eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/29/2026 11:28:33 PM

JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site H

JOB NUMBER

380-192681-1

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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Authorized for release by
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Table of Contents

Qualifiers

GC/MS Semi VOA TICs

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

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
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
380-192681-1

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 1/15/2026 9:38 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 3.0°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
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: Analysis of 8015_DRO for BWS2253-H1-AQ (380-192681-1) collected on 01/14/26 is a resample for BWS2253-H1-AQ (380-178838-1) collected on 10/22/25. (XWB4)

Method 8015B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (380-192922-A-1-B MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-AQ — Lab Sample ID: 380-192681-1

No Detections.

Client Sample ID: BWS2253-H1-TB — Lab Sample ID: 380-192681-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-AQ
Date Collected: 01/14/26 11:20
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192681-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.0		2.0		ug/L			01/25/26 14:02	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			01/25/26 14:02	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,1-Dichloroethane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,1-Dichloroethene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,1-Dichloropropene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			01/25/26 14:02	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			01/25/26 14:02	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,2-Dichloroethane	<0.50		0.50		ug/L			01/25/26 14:02	1
1,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
1,3-Dichloropropane	<1.0		1.0		ug/L			01/25/26 14:02	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
2,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 14:02	1
2-Butanone	<10		10		ug/L			01/25/26 14:02	1
2-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 14:02	1
2-Hexanone	<10		10		ug/L			01/25/26 14:02	1
4-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 14:02	1
Acetone	<10		10		ug/L			01/25/26 14:02	1
Benzene	<0.50		0.50		ug/L			01/25/26 14:02	1
Bromobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
Bromochloromethane	<2.0		2.0		ug/L			01/25/26 14:02	1
Bromodichloromethane	<1.0		1.0		ug/L			01/25/26 14:02	1
Bromoform	<5.0		5.0		ug/L			01/25/26 14:02	1
Bromomethane	<10		10		ug/L			01/25/26 14:02	1
Carbon disulfide	<10		10		ug/L			01/25/26 14:02	1
Carbon tetrachloride	<0.50		0.50		ug/L			01/25/26 14:02	1
Chlorobenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
Chloroethane	<5.0		5.0		ug/L			01/25/26 14:02	1
Chloroform	<1.0		1.0		ug/L			01/25/26 14:02	1
Chloromethane	<10		10		ug/L			01/25/26 14:02	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 14:02	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 14:02	1
Dibromochloromethane	<2.0		2.0		ug/L			01/25/26 14:02	1
Dibromomethane	<1.0		1.0		ug/L			01/25/26 14:02	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			01/25/26 14:02	1
Diethyl ether	<10		10		ug/L			01/25/26 14:02	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			01/25/26 14:02	1
Ethanol	<100		100		ug/L			01/25/26 14:02	1
Ethylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
Ethylene Dibromide	<1.0		1.0		ug/L			01/25/26 14:02	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			01/25/26 14:02	1

Client Sample ID: BWS2253-H1-AQ
Date Collected: 01/14/26 11:20
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192681-1
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	<10		10		ug/L			01/25/26 14:02	1
Hexane	<5.0		5.0		ug/L			01/25/26 14:02	1
Isobutyl alcohol	<75		75		ug/L			01/25/26 14:02	1
Isopropanol	<75		75		ug/L			01/25/26 14:02	1
Isopropylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
m,p-Xylene	<2.0		2.0		ug/L			01/25/26 14:02	1
Methylene Chloride	<10		10		ug/L			01/25/26 14:02	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			01/25/26 14:02	1
MIBK	<10		10		ug/L			01/25/26 14:02	1
Naphthalene	<10		10		ug/L			01/25/26 14:02	1
n-Butylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
N-Propylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
o-Xylene	<1.0		1.0		ug/L			01/25/26 14:02	1
p-Isopropyltoluene	<1.0		1.0		ug/L			01/25/26 14:02	1
sec-Butylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
Styrene	<1.0		1.0		ug/L			01/25/26 14:02	1
tert-Amyl alcohol	<50		50		ug/L			01/25/26 14:02	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			01/25/26 14:02	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			01/25/26 14:02	1
tert-Butylbenzene	<1.0		1.0		ug/L			01/25/26 14:02	1
Tetrachloroethene	<1.0		1.0		ug/L			01/25/26 14:02	1
Toluene	<1.0		1.0		ug/L			01/25/26 14:02	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 14:02	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 14:02	1
Trichloroethene	<1.0		1.0		ug/L			01/25/26 14:02	1
Trichlorofluoromethane	<10		10		ug/L			01/25/26 14:02	1
Vinyl acetate	<10		10		ug/L			01/25/26 14:02	1
Vinyl chloride	<0.50		0.50		ug/L			01/25/26 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*80 - 120*		*01/25/26 14:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*01/25/26 14:02*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*01/25/26 14:02*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*01/25/26 14:02*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
2-Methylnaphthalene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Acenaphthene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Acenaphthylene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Anthracene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Benzo[a]anthracene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Benzo[a]pyrene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Chrysene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Fluoranthene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-192681-1

Date Collected: 01/14/26 11:20
Matrix: Water
Date Received: 01/15/26 09:38

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Naphthalene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Phenanthrene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1
Pyrene	<0.19		0.19		ug/L		01/20/26 06:01	01/28/26 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*	*01/20/26 06:01*	*01/28/26 17:43*	*1*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*	*01/20/26 06:01*	*01/28/26 17:43*	*1*
2-Fluorophenol (Surr)	*44*		*17 - 120*	*01/20/26 06:01*	*01/28/26 17:43*	*1*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*	*01/20/26 06:01*	*01/28/26 17:43*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*01/20/26 06:01*	*01/28/26 17:43*	*1*
p-Terphenyl-d14 (Surr)	*70*		*45 - 120*	*01/20/26 06:01*	*01/28/26 17:43*	*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*
Butylated Hydroxytoluene	*7.9*	*T J N*	*ug/L*		*6.77*	*128-37-0*	*01/20/26 06:01*	*01/29/26 20:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*33 - 139*	*01/20/26 06:01*	*01/29/26 20:35*	*1*
2-Fluorobiphenyl (Surr)	*78*		*33 - 126*	*01/20/26 06:01*	*01/29/26 20:35*	*1*
2-Fluorophenol (Surr)	*48*		*12 - 120*	*01/20/26 06:01*	*01/29/26 20:35*	*1*
Nitrobenzene-d5 (Surr)	*89*		*36 - 120*	*01/20/26 06:01*	*01/29/26 20:35*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*01/20/26 06:01*	*01/29/26 20:35*	*1*
p-Terphenyl-d14 (Surr)	*82*		*47 - 131*	*01/20/26 06:01*	*01/29/26 20:35*	*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			01/17/26 20:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*		*01/17/26 20:11*	*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)	<25		25		ug/L		01/19/26 10:30	01/24/26 23:59	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		01/19/26 10:30	01/24/26 23:59	1
C8-C18	<25		25		ug/L		01/19/26 10:30	01/24/26 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*123*		*60 - 130*	*01/19/26 10:30*	*01/24/26 23:59*	*1*

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-192681-2

Date Collected: 01/14/26 11:20
Matrix: Water
Date Received: 01/15/26 09:38

Method: SW846 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<2.0		2.0		ug/L			01/25/26 12:56	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			01/25/26 12:56	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			01/25/26 12:56	1

