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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site S1 625.1, 8015B_DRO/_GRO, 8260B

JOB NUMBER

380-235901-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

my EOL

Eurofins Pomona

Job Notes

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

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins 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
Job ID: 380-235901-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.

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.

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
380-235901-1

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 9/11/2026 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-801611. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 570-801611: Chloroethane. This is not indicative of a systematic control problem because this was random marginal exceedances. Qualified results have been reported.

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: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS), laboratory control sample duplicate (LCSD), matrix spike (MS), and matrix spike duplicate (MSD) associated with preparation batch 570-799575 and analytical batch 570-802267. Percent recoveries are based on the amount spiked.
Method 8015B: There was insufficient sample to perform a re-extraction in order to confirm hit over reporting limit in the field blank; therefore, the data has been reported. The field blank was ran after the native sample which was non detected. (XWB4
Method: 8015B_DRO_LL_CS

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: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-235901-1

No Detections.

Client Sample ID: BWS2153-S1-TB — Lab Sample ID: 380-235901-2

No Detections.

Client Sample ID: BWS2153-S1-FB — Lab Sample ID: 380-235901-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (C10-C24) - RA	36		25		ug/L	1		8015B	Total/NA
C8-C18 - RA	28		25		ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-1

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			09/17/26 23:03	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			09/17/26 23:03	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/17/26 23:03	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/17/26 23:03	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/17/26 23:03	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/17/26 23:03	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 23:03	1
2-Butanone	<10		10		ug/L			09/17/26 23:03	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 23:03	1
2-Hexanone	<10		10		ug/L			09/17/26 23:03	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 23:03	1
Acetone	<10		10		ug/L			09/17/26 23:03	1
Benzene	<0.50		0.50		ug/L			09/17/26 23:03	1
Bromobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
Bromochloromethane	<2.0		2.0		ug/L			09/17/26 23:03	1
Bromodichloromethane	<1.0		1.0		ug/L			09/17/26 23:03	1
Bromoform	<5.0		5.0		ug/L			09/17/26 23:03	1
Bromomethane	<10		10		ug/L			09/17/26 23:03	1
Carbon disulfide	<10		10		ug/L			09/17/26 23:03	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/17/26 23:03	1
Chlorobenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
Chloroethane	<5.0	*-	5.0		ug/L			09/17/26 23:03	1
Chloroform	<1.0		1.0		ug/L			09/17/26 23:03	1
Chloromethane	<10		10		ug/L			09/17/26 23:03	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 23:03	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 23:03	1
Dibromochloromethane	<2.0		2.0		ug/L			09/17/26 23:03	1
Dibromomethane	<1.0		1.0		ug/L			09/17/26 23:03	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/17/26 23:03	1
Diethyl ether	<10		10		ug/L			09/17/26 23:03	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/17/26 23:03	1
Ethanol	<100		100		ug/L			09/17/26 23:03	1
Ethylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/17/26 23:03	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/17/26 23:03	1

Client Sample ID: BWS2153-S1-AQ

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-1

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			09/17/26 23:03	1
Hexane	<5.0		5.0		ug/L			09/17/26 23:03	1
Isobutyl alcohol	<75		75		ug/L			09/17/26 23:03	1
Isopropanol	<75		75		ug/L			09/17/26 23:03	1
Isopropylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
m,p-Xylene	<2.0		2.0		ug/L			09/17/26 23:03	1
Methylene Chloride	<10		10		ug/L			09/17/26 23:03	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/17/26 23:03	1
MIBK	<10		10		ug/L			09/17/26 23:03	1
Naphthalene	<10		10		ug/L			09/17/26 23:03	1
n-Butylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
N-Propylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
o-Xylene	<1.0		1.0		ug/L			09/17/26 23:03	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/17/26 23:03	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
Styrene	<1.0		1.0		ug/L			09/17/26 23:03	1
tert-Amyl alcohol	<50		50		ug/L			09/17/26 23:03	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/17/26 23:03	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/17/26 23:03	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/17/26 23:03	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/26 23:03	1
Toluene	<1.0		1.0		ug/L			09/17/26 23:03	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 23:03	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 23:03	1
Trichloroethene	<1.0		1.0		ug/L			09/17/26 23:03	1
Trichlorofluoromethane	<10		10		ug/L			09/17/26 23:03	1
Vinyl acetate	<10		10		ug/L			09/17/26 23:03	1
Vinyl chloride	<0.50		0.50		ug/L			09/17/26 23:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*09/17/26 23:03*	*1*
4-Bromofluorobenzene (Surr)	*88*		*80 - 120*		*09/17/26 23:03*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*09/17/26 23:03*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/17/26 23:03*	*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		09/13/26 09:47	09/20/26 20:10	1
2-Methylnaphthalene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Acenaphthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Acenaphthylene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Benzo[a]anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Benzo[a]pyrene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Chrysene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1
Fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:10	1

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-235901-1
Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

