Water	SM 2540C	
380-206198-I-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 218544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 2320B	
MB 380-218544/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 380-218544/3	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 380-218544/18	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 380-218544/4	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 380-218544/2	Lab Control Sample	Total/NA	Water	SM 2320B	
380-205995-R-1 MS	Matrix Spike	Total/NA	Water	SM 2320B	
380-205995-R-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 2320B	
380-205995-R-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 218547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 2510B	
MB 380-218547/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 380-218547/5	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 380-218547/17	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
MRL 380-218547/4	Lab Control Sample	Total/NA	Water	SM 2510B	
380-205995-R-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Analysis Batch: 218549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 4500 H+ B	
MB 380-218549/5	Method Blank	Total/NA	Water	SM 4500 H+ B	
LCS 380-218549/6	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 380-218549/18	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
380-205995-R-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 218802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	SM 4500 F C	
MB 380-218802/40	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 380-218802/42	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCSD 380-218802/43	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	
MRL 380-218802/41	Lab Control Sample	Total/NA	Water	SM 4500 F C	
380-206043-A-12 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-206043-A-12 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Lab Chronicle

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	218038	C4WQ	EA POM	04/04/26 17:46
Total/NA	Analysis	524.2		1	217857	WE3W	EA POM	04/04/26 17:46
Total/NA	Analysis	524.2		1	218352	YNB8	EA POM	04/08/26 00:01
Total/NA	Prep	525.2			218277	KRD3	EA POM	04/07/26 10:44
Total/NA	Analysis	525.2		1	218602	Q8LA	EA POM	04/08/26 17:05
Total/NA	Prep	625.1			719700	BN8X	EET CAL 4	04/04/26 20:59
Total/NA	Analysis	625.1		1	724152	PQS1	EET CAL 4	04/14/26 17:03
Total/NA	Prep	625.1			719700	BN8X	EET CAL 4	04/04/26 20:59
Total/NA	Analysis	625.1 SIM		1	722093	PQS1	EET CAL 4	04/09/26 20:20
Total/NA	Analysis	8015B GRO LL		1	724791	A9VE	EET CAL 4	04/15/26 15:39
Total/NA	Prep	504.1			218306	X5FS	EA POM	04/07/26 15:15 - 04/07/26 16:08 [1]
Total/NA	Analysis	504.1		1	218526	X5FS	EA POM	04/08/26 01:55
Total/NA	Prep	505			218087	DR5R	EA POM	04/06/26 13:03 - 04/06/26 14:38 [1]
Total/NA	Analysis	505		1	218244	DR5R	EA POM	04/06/26 17:15
Total/NA	Prep	3510C			720612	TVD6	EET CAL 4	04/07/26 09:29
Total/NA	Analysis	8015B		1	720996	TR8L	EET CAL 4	04/07/26 23:12
Total/NA	Analysis	8015B		1	723893	UJ3K	EET CAL 4	04/14/26 15:09
Total/NA	Analysis	300.0		5	217761	BG6L	EA POM	04/03/26 22:44
Total/NA	Analysis	300.0		5	217762	BG6L	EA POM	04/03/26 22:44
Total/NA	Analysis	300.0		5	218974	UNJR	EA POM	04/10/26 04:17
Total/NA	Analysis	200.7 Rev 4.4		1	218116	MF7S	EA POM	04/06/26 13:18
Total Recoverable	Prep	200.8			218250	Z45W	EA POM	04/07/26 09:15
Total Recoverable	Analysis	200.8		1	218823	T8BB	EA POM	04/08/26 17:50
Total/NA	Analysis	200.8		1	217861	T8BB	EA POM	04/04/26 12:52
Total/NA	Analysis	SM 2320B		1	218544	PK4Q	EA POM	04/07/26 18:09
Total/NA	Analysis	SM 2510B		1	218547	PK4Q	EA POM	04/07/26 18:09
Total/NA	Analysis	SM 2540C		1	218134	UJRF	EA POM	04/06/26 15:45
Total/NA	Analysis	SM 4500 F C		1	218802	PK4Q	EA POM	04/08/26 14:26
Total/NA	Analysis	SM 4500 H+ B		1	218549	PK4Q	EA POM	04/07/26 18:09
Total/NA	Analysis	SM 4500 S2 D		1	218103	MQP5	EA POM	04/06/26 15:05

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Date Collected: 04/02/26 10:33
Date Received: 04/03/26 10:22

Lab Sample ID: 380-206177-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	217892	Q6AD	EA POM	04/05/26 18:00
Total/NA	Analysis	524.2		1	218267	YNB8	EA POM	04/07/26 15:46
Total/NA	Analysis	8015B GRO LL		1	724791	A9VE	EET CAL 4	04/15/26 16:03
Total/NA	Prep	504.1			218306	X5FS	EA POM	04/07/26 15:15 - 04/07/26 16:08 [1]
Total/NA	Analysis	504.1		1	218526	X5FS	EA POM	04/08/26 02:16

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

Lab Chronicle

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Laboratory References:

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

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

Accreditation/Certification Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Laboratory: Eurofins Pomona

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
505	505	Water	Polychlorinated biphenyls, Total
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	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

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

Accreditation/Certification Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Laboratory: Eurofins Pomona (Continued)