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-TB
Date Collected: 01/14/26 11:20
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192681-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			01/25/26 12:56	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			01/25/26 12:56	1
1,1-Dichloroethane	<1.0		1.0		ug/L			01/25/26 12:56	1
1,1-Dichloroethene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,1-Dichloropropene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			01/25/26 12:56	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			01/25/26 12:56	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,2-Dichloroethane	<0.50		0.50		ug/L			01/25/26 12:56	1
1,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 12:56	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
1,3-Dichloropropane	<1.0		1.0		ug/L			01/25/26 12:56	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
2,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 12:56	1
2-Butanone	<10		10		ug/L			01/25/26 12:56	1
2-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 12:56	1
2-Hexanone	<10		10		ug/L			01/25/26 12:56	1
4-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 12:56	1
Acetone	<10		10		ug/L			01/25/26 12:56	1
Benzene	<0.50		0.50		ug/L			01/25/26 12:56	1
Bromobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
Bromochloromethane	<2.0		2.0		ug/L			01/25/26 12:56	1
Bromodichloromethane	<1.0		1.0		ug/L			01/25/26 12:56	1
Bromoform	<5.0		5.0		ug/L			01/25/26 12:56	1
Bromomethane	<10		10		ug/L			01/25/26 12:56	1
Carbon disulfide	<10		10		ug/L			01/25/26 12:56	1
Carbon tetrachloride	<0.50		0.50		ug/L			01/25/26 12:56	1
Chlorobenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
Chloroethane	<5.0		5.0		ug/L			01/25/26 12:56	1
Chloroform	<1.0		1.0		ug/L			01/25/26 12:56	1
Chloromethane	<10		10		ug/L			01/25/26 12:56	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 12:56	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 12:56	1
Dibromochloromethane	<2.0		2.0		ug/L			01/25/26 12:56	1
Dibromomethane	<1.0		1.0		ug/L			01/25/26 12:56	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			01/25/26 12:56	1
Diethyl ether	<10		10		ug/L			01/25/26 12:56	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			01/25/26 12:56	1
Ethanol	<100		100		ug/L			01/25/26 12:56	1
Ethylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
Ethylene Dibromide	<1.0		1.0		ug/L			01/25/26 12:56	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			01/25/26 12:56	1
Hexachloro-1,3-butadiene	<10		10		ug/L			01/25/26 12:56	1
Hexane	<5.0		5.0		ug/L			01/25/26 12:56	1
Isobutyl alcohol	<75		75		ug/L			01/25/26 12:56	1

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-TB
Date Collected: 01/14/26 11:20
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192681-2
Matrix: Water

Method: SW846 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75		ug/L			01/25/26 12:56	1
Isopropylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
m,p-Xylene	<2.0		2.0		ug/L			01/25/26 12:56	1
Methylene Chloride	<10		10		ug/L			01/25/26 12:56	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			01/25/26 12:56	1
MIBK	<10		10		ug/L			01/25/26 12:56	1
Naphthalene	<10		10		ug/L			01/25/26 12:56	1
n-Butylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
N-Propylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
o-Xylene	<1.0		1.0		ug/L			01/25/26 12:56	1
p-Isopropyltoluene	<1.0		1.0		ug/L			01/25/26 12:56	1
sec-Butylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
Styrene	<1.0		1.0		ug/L			01/25/26 12:56	1
tert-Amyl alcohol	<50		50		ug/L			01/25/26 12:56	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			01/25/26 12:56	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			01/25/26 12:56	1
tert-Butylbenzene	<1.0		1.0		ug/L			01/25/26 12:56	1
Tetrachloroethene	<1.0		1.0		ug/L			01/25/26 12:56	1
Toluene	<1.0		1.0		ug/L			01/25/26 12:56	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 12:56	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 12:56	1
Trichloroethene	<1.0		1.0		ug/L			01/25/26 12:56	1
Trichlorofluoromethane	<10		10		ug/L			01/25/26 12:56	1
Vinyl acetate	<10		10		ug/L			01/25/26 12:56	1
Vinyl chloride	<0.50		0.50		ug/L			01/25/26 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*80 - 120*		*01/25/26 12:56*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*01/25/26 12:56*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*01/25/26 12:56*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*01/25/26 12:56*	*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			01/17/26 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*		*01/17/26 19:48*	*1*

Action Limit Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-AQ — Lab Sample ID: 380-192681-1

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	EPAMCL Limit	HI Org Limit	RL	Method	Prep Type
1,1,1-Trichloroethane	<1.0		ug/L	200	200.0	1.0	8260B	Total/NA
1,1,2-Trichloroethane	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
1,1-Dichloroethene	<1.0		ug/L	7	7.000	1.0	8260B	Total/NA
1,2,3-Trichloropropane	<5.0		ug/L		0.6000	5.0	8260B	Total/NA
1,2,4-Trichlorobenzene	<1.0		ug/L	70	70.00	1.0	8260B	Total/NA
1,2-Dibromo-3-Chloropropane	<10		ug/L	0.2		10	8260B	Total/NA
1,2-Dichlorobenzene	<1.0		ug/L	600	600.0	1.0	8260B	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA
1,2-Dichloropropane	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
1,4-Dichlorobenzene	<1.0		ug/L	75	75.000	1.0	8260B	Total/NA
Benzene	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA
Bromodichloromethane	<1.0		ug/L	80		1.0	8260B	Total/NA
Bromoform	<5.0		ug/L	80		5.0	8260B	Total/NA
Carbon tetrachloride	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA
Chlorobenzene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Chloroform	<1.0		ug/L	80		1.0	8260B	Total/NA
cis-1,2-Dichloroethene	<1.0		ug/L	70	70.00	1.0	8260B	Total/NA
Dibromochloromethane	<2.0		ug/L	80		2.0	8260B	Total/NA
Ethylbenzene	<1.0		ug/L	700	700.0	1.0	8260B	Total/NA
Ethylene Dibromide	<1.0		ug/L	0.05		1.0	8260B	Total/NA
Methylene Chloride	<10		ug/L	5	5.000	10	8260B	Total/NA
Styrene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Tetrachloroethene	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
Toluene	<1.0		ug/L	1000	1000	1.0	8260B	Total/NA
trans-1,2-Dichloroethene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Trichloroethene	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
Vinyl chloride	<0.50		ug/L	2	2.000	0.50	8260B	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2		0.19	625.1 SIM	Total/NA

Client Sample ID: BWS2253-H1-TB — Lab Sample ID: 380-192681-2

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	EPAMCL Limit	HI Org Limit	RL	Method	Prep Type
1,1,1-Trichloroethane	<1.0		ug/L	200	200.0	1.0	8260B	Total/NA
1,1,2-Trichloroethane	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
1,1-Dichloroethene	<1.0		ug/L	7	7.000	1.0	8260B	Total/NA
1,2,3-Trichloropropane	<5.0		ug/L		0.6000	5.0	8260B	Total/NA
1,2,4-Trichlorobenzene	<1.0		ug/L	70	70.00	1.0	8260B	Total/NA
1,2-Dibromo-3-Chloropropane	<10		ug/L	0.2		10	8260B	Total/NA
1,2-Dichlorobenzene	<1.0		ug/L	600	600.0	1.0	8260B	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA
1,2-Dichloropropane	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
1,4-Dichlorobenzene	<1.0		ug/L	75	75.000	1.0	8260B	Total/NA
Benzene	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA

Action Limit Summary

Client: City & County of Honolulu
Job ID: 380-192681-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site H

Client Sample ID: BWS2253-H1-TB (Continued)
Lab Sample ID: 380-192681-2

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	EPAMCL Limit	HI Org Limit	RL	Method	Prep Type
Bromodichloromethane	<1.0		ug/L	80		1.0	8260B	Total/NA
Bromoform	<5.0		ug/L	80		5.0	8260B	Total/NA
Carbon tetrachloride	<0.50		ug/L	5	5.000	0.50	8260B	Total/NA
Chlorobenzene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Chloroform	<1.0		ug/L	80		1.0	8260B	Total/NA
cis-1,2-Dichloroethene	<1.0		ug/L	70	70.00	1.0	8260B	Total/NA
Dibromochloromethane	<2.0		ug/L	80		2.0	8260B	Total/NA
Ethylbenzene	<1.0		ug/L	700	700.0	1.0	8260B	Total/NA
Ethylene Dibromide	<1.0		ug/L	0.05		1.0	8260B	Total/NA
Methylene Chloride	<10		ug/L	5	5.000	10	8260B	Total/NA
Styrene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Tetrachloroethene	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
Toluene	<1.0		ug/L	1000	1000	1.0	8260B	Total/NA
trans-1,2-Dichloroethene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Trichloroethene	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
Vinyl chloride	<0.50		ug/L	2	2.000	0.50	8260B	Total/NA