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		09/13/26 09:47	09/20/26 20:10	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 20:10	1
Naphthalene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 20:10	1
Phenanthrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 20:10	1
Pyrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*28 - 127*	*09/13/26 09:47*	*09/20/26 20:10*	*1*
2-Fluorobiphenyl (Surr)	*66*		*31 - 120*	*09/13/26 09:47*	*09/20/26 20:10*	*1*
2-Fluorophenol (Surr)	*36*		*17 - 120*	*09/13/26 09:47*	*09/20/26 20:10*	*1*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*	*09/13/26 09:47*	*09/20/26 20:10*	*1*
Phenol-d6 (Surr)	*24*		*10 - 120*	*09/13/26 09:47*	*09/20/26 20:10*	*1*
p-Terphenyl-d14 (Surr)	*61*		*45 - 120*	*09/13/26 09:47*	*09/20/26 20:10*	*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*	*09/13/26 09:47*	*09/22/26 12:20*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*33 - 139*	*09/13/26 09:47*	*09/22/26 12:20*	*1*
2-Fluorobiphenyl (Surr)	*68*		*33 - 126*	*09/13/26 09:47*	*09/22/26 12:20*	*1*
2-Fluorophenol (Surr)	*42*		*12 - 120*	*09/13/26 09:47*	*09/22/26 12:20*	*1*
Nitrobenzene-d5 (Surr)	*78*		*36 - 120*	*09/13/26 09:47*	*09/22/26 12:20*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*09/13/26 09:47*	*09/22/26 12:20*	*1*
p-Terphenyl-d14 (Surr)	*70*		*47 - 131*	*09/13/26 09:47*	*09/22/26 12:20*	*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			09/18/26 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*09/18/26 16:37*	*1*

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		09/14/26 09:20	09/18/26 22:29	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		09/14/26 09:20	09/18/26 22:29	1
C8-C18	<25		25	ug/L		09/14/26 09:20	09/18/26 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*60 - 130*	*09/14/26 09:20*	*09/18/26 22:29*	*1*

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-235901-2
Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

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			09/17/26 21:32	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/17/26 21:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/17/26 21:32	1

Client Sample ID: BWS2153-S1-TB

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-2

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			09/17/26 21:32	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/17/26 21:32	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/17/26 21:32	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/17/26 21:32	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/17/26 21:32	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/17/26 21:32	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 21:32	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/17/26 21:32	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 21:32	1
2-Butanone	<10		10		ug/L			09/17/26 21:32	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 21:32	1
2-Hexanone	<10		10		ug/L			09/17/26 21:32	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 21:32	1
Acetone	<10		10		ug/L			09/17/26 21:32	1
Benzene	<0.50		0.50		ug/L			09/17/26 21:32	1
Bromobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
Bromochloromethane	<2.0		2.0		ug/L			09/17/26 21:32	1
Bromodichloromethane	<1.0		1.0		ug/L			09/17/26 21:32	1
Bromoform	<5.0		5.0		ug/L			09/17/26 21:32	1
Bromomethane	<10		10		ug/L			09/17/26 21:32	1
Carbon disulfide	<10		10		ug/L			09/17/26 21:32	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/17/26 21:32	1
Chlorobenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
Chloroethane	<5.0	*-	5.0		ug/L			09/17/26 21:32	1
Chloroform	<1.0		1.0		ug/L			09/17/26 21:32	1
Chloromethane	<10		10		ug/L			09/17/26 21:32	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 21:32	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 21:32	1
Dibromochloromethane	<2.0		2.0		ug/L			09/17/26 21:32	1
Dibromomethane	<1.0		1.0		ug/L			09/17/26 21:32	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/17/26 21:32	1
Diethyl ether	<10		10		ug/L			09/17/26 21:32	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/17/26 21:32	1
Ethanol	<100		100		ug/L			09/17/26 21:32	1
Ethylbenzene	<1.0		1.0		ug/L			09/17/26 21:32	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/17/26 21:32	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/17/26 21:32	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/17/26 21:32	1
Hexane	<5.0		5.0		ug/L			09/17/26 21:32	1
Isobutyl alcohol	<75		75		ug/L			09/17/26 21:32	1

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-235901-2

Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			09/17/26 21:32	1
Isopropylbenzene	<1.0		1.0	ug/L			09/17/26 21:32	1
m,p-Xylene	<2.0		2.0	ug/L			09/17/26 21:32	1
Methylene Chloride	<10		10	ug/L			09/17/26 21:32	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/17/26 21:32	1
MIBK	<10		10	ug/L			09/17/26 21:32	1
Naphthalene	<10		10	ug/L			09/17/26 21:32	1
n-Butylbenzene	<1.0		1.0	ug/L			09/17/26 21:32	1
N-Propylbenzene	<1.0		1.0	ug/L			09/17/26 21:32	1
o-Xylene	<1.0		1.0	ug/L			09/17/26 21:32	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/17/26 21:32	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/17/26 21:32	1
Styrene	<1.0		1.0	ug/L			09/17/26 21:32	1
tert-Amyl alcohol	<50		50	ug/L			09/17/26 21:32	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/17/26 21:32	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/17/26 21:32	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/17/26 21:32	1
Tetrachloroethene	<1.0		1.0	ug/L			09/17/26 21:32	1
Toluene	<1.0		1.0	ug/L			09/17/26 21:32	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/17/26 21:32	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/17/26 21:32	1
Trichloroethene	<1.0		1.0	ug/L			09/17/26 21:32	1
Trichlorofluoromethane	<10		10	ug/L			09/17/26 21:32	1
Vinyl acetate	<10		10	ug/L			09/17/26 21:32	1
Vinyl chloride	<0.50		0.50	ug/L			09/17/26 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*09/17/26 21:32*	*1*
4-Bromofluorobenzene (Surr)	*86*		*80 - 120*		*09/17/26 21:32*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*09/17/26 21:32*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*09/17/26 21:32*	*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			09/18/26 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*09/18/26 15:05*	*1*

Client Sample ID: BWS2153-S1-FB

Lab Sample ID: 380-235901-3

Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

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			09/17/26 22:40	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/17/26 22:40	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/17/26 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			09/17/26 22:40	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/17/26 22:40	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/17/26 22:40	1