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

Authority	Program	Identification Number	Expiration Date

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

Analysis Method	Prep Method	Matrix	Analyte
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
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	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells 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
200.8	Preparation, Total Recoverable Metals	EPA	EA POM
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
504.1	Microextraction	EPA-DW	EA POM
505	Extraction, Organohalide Pesticides	EPA	EA POM
525.2	Extraction of Semivolatile Compounds	EPA	EA POM
625.1	Liquid-Liquid Extraction	40CFR136A	EET CAL 4
None	Autocomplete Prep - Metals - No Digestion required	None	EA POM

Protocol References:

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

Laboratory References:

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

Sample Summary

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

Job ID: 380-206177-1
SDG: Quarterly: Halawa Wells P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-206177-1	HALAWA WELLS P1 (331-023-WL065)	Water	04/02/26 10:33	04/03/26 10:22	HI0000331
380-206177-2	TB: HALAWA WELLS P1 (331-023-WL065)	Water	04/02/26 10:33	04/03/26 10:22	

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

Chain of Custody Record

eurofins

380-206177 COC

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 Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	604.1_PREC, 505_LL_PREC	2320B, 2510B, SM4500_H+	200.7, 200.8	2540C_Calcd Total dissolved Solids (TDS)	SM4500_S2_D - Sulfide, Total	524.2_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		
Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		
TB Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033										2				2					

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment: FedEx 8702 7541 4764
[redacted]	Date/Time: 02Apr12026 1400	Company: HBWS	Received by: Mark Murata
Relinquished by:	Date/Time:	Company:	Received by:
Relinquished by:	Date/Time:	Company:	Received by:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: (6314) 3.5+0.2=3.7 gal. frozen

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:	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		
Halawa Wells P1 (331-023-WL065)				Water					
TB: Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033					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: FedEx: 8702 7541 4764		
Relinquished by: bailey	Date/Time: 02Apr 2026 1400	Company: HBWS	Received by: Mark Morantz	Date/Time: 4/3/26 1022	Company: 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: (631A) 3.5+0.2=3.7 gel-pack

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

380-206177 COC

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 Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6041_PREC, 505_LL_PREC	2320B, 2510B, SM4500_H+	200.7, 200.8	2540C_Calcd Total dissolved Solids (TDS)	SM4500_S2_D - Sulfide, Total	624.2_Pres_PREC, 624.2_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		
Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033	G	Water			6	1	1	1	1	6	3	2	1	3	2	2	2		
TB Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033										2				2					

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

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

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment: FedEx 8702 7541 4704		
[redacted]	Date/Time: 02Apr12026 1400	Company: HBWS	Received by: Mack Murata	Date/Time: 4/3/26 1022	Company: EEHP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: (631A) 3.5+0.2=3.7 gal. frozen

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page: Page 2 of 2
Company: City & County of Honolulu	PWSID:			Job #:
Address: 630 South Beretania Street; Chemistry Lab	Due Date Requested:			
City: Honolulu	TAT Requested (days):			
State, Zip: HI 96843	Compliance Project: Δ No			
Phone: 808-748-5040 (tel)	PO #: C20525101 exp 05312023			
Email: kiwamoto@hbws.org	WO #:			
Project Name: RED-HILL	Project #: 38001111			
Site:	SSOW#:			

Analysis Requested

Preservation Codes

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	504.1_PREC Local Method	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R		
Halawa Wells P1 (331-023-WL065)				Water					
TB: Halawa Wells P1 (331-023-WL065)	2-Apr-2026	1033					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: FedEx: 8702 7541 4764

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
bailey	02Apr12026 1400	HBWS	Mark Morantz	4/3/26 1022	EEAP

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: (631A) 3.5+0.2=3.7 gel-pack

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environ

Loc: 380
206177

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-320835.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest L		Accreditations Required (See note): State - Hawaii		Job #: 380-206177-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/16/2026	Analysis Requested		Preservation Codes: -
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/waste, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAIEthanol	8015B_DRO_LL_C5/3510C_LL/HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HALAWA WELLS P1 (331-023-WL065) (380-206177-1)	4/2/26	10:33 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-206177-2)	4/2/26	10:33 Hawaiian	G	Water					X			2	MRLs are needed. Confirm any hits >RL.

380-206177 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/4/26 0900	Eur		4-4-26 9:01	WP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4-4-26 9:54	WP		4/4/26 9:54	EC
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: 3.1/3.2 1.3/1.4 IR

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

Chain of Custody Record

eurofins | Environ

Loc: 380
206177

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-320835.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest L		Accreditations Required (See note): State - Hawaii		Job #: 380-206177-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/16/2026	Analysis Requested		Preservation Codes: -
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/waste, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DAIEthanol	8015B_DRO_LL_C5/3510C_LL/HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
HALAWA WELLS P1 (331-023-WL065) (380-206177-1)	4/2/26	10:33 Hawaiian	G	Water			X	X	X	X	X	9	MRLs are needed., MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-206177-2)	4/2/26	10:33 Hawaiian	G	Water					X			2	MRLs are needed. Confirm any hits >RL.

380-206177 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4/4/26 0901	Eur		4-4-26 9:01	WP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	4-4-26 9:54	WP		4/4/26 9:54	EC
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: 3.1 / 3.2 1.3/1.4 IR

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-206177-1
SDG Number: Quarterly: Halawa Wells P1

Login Number: 206177
List Number: 1
Creator: Edrosa, Rey

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
ClO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-206177-1
SDG Number: Quarterly: Halawa Wells P1

Login Number: 206177
List Number: 2
Creator: Yu, Tiffany

List Source: Eurofins Calscience
List Creation: 04/04/26 01:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2,1.4
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	