Surrogate Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)							
		DCA	BFB	DBFM	TOL				
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)				
380-192681-1	BWS2253-H1-AQ	86	100	94	106				
380-192681-2	BWS2253-H1-TB	80	96	95	108				
570-264581-A-10 MS	Matrix Spike	104	95	101	100				
570-264581-A-10 MSD	Matrix Spike Duplicate	99	97	101	102				
LCS 570-686705/1003	Lab Control Sample	98	99	101	102				
LCSD 570-686705/4	Lab Control Sample Dup	97	98	100	104				
MB 570-686705/6	Method Blank	83	101	96	107				

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)		
380-192681-1	BWS2253-H1-AQ	58	78	48	89	28	82		
MB 570-684318/1-A	Method Blank	67	87	61	101	37	88		

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)		
380-192681-1	BWS2253-H1-AQ	84	70	44	76	28	70		
380-192972-A-1-A MS	Matrix Spike	80	75	51	74	34	76		
380-192972-A-1-B MSD	Matrix Spike Duplicate	86	80	54	80	36	82		
LCS 570-684318/2-A	Lab Control Sample	91	85	59	87	40	92		
LCSD 570-684318/3-A	Lab Control Sample Dup	93	89	63	90	43	92		
MB 570-684318/1-A	Method Blank	102	87	57	89	37	84		

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)

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-192681-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site H

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)								
380-192681-1	BWS2253-H1-AQ	98								
380-192681-2	BWS2253-H1-TB	98								
380-192922-C-1 MS	Matrix Spike	92								
380-192922-C-1 MSD	Matrix Spike Duplicate	96								
LCS 570-683659/3	Lab Control Sample	87								
LCSD 570-683659/4	Lab Control Sample Dup	98								
MB 570-683659/5	Method Blank	93								
MRL 570-683659/6	Lab Control Sample	87								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-192681-1	BWS2253-H1-AQ	123								
380-192922-A-1-A MS	Matrix Spike	120								
380-192922-A-1-B MSD	Matrix Spike Duplicate	133 S1+								
LCS 570-684016/2-A	Lab Control Sample	124								
LCSD 570-684016/3-A	Lab Control Sample Dup	130								
MB 570-684016/1-A	Method Blank	123								
MRL 570-684016/4-A	Lab Control Sample	122								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-686705/6
Matrix: Water
Analysis Batch: 686705

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	<2.0		2.0		ug/L			01/25/26 11:55	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			01/25/26 11:55	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,1-Dichloroethane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,1-Dichloroethene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,1-Dichloropropene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			01/25/26 11:55	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			01/25/26 11:55	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,2-Dichloroethane	<0.50		0.50		ug/L			01/25/26 11:55	1
1,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
1,3-Dichloropropane	<1.0		1.0		ug/L			01/25/26 11:55	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
2,2-Dichloropropane	<1.0		1.0		ug/L			01/25/26 11:55	1
2-Butanone	<10		10		ug/L			01/25/26 11:55	1
2-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 11:55	1
2-Hexanone	<10		10		ug/L			01/25/26 11:55	1
4-Chlorotoluene	<1.0		1.0		ug/L			01/25/26 11:55	1
Acetone	<10		10		ug/L			01/25/26 11:55	1
Benzene	<0.50		0.50		ug/L			01/25/26 11:55	1
Bromobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
Bromochloromethane	<2.0		2.0		ug/L			01/25/26 11:55	1
Bromodichloromethane	<1.0		1.0		ug/L			01/25/26 11:55	1
Bromoform	<5.0		5.0		ug/L			01/25/26 11:55	1
Bromomethane	<10		10		ug/L			01/25/26 11:55	1
Carbon disulfide	<10		10		ug/L			01/25/26 11:55	1
Carbon tetrachloride	<0.50		0.50		ug/L			01/25/26 11:55	1
Chlorobenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
Chloroethane	<5.0		5.0		ug/L			01/25/26 11:55	1
Chloroform	<1.0		1.0		ug/L			01/25/26 11:55	1
Chloromethane	<10		10		ug/L			01/25/26 11:55	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 11:55	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 11:55	1
Dibromochloromethane	<2.0		2.0		ug/L			01/25/26 11:55	1
Dibromomethane	<1.0		1.0		ug/L			01/25/26 11:55	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			01/25/26 11:55	1
Diethyl ether	<10		10		ug/L			01/25/26 11:55	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			01/25/26 11:55	1
Ethanol	<100		100		ug/L			01/25/26 11:55	1
Ethylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
Ethylene Dibromide	<1.0		1.0		ug/L			01/25/26 11:55	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-686705/6
Matrix: Water
Analysis Batch: 686705

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

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			01/25/26 11:55	1
Hexachloro-1,3-butadiene	<10		10		ug/L			01/25/26 11:55	1
Hexane	<5.0		5.0		ug/L			01/25/26 11:55	1
Isobutyl alcohol	<75		75		ug/L			01/25/26 11:55	1
Isopropanol	<75		75		ug/L			01/25/26 11:55	1
Isopropylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
m,p-Xylene	<2.0		2.0		ug/L			01/25/26 11:55	1
Methylene Chloride	<10		10		ug/L			01/25/26 11:55	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			01/25/26 11:55	1
MIBK	<10		10		ug/L			01/25/26 11:55	1
Naphthalene	<10		10		ug/L			01/25/26 11:55	1
n-Butylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
N-Propylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
o-Xylene	<1.0		1.0		ug/L			01/25/26 11:55	1
p-Isopropyltoluene	<1.0		1.0		ug/L			01/25/26 11:55	1
sec-Butylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
Styrene	<1.0		1.0		ug/L			01/25/26 11:55	1
tert-Amyl alcohol	<50		50		ug/L			01/25/26 11:55	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			01/25/26 11:55	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			01/25/26 11:55	1
tert-Butylbenzene	<1.0		1.0		ug/L			01/25/26 11:55	1
Tetrachloroethene	<1.0		1.0		ug/L			01/25/26 11:55	1
Toluene	<1.0		1.0		ug/L			01/25/26 11:55	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			01/25/26 11:55	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			01/25/26 11:55	1
Trichloroethene	<1.0		1.0		ug/L			01/25/26 11:55	1
Trichlorofluoromethane	<10		10		ug/L			01/25/26 11:55	1
Vinyl acetate	<10		10		ug/L			01/25/26 11:55	1
Vinyl chloride	<0.50		0.50		ug/L			01/25/26 11:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*80 - 120*		*01/25/26 11:55*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*01/25/26 11:55*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*01/25/26 11:55*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*01/25/26 11:55*	*1*