Client Sample ID: BWS2153-S1-FB

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/17/26 22:40	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/17/26 22:40	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/17/26 22:40	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 22:40	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/17/26 22:40	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 22:40	1
2-Butanone	<10		10		ug/L			09/17/26 22:40	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 22:40	1
2-Hexanone	<10		10		ug/L			09/17/26 22:40	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 22:40	1
Acetone	<10		10		ug/L			09/17/26 22:40	1
Benzene	<0.50		0.50		ug/L			09/17/26 22:40	1
Bromobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
Bromochloromethane	<2.0		2.0		ug/L			09/17/26 22:40	1
Bromodichloromethane	<1.0		1.0		ug/L			09/17/26 22:40	1
Bromoform	<5.0		5.0		ug/L			09/17/26 22:40	1
Bromomethane	<10		10		ug/L			09/17/26 22:40	1
Carbon disulfide	<10		10		ug/L			09/17/26 22:40	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/17/26 22:40	1
Chlorobenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
Chloroethane	<5.0	*-	5.0		ug/L			09/17/26 22:40	1
Chloroform	<1.0		1.0		ug/L			09/17/26 22:40	1
Chloromethane	<10		10		ug/L			09/17/26 22:40	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 22:40	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 22:40	1
Dibromochloromethane	<2.0		2.0		ug/L			09/17/26 22:40	1
Dibromomethane	<1.0		1.0		ug/L			09/17/26 22:40	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/17/26 22:40	1
Diethyl ether	<10		10		ug/L			09/17/26 22:40	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/17/26 22:40	1
Ethanol	<100		100		ug/L			09/17/26 22:40	1
Ethylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/17/26 22:40	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/17/26 22:40	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/17/26 22:40	1
Hexane	<5.0		5.0		ug/L			09/17/26 22:40	1
Isobutyl alcohol	<75		75		ug/L			09/17/26 22:40	1
Isopropanol	<75		75		ug/L			09/17/26 22:40	1
Isopropylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
m,p-Xylene	<2.0		2.0		ug/L			09/17/26 22:40	1

Client Sample ID: BWS2153-S1-FB

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<10		10		ug/L			09/17/26 22:40	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/17/26 22:40	1
MIBK	<10		10		ug/L			09/17/26 22:40	1
Naphthalene	<10		10		ug/L			09/17/26 22:40	1
n-Butylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
N-Propylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
o-Xylene	<1.0		1.0		ug/L			09/17/26 22:40	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/17/26 22:40	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
Styrene	<1.0		1.0		ug/L			09/17/26 22:40	1
tert-Amyl alcohol	<50		50		ug/L			09/17/26 22:40	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/17/26 22:40	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/17/26 22:40	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/17/26 22:40	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/26 22:40	1
Toluene	<1.0		1.0		ug/L			09/17/26 22:40	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 22:40	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 22:40	1
Trichloroethene	<1.0		1.0		ug/L			09/17/26 22:40	1
Trichlorofluoromethane	<10		10		ug/L			09/17/26 22:40	1
Vinyl acetate	<10		10		ug/L			09/17/26 22:40	1
Vinyl chloride	<0.50		0.50		ug/L			09/17/26 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*		*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*			*09/17/26 22:40*	*1*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*			*09/17/26 22:40*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*			*09/17/26 22:40*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*			*09/17/26 22:40*	*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		09/13/26 09:47	09/20/26 20:32	1
2-Methylnaphthalene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Acenaphthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Acenaphthylene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Benzo[a]anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Benzo[a]pyrene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Chrysene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Fluoranthene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Fluorene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Naphthalene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Phenanthrene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1
Pyrene	<0.19		0.19		ug/L		09/13/26 09:47	09/20/26 20:32	1

Client Sample ID: BWS2153-S1-FB

Date Collected: 09/09/26 13:45
Date Received: 09/11/26 09:40

Lab Sample ID: 380-235901-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		28 - 127	09/13/26 09:47	09/20/26 20:32	1
2-Fluorobiphenyl (Surr)	84		31 - 120	09/13/26 09:47	09/20/26 20:32	1
2-Fluorophenol (Surr)	47		17 - 120	09/13/26 09:47	09/20/26 20:32	1
Nitrobenzene-d5 (Surr)	89		27 - 120	09/13/26 09:47	09/20/26 20:32	1
Phenol-d6 (Surr)	32		10 - 120	09/13/26 09:47	09/20/26 20:32	1
p-Terphenyl-d14 (Surr)	80		45 - 120	09/13/26 09:47	09/20/26 20:32	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	09/13/26 09:47	09/22/26 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		33 - 139	09/13/26 09:47	09/22/26 12:42	1
2-Fluorobiphenyl (Surr)	85		33 - 126	09/13/26 09:47	09/22/26 12:42	1
2-Fluorophenol (Surr)	58		12 - 120	09/13/26 09:47	09/22/26 12:42	1
Nitrobenzene-d5 (Surr)	95		36 - 120	09/13/26 09:47	09/22/26 12:42	1
Phenol-d6 (Surr)	36		10 - 120	09/13/26 09:47	09/22/26 12:42	1
p-Terphenyl-d14 (Surr)	93		47 - 131	09/13/26 09:47	09/22/26 12:42	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			09/18/26 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134		09/18/26 19:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	**36**		25	ug/L		09/14/26 09:20	09/20/26 19:05	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		09/14/26 09:20	09/20/26 19:05	1
C8-C18	**28**		25	ug/L		09/14/26 09:20	09/20/26 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	87		60 - 130	09/14/26 09:20	09/20/26 19:05	1