Lab Sample ID: LCS 570-686705/1003
Matrix: Water
Analysis Batch: 686705

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	20.0	18.7		ug/L		94	83 - 120
1,1,1-Trichloroethane	20.0	18.6		ug/L		93	78 - 123
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.5		ug/L		88	72 - 130
1,1,2-Trichloroethane	20.0	17.2		ug/L		86	82 - 120
1,1-Dichloroethane	20.0	19.5		ug/L		98	79 - 122
1,1-Dichloroethene	20.0	18.3		ug/L		91	74 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-686705/1003
Matrix: Water
Analysis Batch: 686705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloropropene	20.0	20.4		ug/L		102	75 - 124
1,2,3-Trichlorobenzene	20.0	18.9		ug/L		95	71 - 126
1,2,3-Trichloropropane	20.0	19.5		ug/L		97	73 - 121
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		95	70 - 130
1,2,4-Trimethylbenzene	20.0	19.7		ug/L		98	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.1		ug/L		111	64 - 127
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	78 - 122
1,2-Dichloroethane	20.0	19.2		ug/L		96	76 - 123
1,2-Dichloropropane	20.0	18.0		ug/L		90	82 - 120
1,3,5-Trimethylbenzene	20.0	19.1		ug/L		96	79 - 124
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	81 - 120
1,3-Dichloropropane	20.0	18.6		ug/L		93	82 - 120
1,4-Dichlorobenzene	20.0	18.7		ug/L		93	78 - 121
2,2-Dichloropropane	20.0	20.9		ug/L		105	69 - 133
2-Butanone	20.0	15.1		ug/L		75	55 - 142
2-Chlorotoluene	20.0	19.1		ug/L		95	80 - 120
2-Hexanone	20.0	16.2		ug/L		81	54 - 138
4-Chlorotoluene	20.0	19.8		ug/L		99	80 - 121
Acetone	20.0	17.2		ug/L		86	50 - 157
Benzene	20.0	20.1		ug/L		101	80 - 120
Bromobenzene	20.0	19.4		ug/L		97	80 - 120
Bromochloromethane	20.0	20.4		ug/L		102	83 - 123
Bromodichloromethane	20.0	18.6		ug/L		93	83 - 120
Bromoform	20.0	18.0		ug/L		90	75 - 128
Bromomethane	20.0	23.3		ug/L		117	31 - 120
Carbon disulfide	20.0	20.0		ug/L		100	71 - 128
Carbon tetrachloride	20.0	20.1		ug/L		101	72 - 135
Chlorobenzene	20.0	19.5		ug/L		97	84 - 120
Chloroethane	20.0	18.1		ug/L		91	72 - 129
Chloroform	20.0	18.4		ug/L		92	79 - 120
Chloromethane	20.0	18.4		ug/L		92	36 - 148
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	81 - 120
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	76 - 125
Dibromochloromethane	20.0	18.3		ug/L		91	82 - 120
Dibromomethane	20.0	20.3		ug/L		101	85 - 120
Dichlorodifluoromethane	20.0	15.7		ug/L		79	52 - 147
Diethyl ether	20.0	14.7		ug/L		74	71 - 127
Di-isopropyl ether (DIPE)	20.0	16.6		ug/L		83	70 - 132
Ethanol	200	206		ug/L		103	48 - 163
Ethylbenzene	20.0	20.2		ug/L		101	81 - 120
Ethylene Dibromide	20.0	17.3		ug/L		87	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	18.5		ug/L		92	68 - 126
Isopropylbenzene	20.0	19.4		ug/L		97	80 - 122
m,p-Xylene	40.0	38.5		ug/L		96	79 - 122
Methylene Chloride	20.0	18.9		ug/L		95	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	18.3		ug/L		92	70 - 124
MIBK	20.0	19.1		ug/L		95	57 - 133
Naphthalene	20.0	17.3		ug/L		86	64 - 124
n-Butylbenzene	20.0	20.2		ug/L		101	78 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-686705/1003
Matrix: Water
Analysis Batch: 686705

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	20.0	19.7		ug/L		99	80 - 121
o-Xylene	20.0	19.5		ug/L		98	81 - 120
p-Isopropyltoluene	20.0	19.9		ug/L		99	81 - 124
sec-Butylbenzene	20.0	20.0		ug/L		100	80 - 123
Styrene	20.0	19.5		ug/L		98	82 - 120
tert-Amyl alcohol	100	92.9		ug/L		93	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	18.2		ug/L		91	71 - 121
tert-Butyl alcohol (TBA)	100	88.7		ug/L		89	68 - 128
tert-Butylbenzene	20.0	19.3		ug/L		97	80 - 124
Tetrachloroethene	20.0	20.3		ug/L		101	78 - 126
Toluene	20.0	20.7		ug/L		103	82 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	79 - 122
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	73 - 127
Trichloroethene	20.0	19.3		ug/L		96	83 - 120
Trichlorofluoromethane	20.0	20.5		ug/L		102	74 - 135
Vinyl acetate	20.0	19.4		ug/L		97	56 - 135
Vinyl chloride	20.0	19.2		ug/L		96	68 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 570-686705/4
Matrix: Water
Analysis Batch: 686705

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	20.0	19.5		ug/L		98	83 - 120	4	20
1,1,1-Trichloroethane	20.0	18.4		ug/L		92	78 - 123	1	20
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		100	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		90	72 - 130	3	20
1,1,2-Trichloroethane	20.0	16.6		ug/L		83	82 - 120	4	20
1,1-Dichloroethane	20.0	19.4		ug/L		97	79 - 122	1	20
1,1-Dichloroethene	20.0	18.2		ug/L		91	74 - 127	1	20
1,1-Dichloropropene	20.0	20.0		ug/L		100	75 - 124	2	20
1,2,3-Trichlorobenzene	20.0	19.4		ug/L		97	71 - 126	2	20
1,2,3-Trichloropropane	20.0	20.3		ug/L		101	73 - 121	4	20
1,2,4-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130	1	20
1,2,4-Trimethylbenzene	20.0	19.3		ug/L		97	80 - 125	2	20
1,2-Dibromo-3-Chloropropane	20.0	21.8		ug/L		109	64 - 127	2	20
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	78 - 122	4	20
1,2-Dichloroethane	20.0	19.7		ug/L		98	76 - 123	3	20
1,2-Dichloropropane	20.0	17.5		ug/L		87	82 - 120	3	20
1,3,5-Trimethylbenzene	20.0	19.2		ug/L		96	79 - 124	1	20
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	81 - 120	0	20
1,3-Dichloropropane	20.0	18.8		ug/L		94	82 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-686705/4
Matrix: Water
Analysis Batch: 686705

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
1,4-Dichlorobenzene	20.0	19.0		ug/L		95	78 - 121	1	20
2,2-Dichloropropane	20.0	21.0		ug/L		105	69 - 133	0	20
2-Butanone	20.0	14.8		ug/L		74	55 - 142	2	21
2-Chlorotoluene	20.0	19.3		ug/L		97	80 - 120	1	20
2-Hexanone	20.0	14.9		ug/L		75	54 - 138	8	21
4-Chlorotoluene	20.0	19.8		ug/L		99	80 - 121	0	20
Acetone	20.0	16.5		ug/L		82	50 - 157	4	26
Benzene	20.0	20.4		ug/L		102	80 - 120	1	20
Bromobenzene	20.0	20.4		ug/L		102	80 - 120	5	20
Bromochloromethane	20.0	20.3		ug/L		102	83 - 123	0	20
Bromodichloromethane	20.0	18.7		ug/L		94	83 - 120	1	20
Bromoform	20.0	18.3		ug/L		92	75 - 128	2	20
Bromomethane	20.0	22.1		ug/L		111	31 - 120	5	22
Carbon disulfide	20.0	19.5		ug/L		98	71 - 128	2	20
Carbon tetrachloride	20.0	19.6		ug/L		98	72 - 135	3	20
Chlorobenzene	20.0	19.8		ug/L		99	84 - 120	2	20
Chloroethane	20.0	18.6		ug/L		93	72 - 129	2	20
Chloroform	20.0	18.1		ug/L		90	79 - 120	2	20
Chloromethane	20.0	18.0		ug/L		90	36 - 148	3	20
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	81 - 120	0	20
cis-1,3-Dichloropropene	20.0	18.3		ug/L		92	76 - 125	1	20
Dibromochloromethane	20.0	18.8		ug/L		94	82 - 120	3	20
Dibromomethane	20.0	20.8		ug/L		104	85 - 120	2	20
Dichlorodifluoromethane	20.0	14.8		ug/L		74	52 - 147	6	20
Diethyl ether	20.0	14.9		ug/L		74	71 - 127	1	20
Di-isopropyl ether (DIPE)	20.0	17.0		ug/L		85	70 - 132	3	20
Ethanol	200	197		ug/L		98	48 - 163	4	30
Ethylbenzene	20.0	20.5		ug/L		103	81 - 120	2	20
Ethylene Dibromide	20.0	17.8		ug/L		89	81 - 120	2	20
Ethyl-t-butyl ether (ETBE)	20.0	18.6		ug/L		93	68 - 126	1	20
Isopropylbenzene	20.0	19.9		ug/L		99	80 - 122	3	20
m,p-Xylene	40.0	39.6		ug/L		99	79 - 122	3	20
Methylene Chloride	20.0	18.5		ug/L		92	76 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	20.0	18.3		ug/L		92	70 - 124	0	20
MIBK	20.0	18.7		ug/L		94	57 - 133	2	20
Naphthalene	20.0	17.4		ug/L		87	64 - 124	1	20
n-Butylbenzene	20.0	20.5		ug/L		102	78 - 127	1	20
N-Propylbenzene	20.0	20.3		ug/L		101	80 - 121	3	20
o-Xylene	20.0	19.6		ug/L		98	81 - 120	1	20
p-Isopropyltoluene	20.0	19.6		ug/L		98	81 - 124	1	20
sec-Butylbenzene	20.0	19.7		ug/L		99	80 - 123	1	20
Styrene	20.0	19.8		ug/L		99	82 - 120	1	20
tert-Amyl alcohol	100	86.9		ug/L		87	30 - 157	7	30
Tert-amyl-methyl ether (TAME)	20.0	19.1		ug/L		96	71 - 121	5	20
tert-Butyl alcohol (TBA)	100	90.7		ug/L		91	68 - 128	2	20
tert-Butylbenzene	20.0	19.9		ug/L		99	80 - 124	3	20
Tetrachloroethene	20.0	20.6		ug/L		103	78 - 126	2	20
Toluene	20.0	21.0		ug/L		105	82 - 120	1	20
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	79 - 122	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-686705/4
Matrix: Water
Analysis Batch: 686705

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
trans-1,3-Dichloropropene			20.0	19.4		ug/L		97	73 - 127	1	20
Trichloroethene			20.0	20.0		ug/L		100	83 - 120	4	20
Trichlorofluoromethane			20.0	19.2		ug/L		96	74 - 135	6	20
Vinyl acetate			20.0	18.7		ug/L		93	56 - 135	4	24
Vinyl chloride			20.0	19.0		ug/L		95	68 - 131	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 570-264581-A-10 MS
Matrix: Water
Analysis Batch: 686705

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	<2.0		20.0	18.4		ug/L		92	56 - 156
1,1,1-Trichloroethane	<1.0		20.0	18.7		ug/L		94	56 - 155
1,1,2,2-Tetrachloroethane	<1.0		20.0	20.2		ug/L		101	52 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	19.5		ug/L		97	45 - 156
1,1,2-Trichloroethane	<1.0		20.0	17.5		ug/L		88	64 - 142
1,1-Dichloroethane	<1.0		20.0	19.5		ug/L		98	58 - 151
1,1-Dichloroethene	1.7		20.0	20.1		ug/L		92	51 - 160
1,1-Dichloropropene	<1.0		20.0	21.3		ug/L		106	59 - 151
1,2,3-Trichlorobenzene	<1.0		20.0	18.5		ug/L		93	56 - 148
1,2,3-Trichloropropane	<5.0		20.0	19.7		ug/L		99	54 - 145
1,2,4-Trichlorobenzene	<1.0		20.0	18.8		ug/L		94	51 - 149
1,2,4-Trimethylbenzene	<1.0		20.0	19.1		ug/L		96	54 - 149
1,2-Dibromo-3-Chloropropane	<10		20.0	19.7		ug/L		98	43 - 149
1,2-Dichlorobenzene	<1.0		20.0	20.5		ug/L		102	64 - 144
1,2-Dichloroethane	6.8		20.0	26.3		ug/L		98	63 - 142
1,2-Dichloropropane	<1.0		20.0	18.0		ug/L		87	64 - 144
1,3,5-Trimethylbenzene	<1.0		20.0	18.7		ug/L		93	62 - 147
1,3-Dichlorobenzene	<1.0		20.0	18.9		ug/L		94	63 - 143
1,3-Dichloropropane	<1.0		20.0	19.0		ug/L		95	66 - 140
1,4-Dichlorobenzene	<1.0		20.0	18.5		ug/L		90	62 - 141
2,2-Dichloropropane	<1.0		20.0	21.1		ug/L		105	35 - 151
2-Butanone	<10		20.0	17.3		ug/L		87	44 - 162
2-Chlorotoluene	<1.0		20.0	18.5		ug/L		92	64 - 142
2-Hexanone	<10		20.0	20.0		ug/L		100	40 - 151
4-Chlorotoluene	<1.0		20.0	18.8		ug/L		94	61 - 144
Acetone	<10		20.0	14.6		ug/L		73	34 - 174
Benzene	<0.50		20.0	19.8		ug/L		98	64 - 143
Bromobenzene	<1.0		20.0	19.3		ug/L		96	67 - 144
Bromochloromethane	<2.0		20.0	19.4		ug/L		97	70 - 149
Bromodichloromethane	<1.0		20.0	18.7		ug/L		94	64 - 145
Bromoform	<5.0		20.0	18.4		ug/L		92	43 - 165

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-264581-A-10 MS
Matrix: Water
Analysis Batch: 686705

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	<10		20.0	26.3		ug/L		131	25 - 180
Carbon disulfide	<10		20.0	19.5		ug/L		98	50 - 156
Carbon tetrachloride	<0.50		20.0	20.9		ug/L		104	51 - 167
Chlorobenzene	2.6		20.0	21.9		ug/L		97	67 - 141
Chloroethane	<5.0		20.0	19.2		ug/L		96	46 - 167
Chloroform	<1.0		20.0	18.7		ug/L		93	62 - 143
Chloromethane	<10		20.0	19.8		ug/L		99	33 - 163
cis-1,2-Dichloroethene	66		20.0	86.8		ug/L		105	57 - 152
cis-1,3-Dichloropropene	<0.50		20.0	18.5		ug/L		92	55 - 141
Dibromochloromethane	<2.0		20.0	18.0		ug/L		90	54 - 155
Dibromomethane	<1.0		20.0	20.3		ug/L		101	68 - 143
Dichlorodifluoromethane	<5.0		20.0	18.8		ug/L		94	36 - 159
Diethyl ether	<10		20.0	16.2		ug/L		81	53 - 151
Di-isopropyl ether (DIPE)	<2.0		20.0	17.0		ug/L		80	50 - 157
Ethanol	<100		200	164		ug/L		82	29 - 180
Ethylbenzene	<1.0		20.0	19.5		ug/L		97	62 - 145
Ethylene Dibromide	<1.0		20.0	17.2		ug/L		86	65 - 141
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	18.6		ug/L		93	49 - 144
Isopropylbenzene	<1.0		20.0	18.8		ug/L		94	64 - 146
m,p-Xylene	<2.0		40.0	37.7		ug/L		94	61 - 146
Methylene Chloride	<10		20.0	19.4		ug/L		97	59 - 143
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	18.4		ug/L		92	52 - 145
MIBK	<10		20.0	18.2		ug/L		91	46 - 144
Naphthalene	<10		20.0	17.2		ug/L		86	41 - 148
n-Butylbenzene	<1.0		20.0	19.8		ug/L		99	54 - 150
N-Propylbenzene	<1.0		20.0	19.1		ug/L		96	63 - 146
o-Xylene	<1.0		20.0	18.8		ug/L		94	64 - 144
p-Isopropyltoluene	<1.0		20.0	19.1		ug/L		96	59 - 147
sec-Butylbenzene	<1.0		20.0	19.2		ug/L		96	60 - 147
Styrene	<1.0		20.0	18.6		ug/L		93	44 - 154
tert-Amyl alcohol	<50		100	89.1		ug/L		89	25 - 164
Tert-amyl-methyl ether (TAME)	<2.0		20.0	18.1		ug/L		91	55 - 137
tert-Butyl alcohol (TBA)	11		100	111		ug/L		101	56 - 154
tert-Butylbenzene	<1.0		20.0	18.7		ug/L		93	61 - 149
Tetrachloroethene	<1.0		20.0	20.2		ug/L		101	60 - 151
Toluene	<1.0		20.0	19.9		ug/L		99	64 - 144
trans-1,2-Dichloroethene	<1.0		20.0	21.7		ug/L		104	56 - 156
trans-1,3-Dichloropropene	<0.50		20.0	19.2		ug/L		96	52 - 143
Trichloroethene	7.9		20.0	27.6		ug/L		99	41 - 169
Trichlorofluoromethane	<10		20.0	22.8		ug/L		114	54 - 161
Vinyl acetate	<10		20.0	19.5		ug/L		98	30 - 155
Vinyl chloride	8.9		20.0	28.9		ug/L		100	49 - 164