Action Limit Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-235901-1

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: BWS2153-S1-TB — Lab Sample ID: 380-235901-2

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

Client Sample ID: BWS2153-S1-TB (Continued) — Lab Sample ID: 380-235901-2

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

Client Sample ID: BWS2153-S1-FB — Lab Sample ID: 380-235901-3

Compliance Check

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

Analyte	Result	Qualifier	Unit	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

Action Limit Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-FB (Continued)

Lab Sample ID: 380-235901-3

Compliance Check

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

Analyte	Result	Qualifier	Unit	EPAMCL Limit	HI Org Limit	RL	Method	Prep Type
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

Surrogate Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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)
380-235901-1	BWS2153-S1-AQ	101	88	99	94
380-235901-2	BWS2153-S1-TB	100	86	97	94
380-235901-3	BWS2153-S1-FB	101	87	98	92
LCS 570-801611/1002	Lab Control Sample	96	94	98	96
LCSD 570-801611/3	Lab Control Sample Dup	95	93	96	95
MB 570-801611/5	Method Blank	97	87	96	95

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)
380-235901-1	BWS2153-S1-AQ	61	68	42	78	27	70
380-235901-3	BWS2153-S1-FB	78	85	58	95	36	93
MB 570-799215/1-A	Method Blank	70	75	50	85	33	80

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)
380-235901-1	BWS2153-S1-AQ	67	66	36	78	24	61
380-235901-3	BWS2153-S1-FB	86	84	47	89	32	80
LCS 570-799215/2-A	Lab Control Sample	84	78	54	64	37	87
LCSD 570-799215/3-A	Lab Control Sample Dup	85	77	54	63	38	90
MB 570-799215/1-A	Method Blank	78	73	46	82	31	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)

Surrogate Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

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

Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-235901-1	BWS2153-S1-AQ	99
380-235901-2	BWS2153-S1-TB	99
380-235901-3	BWS2153-S1-FB	102
380-236015-E-1 MSD	Matrix Spike Duplicate	100
380-236015-G-1 MS	Matrix Spike	101
LCS 570-802037/3	Lab Control Sample	98
LCSD 570-802037/4	Lab Control Sample Dup	102
MB 570-802037/6	Method Blank	104
MRL 570-802037/5	Lab Control Sample	101

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-235901-1	BWS2153-S1-AQ	86
380-235901-1 MS	BWS2153-S1-AQ	89
380-235901-1 MSD	BWS2153-S1-AQ	79
380-235901-3 - RA	BWS2153-S1-FB	87
LCS 570-799575/2-A	Lab Control Sample	119
LCSD 570-799575/3-A	Lab Control Sample Dup	114
MB 570-799575/1-A	Method Blank	120
MRL 570-799575/4-A	Lab Control Sample	105
MRL 570-799575/4-A	Lab Control Sample	119

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-801611/5
Matrix: Water
Analysis Batch: 801611

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			09/17/26 19:38	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			09/17/26 19:38	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/17/26 19:38	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/17/26 19:38	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/17/26 19:38	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/17/26 19:38	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/17/26 19:38	1
2-Butanone	<10		10		ug/L			09/17/26 19:38	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 19:38	1
2-Hexanone	<10		10		ug/L			09/17/26 19:38	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/17/26 19:38	1
Acetone	<10		10		ug/L			09/17/26 19:38	1
Benzene	<0.50		0.50		ug/L			09/17/26 19:38	1
Bromobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
Bromochloromethane	<2.0		2.0		ug/L			09/17/26 19:38	1
Bromodichloromethane	<1.0		1.0		ug/L			09/17/26 19:38	1
Bromoform	<5.0		5.0		ug/L			09/17/26 19:38	1
Bromomethane	<10		10		ug/L			09/17/26 19:38	1
Carbon disulfide	<10		10		ug/L			09/17/26 19:38	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/17/26 19:38	1
Chlorobenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
Chloroethane	<5.0		5.0		ug/L			09/17/26 19:38	1
Chloroform	<1.0		1.0		ug/L			09/17/26 19:38	1
Chloromethane	<10		10		ug/L			09/17/26 19:38	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 19:38	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 19:38	1
Dibromochloromethane	<2.0		2.0		ug/L			09/17/26 19:38	1
Dibromomethane	<1.0		1.0		ug/L			09/17/26 19:38	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/17/26 19:38	1
Diethyl ether	<10		10		ug/L			09/17/26 19:38	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/17/26 19:38	1
Ethanol	<100		100		ug/L			09/17/26 19:38	1
Ethylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/17/26 19:38	1