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-264581-A-10 MSD
Matrix: Water
Analysis Batch: 686705

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	<2.0		20.0	20.6		ug/L		103	56 - 156	11	20
1,1,1-Trichloroethane	<1.0		20.0	19.6		ug/L		98	56 - 155	5	20
1,1,2,2-Tetrachloroethane	<1.0		20.0	21.1		ug/L		106	52 - 151	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	20.0		ug/L		100	45 - 156	3	20
1,1,2-Trichloroethane	<1.0		20.0	19.4		ug/L		97	64 - 142	10	20
1,1-Dichloroethane	<1.0		20.0	19.5		ug/L		98	58 - 151	0	20
1,1-Dichloroethene	1.7		20.0	20.0		ug/L		92	51 - 160	1	20
1,1-Dichloropropene	<1.0		20.0	21.4		ug/L		107	59 - 151	0	20
1,2,3-Trichlorobenzene	<1.0		20.0	19.8		ug/L		99	56 - 148	7	20
1,2,3-Trichloropropane	<5.0		20.0	20.1		ug/L		100	54 - 145	2	20
1,2,4-Trichlorobenzene	<1.0		20.0	19.6		ug/L		98	51 - 149	4	20
1,2,4-Trimethylbenzene	<1.0		20.0	20.3		ug/L		102	54 - 149	6	20
1,2-Dibromo-3-Chloropropane	<10		20.0	21.7		ug/L		108	43 - 149	10	20
1,2-Dichlorobenzene	<1.0		20.0	21.7		ug/L		108	64 - 144	6	20
1,2-Dichloroethane	6.8		20.0	26.9		ug/L		101	63 - 142	2	20
1,2-Dichloropropane	<1.0		20.0	18.2		ug/L		88	64 - 144	1	20
1,3,5-Trimethylbenzene	<1.0		20.0	19.8		ug/L		99	62 - 147	6	20
1,3-Dichlorobenzene	<1.0		20.0	20.4		ug/L		102	63 - 143	8	20
1,3-Dichloropropane	<1.0		20.0	19.1		ug/L		96	66 - 140	1	20
1,4-Dichlorobenzene	<1.0		20.0	20.1		ug/L		98	62 - 141	8	20
2,2-Dichloropropane	<1.0		20.0	20.8		ug/L		104	35 - 151	1	20
2-Butanone	<10		20.0	16.0		ug/L		80	44 - 162	8	20
2-Chlorotoluene	<1.0		20.0	19.4		ug/L		97	64 - 142	5	20
2-Hexanone	<10		20.0	20.7		ug/L		103	40 - 151	3	20
4-Chlorotoluene	<1.0		20.0	20.7		ug/L		104	61 - 144	10	20
Acetone	<10		20.0	13.3		ug/L		66	34 - 174	9	20
Benzene	<0.50		20.0	20.9		ug/L		103	64 - 143	5	20
Bromobenzene	<1.0		20.0	20.1		ug/L		100	67 - 144	4	20
Bromochloromethane	<2.0		20.0	20.0		ug/L		100	70 - 149	3	20
Bromodichloromethane	<1.0		20.0	18.6		ug/L		93	64 - 145	1	20
Bromoform	<5.0		20.0	19.3		ug/L		96	43 - 165	5	20
Bromomethane	<10		20.0	25.2		ug/L		126	25 - 180	4	23
Carbon disulfide	<10		20.0	19.7		ug/L		98	50 - 156	1	20
Carbon tetrachloride	<0.50		20.0	21.5		ug/L		108	51 - 167	3	20
Chlorobenzene	2.6		20.0	23.3		ug/L		103	67 - 141	6	20
Chloroethane	<5.0		20.0	20.3		ug/L		102	46 - 167	6	20
Chloroform	<1.0		20.0	19.1		ug/L		95	62 - 143	2	20
Chloromethane	<10		20.0	20.0		ug/L		100	33 - 163	1	20
cis-1,2-Dichloroethene	66		20.0	87.1		ug/L		107	57 - 152	0	20
cis-1,3-Dichloropropene	<0.50		20.0	19.4		ug/L		97	55 - 141	5	20
Dibromochloromethane	<2.0		20.0	18.6		ug/L		93	54 - 155	3	20
Dibromomethane	<1.0		20.0	20.7		ug/L		104	68 - 143	2	20
Dichlorodifluoromethane	<5.0		20.0	19.1		ug/L		95	36 - 159	1	20
Diethyl ether	<10		20.0	16.0		ug/L		80	53 - 151	1	20
Di-isopropyl ether (DIPE)	<2.0		20.0	17.0		ug/L		80	50 - 157	0	20
Ethanol	<100		200	179		ug/L		89	29 - 180	9	40
Ethylbenzene	<1.0		20.0	20.9		ug/L		104	62 - 145	7	20
Ethylene Dibromide	<1.0		20.0	17.8		ug/L		89	65 - 141	4	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-264581-A-10 MSD
Matrix: Water
Analysis Batch: 686705

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
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	18.4		ug/L		92	49 - 144	1	20
Isopropylbenzene	<1.0		20.0	20.1		ug/L		101	64 - 146	7	20
m,p-Xylene	<2.0		40.0	39.6		ug/L		99	61 - 146	5	20
Methylene Chloride	<10		20.0	19.1		ug/L		95	59 - 143	2	20
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	18.5		ug/L		93	52 - 145	1	20
MIBK	<10		20.0	18.7		ug/L		93	46 - 144	3	20
Naphthalene	<10		20.0	17.8		ug/L		89	41 - 148	3	20
n-Butylbenzene	<1.0		20.0	21.2		ug/L		106	54 - 150	7	20
N-Propylbenzene	<1.0		20.0	20.2		ug/L		101	63 - 146	5	20
o-Xylene	<1.0		20.0	19.7		ug/L		98	64 - 144	4	20
p-Isopropyltoluene	<1.0		20.0	20.6		ug/L		103	59 - 147	8	20
sec-Butylbenzene	<1.0		20.0	20.6		ug/L		103	60 - 147	7	20
Styrene	<1.0		20.0	19.9		ug/L		99	44 - 154	7	20
tert-Amyl alcohol	<50		100	89.3		ug/L		89	25 - 164	0	20
Tert-amyl-methyl ether (TAME)	<2.0		20.0	19.0		ug/L		95	55 - 137	5	20
tert-Butyl alcohol (TBA)	11		100	114		ug/L		103	56 - 154	2	20
tert-Butylbenzene	<1.0		20.0	20.4		ug/L		102	61 - 149	9	20
Tetrachloroethene	<1.0		20.0	21.3		ug/L		106	60 - 151	5	20
Toluene	<1.0		20.0	21.1		ug/L		105	64 - 144	6	20
trans-1,2-Dichloroethene	<1.0		20.0	22.4		ug/L		107	56 - 156	3	20
trans-1,3-Dichloropropene	<0.50		20.0	18.9		ug/L		94	52 - 143	2	20
Trichloroethene	7.9		20.0	29.2		ug/L		107	41 - 169	6	20
Trichlorofluoromethane	<10		20.0	23.2		ug/L		116	54 - 161	2	20
Vinyl acetate	<10		20.0	21.2		ug/L		106	30 - 155	8	20
Vinyl chloride	8.9		20.0	28.6		ug/L		98	49 - 164	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 570-684318/1-A
Matrix: Water
Analysis Batch: 688721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684318

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*	*01/20/26 06:00*	*01/29/26 19:23*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*33 - 139*	*01/20/26 06:00*	*01/29/26 19:23*	*1*
2-Fluorobiphenyl (Surr)	*87*		*33 - 126*	*01/20/26 06:00*	*01/29/26 19:23*	*1*
2-Fluorophenol (Surr)	*61*		*12 - 120*	*01/20/26 06:00*	*01/29/26 19:23*	*1*
Nitrobenzene-d5 (Surr)	*101*		*36 - 120*	*01/20/26 06:00*	*01/29/26 19:23*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*01/20/26 06:00*	*01/29/26 19:23*	*1*
p-Terphenyl-d14 (Surr)	*88*		*47 - 131*	*01/20/26 06:00*	*01/29/26 19:23*	*1*