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

Lab Sample ID: MB 570-801611/5
Matrix: Water
Analysis Batch: 801611

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			09/17/26 19:38	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/17/26 19:38	1
Hexane	<5.0		5.0		ug/L			09/17/26 19:38	1
Isobutyl alcohol	<75		75		ug/L			09/17/26 19:38	1
Isopropanol	<75		75		ug/L			09/17/26 19:38	1
Isopropylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
m,p-Xylene	<2.0		2.0		ug/L			09/17/26 19:38	1
Methylene Chloride	<10		10		ug/L			09/17/26 19:38	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/17/26 19:38	1
MIBK	<10		10		ug/L			09/17/26 19:38	1
Naphthalene	<10		10		ug/L			09/17/26 19:38	1
n-Butylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
N-Propylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
o-Xylene	<1.0		1.0		ug/L			09/17/26 19:38	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/17/26 19:38	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
Styrene	<1.0		1.0		ug/L			09/17/26 19:38	1
tert-Amyl alcohol	<50		50		ug/L			09/17/26 19:38	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/17/26 19:38	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/17/26 19:38	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/17/26 19:38	1
Tetrachloroethene	<1.0		1.0		ug/L			09/17/26 19:38	1
Toluene	<1.0		1.0		ug/L			09/17/26 19:38	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/17/26 19:38	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/17/26 19:38	1
Trichloroethene	<1.0		1.0		ug/L			09/17/26 19:38	1
Trichlorofluoromethane	<10		10		ug/L			09/17/26 19:38	1
Vinyl acetate	<10		10		ug/L			09/17/26 19:38	1
Vinyl chloride	<0.50		0.50		ug/L			09/17/26 19:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*09/17/26 19:38*	*1*
4-Bromofluorobenzene (Surr)	*87*		*80 - 120*		*09/17/26 19:38*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*09/17/26 19:38*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/17/26 19:38*	*1*

Lab Sample ID: LCS 570-801611/1002
Matrix: Water
Analysis Batch: 801611

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	18.0		ug/L		90	83 - 120		
1,1,1-Trichloroethane			20.0	17.2		ug/L		86	78 - 123		
1,1,2,2-Tetrachloroethane			20.0	16.6		ug/L		83	74 - 125		
1,1,2-Trichloro-1,2,2-trifluoroetha ne			20.0	20.3		ug/L		102	72 - 130		
1,1,2-Trichloroethane			20.0	18.9		ug/L		95	82 - 120		
1,1-Dichloroethane			20.0	18.8		ug/L		94	79 - 122		
1,1-Dichloroethene			20.0	19.6		ug/L		98	74 - 127		

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

Lab Sample ID: LCS 570-801611/1002
Matrix: Water
Analysis Batch: 801611

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	17.9		ug/L		90	75 - 124
1,2,3-Trichlorobenzene	20.0	16.7		ug/L		83	71 - 126
1,2,3-Trichloropropane	20.0	17.1		ug/L		86	73 - 121
1,2,4-Trichlorobenzene	20.0	16.0		ug/L		80	70 - 130
1,2,4-Trimethylbenzene	20.0	16.6		ug/L		83	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	14.3		ug/L		71	64 - 127
1,2-Dichlorobenzene	20.0	17.7		ug/L		89	78 - 122
1,2-Dichloroethane	20.0	17.1		ug/L		86	76 - 123
1,2-Dichloropropane	20.0	18.8		ug/L		94	82 - 120
1,3,5-Trimethylbenzene	20.0	17.2		ug/L		86	79 - 124
1,3-Dichlorobenzene	20.0	17.6		ug/L		88	81 - 120
1,3-Dichloropropane	20.0	17.7		ug/L		88	82 - 120
1,4-Dichlorobenzene	20.0	17.3		ug/L		87	78 - 121
2,2-Dichloropropane	20.0	16.1		ug/L		81	69 - 133
2-Butanone	20.0	19.2		ug/L		96	55 - 142
2-Chlorotoluene	20.0	18.3		ug/L		92	80 - 120
2-Hexanone	20.0	16.2		ug/L		81	54 - 138
4-Chlorotoluene	20.0	18.3		ug/L		91	80 - 121
Acetone	20.0	23.9		ug/L		120	50 - 157
Benzene	20.0	17.4		ug/L		87	80 - 120
Bromobenzene	20.0	18.3		ug/L		91	80 - 120
Bromochloromethane	20.0	19.3		ug/L		96	83 - 123
Bromodichloromethane	20.0	16.9		ug/L		84	83 - 120
Bromoform	20.0	17.6		ug/L		88	75 - 128
Bromomethane	20.0	23.2		ug/L		116	31 - 120
Carbon disulfide	20.0	17.5		ug/L		88	71 - 128
Carbon tetrachloride	20.0	17.7		ug/L		89	72 - 135
Chlorobenzene	20.0	18.7		ug/L		93	84 - 120
Chloroethane	20.0	14.3	*-	ug/L		71	72 - 129
Chloroform	20.0	17.1		ug/L		86	79 - 120
Chloromethane	20.0	17.2		ug/L		86	36 - 148
cis-1,2-Dichloroethene	20.0	17.9		ug/L		89	81 - 120
cis-1,3-Dichloropropene	20.0	16.9		ug/L		84	76 - 125
Dibromochloromethane	20.0	18.7		ug/L		93	82 - 120
Dibromomethane	20.0	17.1		ug/L		85	85 - 120
Dichlorodifluoromethane	20.0	13.9		ug/L		69	52 - 147
Diethyl ether	20.0	18.8		ug/L		94	71 - 127
Di-isopropyl ether (DIPE)	20.0	19.0		ug/L		95	70 - 132
Ethanol	200	225		ug/L		113	48 - 163
Ethylbenzene	20.0	17.4		ug/L		87	81 - 120
Ethylene Dibromide	20.0	18.3		ug/L		92	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	17.3		ug/L		87	68 - 126
Isopropylbenzene	20.0	17.4		ug/L		87	80 - 122
m,p-Xylene	40.0	35.2		ug/L		88	79 - 122
Methylene Chloride	20.0	17.1		ug/L		86	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	15.7		ug/L		78	70 - 124
MIBK	20.0	16.8		ug/L		84	57 - 133
Naphthalene	20.0	13.2		ug/L		66	64 - 124
n-Butylbenzene	20.0	15.7		ug/L		78	78 - 127