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

Lab Sample ID: MB 570-684318/1-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684318

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Acenaphthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Acenaphthylene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[a]pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Chrysene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Fluorene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Naphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Phenanthrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*28 - 127*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
2-Fluorobiphenyl (Surr)	*87*		*31 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
2-Fluorophenol (Surr)	*57*		*17 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*

Lab Sample ID: LCS 570-684318/2-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	18.0		ug/L		90	47 - 120
2-Methylnaphthalene	20.0	18.0		ug/L		90	43 - 120
Acenaphthene	20.0	18.4		ug/L		92	60 - 132
Acenaphthylene	20.0	18.5		ug/L		92	54 - 126
Anthracene	20.0	18.1		ug/L		90	43 - 120
Benzo[a]anthracene	20.0	19.0		ug/L		95	42 - 133
Benzo[a]pyrene	20.0	19.2		ug/L		96	32 - 148
Benzo[b]fluoranthene	20.0	19.1		ug/L		96	42 - 140
Benzo[g,h,i]perylene	20.0	17.2		ug/L		86	1 - 195
Benzo[k]fluoranthene	20.0	18.2		ug/L		91	25 - 146
Chrysene	20.0	18.4		ug/L		92	44 - 140
Dibenz(a,h)anthracene	20.0	18.0		ug/L		90	1 - 200
Fluoranthene	20.0	18.7		ug/L		93	43 - 121
Fluorene	20.0	18.5		ug/L		92	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	18.1		ug/L		91	1 - 151
Naphthalene	20.0	17.8		ug/L		89	36 - 120

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

Lab Sample ID: LCS 570-684318/2-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684318

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	18.2		ug/L		91	65 - 120		
Pyrene			20.0	19.4		ug/L		97	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*28 - 127*
2-Fluorobiphenyl (Surr)	*85*		*31 - 120*
2-Fluorophenol (Surr)	*59*		*17 - 120*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*
Phenol-d6 (Surr)	*40*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

Lab Sample ID: LCSD 570-684318/3-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 684318

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	19.0		ug/L		95	47 - 120	6	20
2-Methylnaphthalene			20.0	19.0		ug/L		95	43 - 120	5	20
Acenaphthene			20.0	19.0		ug/L		95	60 - 132	3	29
Acenaphthylene			20.0	19.2		ug/L		96	54 - 126	4	45
Anthracene			20.0	19.2		ug/L		96	43 - 120	6	40
Benzo[a]anthracene			20.0	20.0		ug/L		100	42 - 133	5	32
Benzo[a]pyrene			20.0	20.5		ug/L		103	32 - 148	7	43
Benzo[b]fluoranthene			20.0	19.8		ug/L		99	42 - 140	4	43
Benzo[g,h,i]perylene			20.0	18.7		ug/L		93	1 - 195	9	61
Benzo[k]fluoranthene			20.0	19.7		ug/L		98	25 - 146	8	38
Chrysene			20.0	19.3		ug/L		97	44 - 140	5	53
Dibenz(a,h)anthracene			20.0	19.6		ug/L		98	1 - 200	8	75
Fluoranthene			20.0	19.3		ug/L		97	43 - 121	3	40
Fluorene			20.0	19.2		ug/L		96	70 - 120	4	23
Indeno[1,2,3-cd]pyrene			20.0	19.6		ug/L		98	1 - 151	8	60
Naphthalene			20.0	18.6		ug/L		93	36 - 120	4	39
Phenanthrene			20.0	18.8		ug/L		94	65 - 120	4	24
Pyrene			20.0	20.3		ug/L		101	70 - 120	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*
2-Fluorobiphenyl (Surr)	*89*		*31 - 120*
2-Fluorophenol (Surr)	*63*		*17 - 120*
Nitrobenzene-d5 (Surr)	*90*		*27 - 120*
Phenol-d6 (Surr)	*43*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

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

Lab Sample ID: 380-192972-A-1-A MS
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.2	14.8		ug/L		77	36 - 120
2-Methylnaphthalene	<0.19		19.2	14.4		ug/L		75	32 - 124
Acenaphthene	<0.19		19.2	15.0		ug/L		78	47 - 145
Acenaphthylene	<0.19		19.2	15.2		ug/L		79	33 - 145
Anthracene	<0.19		19.2	15.3		ug/L		79	27 - 133
Benzo[a]anthracene	<0.19		19.2	15.6		ug/L		81	33 - 143
Benzo[a]pyrene	<0.19		19.2	14.5		ug/L		76	17 - 163
Benzo[b]fluoranthene	<0.19		19.2	14.6		ug/L		76	24 - 159
Benzo[g,h,i]perylene	<0.19		19.2	12.7		ug/L		66	1 - 219
Benzo[k]fluoranthene	<0.19		19.2	13.9		ug/L		73	11 - 162
Chrysene	<0.19		19.2	14.9		ug/L		77	17 - 168
Dibenz(a,h)anthracene	<0.19		19.2	13.0		ug/L		67	1 - 227
Fluoranthene	<0.19		19.2	15.8		ug/L		82	26 - 137
Fluorene	<0.19		19.2	15.2		ug/L		79	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.2	13.4		ug/L		69	1 - 171
Naphthalene	<0.19		19.2	14.6		ug/L		76	21 - 133
Phenanthrene	<0.19		19.2	15.4		ug/L		80	54 - 120
Pyrene	<0.19		19.2	16.9		ug/L		88	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*
2-Fluorobiphenyl (Surr)	*75*		*31 - 120*
2-Fluorophenol (Surr)	*51*		*17 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*

Lab Sample ID: 380-192972-A-1-B MSD
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.2	16.1		ug/L		84	36 - 120	9	30
2-Methylnaphthalene	<0.19		19.2	16.0		ug/L		83	32 - 124	10	30
Acenaphthene	<0.19		19.2	15.9		ug/L		83	47 - 145	6	48
Acenaphthylene	<0.19		19.2	16.0		ug/L		83	33 - 145	5	74
Anthracene	<0.19		19.2	16.4		ug/L		85	27 - 133	7	66
Benzo[a]anthracene	<0.19		19.2	16.8		ug/L		87	33 - 143	7	53
Benzo[a]pyrene	<0.19		19.2	15.6		ug/L		81	17 - 163	7	72
Benzo[b]fluoranthene	<0.19		19.2	15.5		ug/L		81	24 - 159	6	71
Benzo[g,h,i]perylene	<0.19		19.2	14.2		ug/L		74	1 - 219	11	97
Benzo[k]fluoranthene	<0.19		19.2	15.0		ug/L		78	11 - 162	7	63
Chrysene	<0.19		19.2	16.1		ug/L		84	17 - 168	8	87
Dibenz(a,h)anthracene	<0.19		19.2	14.7		ug/L		76	1 - 227	12	126
Fluoranthene	<0.19		19.2	17.1		ug/L		89	26 - 137	8	66
Fluorene	<0.19		19.2	16.1		ug/L		84	59 - 121	6	38
Indeno[1,2,3-cd]pyrene	<0.19		19.2	14.8		ug/L		77	1 - 171	10	99
Naphthalene	<0.19		19.2	15.9		ug/L		82	21 - 133	8	65

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

Lab Sample ID: 380-192972-A-1-B MSD
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19		19.2	16.3		ug/L		85	54 - 120	6	39
Pyrene	<0.19		19.2	18.0		ug/L		94	52 - 120	7	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*82*		*45 - 120*

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

Lab Sample ID: MB 570-683659/5
Matrix: Water
Analysis Batch: 683659

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			01/17/26 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*01/17/26 12:11*	*1*