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

Lab Sample ID: LCS 570-801611/1002
Matrix: Water
Analysis Batch: 801611

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	17.2		ug/L		86	80 - 121
o-Xylene	20.0	17.4		ug/L		87	81 - 120
p-Isopropyltoluene	20.0	16.1		ug/L		81	81 - 124
sec-Butylbenzene	20.0	16.8		ug/L		84	80 - 123
Styrene	20.0	17.0		ug/L		85	82 - 120
tert-Amyl alcohol	100	58.9		ug/L		59	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	14.6		ug/L		73	71 - 121
tert-Butyl alcohol (TBA)	100	106		ug/L		106	68 - 128
tert-Butylbenzene	20.0	16.7		ug/L		84	80 - 124
Tetrachloroethene	20.0	19.4		ug/L		97	78 - 126
Toluene	20.0	16.8		ug/L		84	82 - 120
trans-1,2-Dichloroethene	20.0	17.7		ug/L		89	79 - 122
trans-1,3-Dichloropropene	20.0	17.9		ug/L		89	73 - 127
Trichloroethene	20.0	17.7		ug/L		88	83 - 120
Trichlorofluoromethane	20.0	16.8		ug/L		84	74 - 135
Vinyl acetate	20.0	14.3		ug/L		72	56 - 135
Vinyl chloride	20.0	16.5		ug/L		82	68 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 570-801611/3
Matrix: Water
Analysis Batch: 801611

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	18.2		ug/L		91	83 - 120	1	20
1,1,1-Trichloroethane	20.0	17.5		ug/L		88	78 - 123	2	20
1,1,2,2-Tetrachloroethane	20.0	17.2		ug/L		86	74 - 125	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.3		ug/L		101	72 - 130	0	20
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	82 - 120	4	20
1,1-Dichloroethane	20.0	19.2		ug/L		96	79 - 122	2	20
1,1-Dichloroethene	20.0	19.8		ug/L		99	74 - 127	1	20
1,1-Dichloropropene	20.0	18.5		ug/L		93	75 - 124	4	20
1,2,3-Trichlorobenzene	20.0	17.2		ug/L		86	71 - 126	3	20
1,2,3-Trichloropropane	20.0	16.4		ug/L		82	73 - 121	4	20
1,2,4-Trichlorobenzene	20.0	17.1		ug/L		85	70 - 130	6	20
1,2,4-Trimethylbenzene	20.0	17.4		ug/L		87	80 - 125	5	20
1,2-Dibromo-3-Chloropropane	20.0	15.8		ug/L		79	64 - 127	10	20
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	78 - 122	5	20
1,2-Dichloroethane	20.0	17.2		ug/L		86	76 - 123	0	20
1,2-Dichloropropane	20.0	18.2		ug/L		91	82 - 120	3	20
1,3,5-Trimethylbenzene	20.0	17.2		ug/L		86	79 - 124	0	20
1,3-Dichlorobenzene	20.0	18.5		ug/L		92	81 - 120	5	20
1,3-Dichloropropane	20.0	18.1		ug/L		90	82 - 120	2	20

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

Lab Sample ID: LCSD 570-801611/3
Matrix: Water
Analysis Batch: 801611

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	18.8		ug/L		94	78 - 121	8	20
2,2-Dichloropropane	20.0	16.5		ug/L		82	69 - 133	2	20
2-Butanone	20.0	18.2		ug/L		91	55 - 142	5	21
2-Chlorotoluene	20.0	18.5		ug/L		92	80 - 120	1	20
2-Hexanone	20.0	16.0		ug/L		80	54 - 138	1	21
4-Chlorotoluene	20.0	19.2		ug/L		96	80 - 121	5	20
Acetone	20.0	18.9		ug/L		95	50 - 157	23	26
Benzene	20.0	17.6		ug/L		88	80 - 120	1	20
Bromobenzene	20.0	18.0		ug/L		90	80 - 120	1	20
Bromochloromethane	20.0	18.9		ug/L		94	83 - 123	2	20
Bromodichloromethane	20.0	17.1		ug/L		85	83 - 120	1	20
Bromoform	20.0	18.0		ug/L		90	75 - 128	2	20
Bromomethane	20.0	21.1		ug/L		106	31 - 120	10	22
Carbon disulfide	20.0	17.8		ug/L		89	71 - 128	2	20
Carbon tetrachloride	20.0	18.0		ug/L		90	72 - 135	1	20
Chlorobenzene	20.0	18.4		ug/L		92	84 - 120	1	20
Chloroethane	20.0	15.0		ug/L		75	72 - 129	5	20
Chloroform	20.0	17.1		ug/L		86	79 - 120	0	20
Chloromethane	20.0	17.8		ug/L		89	36 - 148	4	20
cis-1,2-Dichloroethene	20.0	17.9		ug/L		89	81 - 120	0	20
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	76 - 125	3	20
Dibromochloromethane	20.0	18.7		ug/L		94	82 - 120	0	20
Dibromomethane	20.0	17.3		ug/L		87	85 - 120	2	20
Dichlorodifluoromethane	20.0	13.1		ug/L		66	52 - 147	6	20
Diethyl ether	20.0	19.9		ug/L		100	71 - 127	6	20
Di-isopropyl ether (DIPE)	20.0	19.3		ug/L		97	70 - 132	1	20
Ethanol	200	241		ug/L		121	48 - 163	7	30
Ethylbenzene	20.0	18.0		ug/L		90	81 - 120	4	20
Ethylene Dibromide	20.0	18.4		ug/L		92	81 - 120	1	20
Ethyl-t-butyl ether (ETBE)	20.0	17.6		ug/L		88	68 - 126	2	20
Isopropylbenzene	20.0	17.7		ug/L		89	80 - 122	2	20
m,p-Xylene	40.0	36.4		ug/L		91	79 - 122	3	20
Methylene Chloride	20.0	16.9		ug/L		84	76 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	20.0	16.4		ug/L		82	70 - 124	4	20
MIBK	20.0	15.1		ug/L		75	57 - 133	11	20
Naphthalene	20.0	14.1		ug/L		70	64 - 124	7	20
n-Butylbenzene	20.0	16.6		ug/L		83	78 - 127	6	20
N-Propylbenzene	20.0	17.8		ug/L		89	80 - 121	3	20
o-Xylene	20.0	17.4		ug/L		87	81 - 120	0	20
p-Isopropyltoluene	20.0	17.3		ug/L		87	81 - 124	7	20
sec-Butylbenzene	20.0	17.9		ug/L		89	80 - 123	6	20
Styrene	20.0	17.5		ug/L		88	82 - 120	3	20
tert-Amyl alcohol	100	68.2		ug/L		68	30 - 157	15	30
Tert-amyl-methyl ether (TAME)	20.0	15.1		ug/L		76	71 - 121	4	20
tert-Butyl alcohol (TBA)	100	103		ug/L		103	68 - 128	3	20
tert-Butylbenzene	20.0	18.0		ug/L		90	80 - 124	8	20
Tetrachloroethene	20.0	19.7		ug/L		99	78 - 126	2	20
Toluene	20.0	17.4		ug/L		87	82 - 120	4	20
trans-1,2-Dichloroethene	20.0	18.2		ug/L		91	79 - 122	3	20

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

Lab Sample ID: LCSD 570-801611/3
Matrix: Water
Analysis Batch: 801611

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	18.2		ug/L		91	73 - 127	2	20
Trichloroethene			20.0	17.3		ug/L		86	83 - 120	3	20
Trichlorofluoromethane			20.0	16.7		ug/L		83	74 - 135	1	20
Vinyl acetate			20.0	16.4		ug/L		82	56 - 135	14	24
Vinyl chloride			20.0	16.2		ug/L		81	68 - 131	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*

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

Lab Sample ID: MB 570-799215/1-A
Matrix: Water
Analysis Batch: 803698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 799215

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*	*09/13/26 09:47*	*09/22/26 11:13*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*33 - 139*	*09/13/26 09:47*	*09/22/26 11:13*	*1*
2-Fluorobiphenyl (Surr)	*75*		*33 - 126*	*09/13/26 09:47*	*09/22/26 11:13*	*1*
2-Fluorophenol (Surr)	*50*		*12 - 120*	*09/13/26 09:47*	*09/22/26 11:13*	*1*
Nitrobenzene-d5 (Surr)	*85*		*36 - 120*	*09/13/26 09:47*	*09/22/26 11:13*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*09/13/26 09:47*	*09/22/26 11:13*	*1*
p-Terphenyl-d14 (Surr)	*80*		*47 - 131*	*09/13/26 09:47*	*09/22/26 11:13*	*1*

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

Lab Sample ID: MB 570-799215/1-A
Matrix: Water
Analysis Batch: 802886

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 799215

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
2-Methylnaphthalene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Acenaphthene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Acenaphthylene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Anthracene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[a]anthracene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[a]pyrene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Chrysene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		09/13/26 09:47	09/20/26 17:55	1

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

Lab Sample ID: MB 570-799215/1-A
Matrix: Water
Analysis Batch: 802886

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 799215

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Fluorene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Naphthalene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Phenanthrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Pyrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*	*09/13/26 09:47*	*09/20/26 17:55*	*1*
2-Fluorobiphenyl (Surr)	*73*		*31 - 120*	*09/13/26 09:47*	*09/20/26 17:55*	*1*
2-Fluorophenol (Surr)	*46*		*17 - 120*	*09/13/26 09:47*	*09/20/26 17:55*	*1*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*	*09/13/26 09:47*	*09/20/26 17:55*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*09/13/26 09:47*	*09/20/26 17:55*	*1*
p-Terphenyl-d14 (Surr)	*74*		*45 - 120*	*09/13/26 09:47*	*09/20/26 17:55*	*1*

Lab Sample ID: LCS 570-799215/2-A
Matrix: Water
Analysis Batch: 802886

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 799215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	12.0		ug/L		60	47 - 120
2-Methylnaphthalene	20.0	12.3		ug/L		61	43 - 120
Acenaphthene	20.0	15.4		ug/L		77	60 - 132
Acenaphthylene	20.0	15.8		ug/L		79	54 - 126
Anthracene	20.0	16.4		ug/L		82	43 - 120
Benzo[a]anthracene	20.0	18.1		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	17.5		ug/L		87	32 - 148
Benzo[b]fluoranthene	20.0	17.1		ug/L		86	42 - 140
Benzo[g,h,i]perylene	20.0	16.6		ug/L		83	1 - 195
Benzo[k]fluoranthene	20.0	17.5		ug/L		87	25 - 146
Chrysene	20.0	16.9		ug/L		85	44 - 140
Dibenz(a,h)anthracene	20.0	16.8		ug/L		84	1 - 200
Fluoranthene	20.0	17.1		ug/L		85	43 - 121
Fluorene	20.0	16.0		ug/L		80	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	16.5		ug/L		83	1 - 151
Naphthalene	20.0	11.2		ug/L		56	36 - 120
Phenanthrene	20.0	16.0		ug/L		80	65 - 120
Pyrene	20.0	17.8		ug/L		89	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*
Phenol-d6 (Surr)	*37*		*10 - 120*
p-Terphenyl-d14 (Surr)	*87*		*45 - 120*