Lab Sample ID: LCS 570-683659/3
Matrix: Water
Analysis Batch: 683659

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	392		ug/L		98	78 - 120		

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

Lab Sample ID: LCSD 570-683659/4
Matrix: Water
Analysis Batch: 683659

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	392		ug/L		98	78 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*

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

Lab Sample ID: MRL 570-683659/6
Matrix: Water
Analysis Batch: 683659

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	7.96	J	ug/L		80	50 - 150		

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

Lab Sample ID: 380-192922-C-1 MS
Matrix: Water
Analysis Batch: 683659

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	367		ug/L		92	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*

Lab Sample ID: 380-192922-C-1 MSD
Matrix: Water
Analysis Batch: 683659

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	393		ug/L		98	68 - 122	7	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*

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

Lab Sample ID: MB 570-684016/1-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684016

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1
C8-C18	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*123*		*60 - 130*	*01/19/26 10:29*	*01/24/26 20:24*	*1*

Lab Sample ID: LCS 570-684016/2-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1560		ug/L		97	56 - 127		

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

Lab Sample ID: LCS 570-684016/2-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684016

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	124		60 - 130

Lab Sample ID: LCSD 570-684016/3-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1670		ug/L		104	56 - 127	7	23

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

Lab Sample ID: MRL 570-684016/4-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0202	J	mg/L		101	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	122		60 - 130

Lab Sample ID: 380-192922-A-1-A MS
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 684016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1650	1600		ug/L		97	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	120		60 - 130

Lab Sample ID: 380-192922-A-1-B MSD
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1640	1720		ug/L		105	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	133	S1+	60 - 130

QC Association Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

GC/MS VOA

Analysis Batch: 686705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	8260B	
380-192681-2	BWS2253-H1-TB	Total/NA	Water	8260B	
MB 570-686705/6	Method Blank	Total/NA	Water	8260B	
LCS 570-686705/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-686705/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-264581-A-10 MS	Matrix Spike	Total/NA	Water	8260B	
570-264581-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 684318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	625.1	
MB 570-684318/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-684318/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-684318/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-192972-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-192972-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 687438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-684318/1-A	Method Blank	Total/NA	Water	625.1 SIM	684318
LCS 570-684318/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	684318
LCSD 570-684318/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	684318
380-192972-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	684318
380-192972-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	684318

Analysis Batch: 688099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	625.1 SIM	684318

Analysis Batch: 688721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	625.1	684318
MB 570-684318/1-A	Method Blank	Total/NA	Water	625.1	684318

GC VOA

Analysis Batch: 683659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
380-192681-2	BWS2253-H1-TB	Total/NA	Water	8015B GRO LL	
MB 570-683659/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-683659/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-683659/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-683659/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-192922-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-192922-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

QC Association Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

GC Semi VOA

Prep Batch: 684016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	3510C	
MB 570-684016/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-684016/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-684016/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-684016/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-192922-A-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-192922-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 686665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192681-1	BWS2253-H1-AQ	Total/NA	Water	8015B	684016
MB 570-684016/1-A	Method Blank	Total/NA	Water	8015B	684016
LCS 570-684016/2-A	Lab Control Sample	Total/NA	Water	8015B	684016
LCSD 570-684016/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	684016
MRL 570-684016/4-A	Lab Control Sample	Total/NA	Water	8015B	684016
380-192922-A-1-A MS	Matrix Spike	Total/NA	Water	8015B	684016
380-192922-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	684016

Lab Chronicle

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-192681-1

Date Collected: 01/14/26 11:20
Matrix: Water
Date Received: 01/15/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686705	W4LC	EET CAL 4	01/25/26 14:02
Total/NA	Prep	625.1			684318	H1SH	EET CAL 4	01/20/26 06:01
Total/NA	Analysis	625.1		1	688721	J7WE	EET CAL 4	01/29/26 20:35
Total/NA	Prep	625.1			684318	H1SH	EET CAL 4	01/20/26 06:01
Total/NA	Analysis	625.1 SIM		1	688099	CG	EET CAL 4	01/28/26 17:43
Total/NA	Analysis	8015B GRO LL		1	683659	YD9V	EET CAL 4	01/17/26 20:11
Total/NA	Prep	3510C			684016	TVD6	EET CAL 4	01/19/26 10:30
Total/NA	Analysis	8015B		1	686665	H6FE	EET CAL 4	01/24/26 23:59

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-192681-2

Date Collected: 01/14/26 11:20
Matrix: Water
Date Received: 01/15/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	686705	W4LC	EET CAL 4	01/25/26 12:56
Total/NA	Analysis	8015B GRO LL		1	683659	YD9V	EET CAL 4	01/17/26 19:48

Laboratory References:

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: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-26
Arizona	State	AZ0830	11-17-26
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	02-02-26
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	10-11-26

Method Summary

Client: City & County of Honolulu
Project/Site: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
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
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
625.1	Liquid-Liquid Extraction	40CFR136A	EET CAL 4

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
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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: INTERA - Red-Hill-Incident

Job ID: 380-192681-1
SDG: Site H

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-192681-1	BWS2253-H1-AQ	Water	01/14/26 11:20	01/15/26 09:38	Hawaii
380-192681-2	BWS2253-H1-TB	Water	01/14/26 11:20	01/15/26 09:38	Hawaii

Eurofins Pomona, CA
941 Corporate Center Drive
Pomona, CA 91768

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: H. Bentley/E. Kakone	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Mr. Erwin Kawata	Phone: 858-205-0730	E-Mail: Maria.Lopez@et.eurofinus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: City & County of Honolulu	PWSID:	Analysis Requested		Job #:
Address: 630 South Beretania Street	Due Date Requested:			
City: Honolulu	TAT Requested (days): Standard			
State, Zip: HI, 96843	Compliance Project: Δ Yes Δ No			
Phone: 808-748-5066(Tel)	PO #: C20525101 exp 05312023			
Email: ekawata@hbws.org	WO #:			
Project Name: HRS-340E - RED-HILL - INTERA	Project #: 38000861			
Site: Site H	SSOW#:			

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625 - PAH Only + TICs	TPH 8015 D+M, JP5, JP8	8260B - (MOD) Super Volatiles List	8015 Gas	~~PFAS 533 - All Analytes~~	~~PFAS 537.1_DW_PREC-537.1 Full List~~	~~PFAS 1633_DOD5_1633 Std List~~						Total Number of containers	Special Instructions/Note: x = testing comes from another container.
			Preservation Code:				N	N	A	A	Z	Y	N							
BWS2253-H1-AQ	1/14/26	11:20	G	Water	N	N	2	3	4	4	3	3	2						13	
BWS2253-H1-TB	1/14/26	11:20	G	Water	N	N			2	2									4	
~~BWS2253-H1-FB~~			~~G~~	~~Water~~	N	N					1									

380-192681 COC

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

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

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FEDEX Priority Overnight 3933 7463 267

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	1/14/26 1300	INTERA Inc		1/15/26 0938	
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: 3.0 / 3.0 ICE THAWED 630A

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

Chain of Custody Record

eurofins | Env

Loc: 380
192681

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-295277.1
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 #: 380-192681-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 1/28/2026			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: INTERA - Red-Hill-Incident	Project #: 38000861			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

380-192681 Chain of Custody

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C(MOD) Super Volatiles List	8015B_GRO_LL/5030C(MOD) GRO	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	625.1_SIM/625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of conta	Special Instructions/Note:
			Preservation Code:										
BWS2253-H1-AQ (380-192681-1)	1/14/26	11:20 Hawaiian	G	Water			X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2253-H1-TB (380-192681-2)	1/14/26	11:20 Hawaiian	G	Water			X	X				4	MRLs are needed. Confirm any hits >RL., MRLs are needed.

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	1/16/26 1200	ESST		1/16/26 12:00	EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.9/1.0 IR5

2K9R

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-192681-1
SDG Number: Site H

Login Number: 192681
List Number: 1
Creator: Ngo, Theodore

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: 380-192681-1
SDG Number: Site H

Login Number: 192681
List Number: 2
Creator: Szymborski, Jessica

List Source: Eurofins Calscience
List Creation: 01/16/26 06:21 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9/1.0
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	