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

Lab Sample ID: LCSD 570-799215/3-A
Matrix: Water
Analysis Batch: 802886

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 799215

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	12.2		ug/L		61	47 - 120	1	20
2-Methylnaphthalene			20.0	12.2		ug/L		61	43 - 120	1	20
Acenaphthene			20.0	15.7		ug/L		79	60 - 132	2	29
Acenaphthylene			20.0	16.2		ug/L		81	54 - 126	3	45
Anthracene			20.0	17.3		ug/L		87	43 - 120	5	40
Benzo[a]anthracene			20.0	19.0		ug/L		95	42 - 133	5	32
Benzo[a]pyrene			20.0	18.1		ug/L		90	32 - 148	4	43
Benzo[b]fluoranthene			20.0	17.3		ug/L		86	42 - 140	1	43
Benzo[g,h,i]perylene			20.0	17.4		ug/L		87	1 - 195	5	61
Benzo[k]fluoranthene			20.0	18.7		ug/L		94	25 - 146	7	38
Chrysene			20.0	17.8		ug/L		89	44 - 140	5	53
Dibenz(a,h)anthracene			20.0	17.6		ug/L		88	1 - 200	4	75
Fluoranthene			20.0	17.5		ug/L		88	43 - 121	3	40
Fluorene			20.0	16.4		ug/L		82	70 - 120	2	23
Indeno[1,2,3-cd]pyrene			20.0	17.4		ug/L		87	1 - 151	5	60
Naphthalene			20.0	11.2		ug/L		56	36 - 120	0	39
Phenanthrene			20.0	16.5		ug/L		82	65 - 120	3	24
Pyrene			20.0	19.3		ug/L		96	70 - 120	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*28 - 127*
2-Fluorobiphenyl (Surr)	*77*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 - 120*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*
Phenol-d6 (Surr)	*38*		*10 - 120*
p-Terphenyl-d14 (Surr)	*90*		*45 - 120*

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

Lab Sample ID: MB 570-802037/6
Matrix: Water
Analysis Batch: 802037

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			09/18/26 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*38 - 134*		*09/18/26 10:37*	*1*

Lab Sample ID: LCS 570-802037/3
Matrix: Water
Analysis Batch: 802037

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	364		ug/L		91	78 - 120		

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

Lab Sample ID: LCS 570-802037/3
Matrix: Water
Analysis Batch: 802037

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

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

Lab Sample ID: LCSD 570-802037/4
Matrix: Water
Analysis Batch: 802037

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	383		ug/L		96	78 - 120	5	10

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

Lab Sample ID: MRL 570-802037/5
Matrix: Water
Analysis Batch: 802037

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	14.9		ug/L		149	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*38 - 134*

Lab Sample ID: 380-236015-E-1 MSD
Matrix: Water
Analysis Batch: 802037

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	356		ug/L		89	68 - 122	3	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*

Lab Sample ID: 380-236015-G-1 MS
Matrix: Water
Analysis Batch: 802037

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	347		ug/L		87	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*38 - 134*

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

Lab Sample ID: MB 570-799575/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 802267 — **Prep Batch: 799575**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		09/14/26 09:20	09/18/26 19:15	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		09/14/26 09:20	09/18/26 19:15	1
C8-C18	<25		25		ug/L		09/14/26 09:20	09/18/26 19:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*120*		*60 - 130*	*09/14/26 09:20*	*09/18/26 19:15*	*1*

Lab Sample ID: LCS 570-799575/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 802267 — **Prep Batch: 799575**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			2000	2070		ug/L		104	56 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*119*		*60 - 130*

Lab Sample ID: LCSD 570-799575/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 802267 — **Prep Batch: 799575**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			2000	1880		ug/L		94	56 - 127	10	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*114*		*60 - 130*

Lab Sample ID: MRL 570-799575/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 802267 — **Prep Batch: 799575**

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0249	J	mg/L		124	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*60 - 130*

Lab Sample ID: MRL 570-799575/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 802835 — **Prep Batch: 799575**

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0243	J	mg/L		122	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*119*		*60 - 130*

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

Lab Sample ID: 380-235901-1 MS
Matrix: Water
Analysis Batch: 802267

Client Sample ID: BWS2153-S1-AQ
Prep Type: Total/NA
Prep Batch: 799575

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<25		2010	1520		ug/L		76	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*60 - 130*

Lab Sample ID: 380-235901-1 MSD
Matrix: Water
Analysis Batch: 802267

Client Sample ID: BWS2153-S1-AQ
Prep Type: Total/NA
Prep Batch: 799575

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25		2000	1450		ug/L		73	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*60 - 130*

QC Association Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 801611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	8260B	
380-235901-2	BWS2153-S1-TB	Total/NA	Water	8260B	
380-235901-3	BWS2153-S1-FB	Total/NA	Water	8260B	
MB 570-801611/5	Method Blank	Total/NA	Water	8260B	
LCS 570-801611/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-801611/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 799215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	625.1	
380-235901-3	BWS2153-S1-FB	Total/NA	Water	625.1	
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-799215/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-799215/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 802886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	625.1 SIM	799215
380-235901-3	BWS2153-S1-FB	Total/NA	Water	625.1 SIM	799215
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1 SIM	799215
LCS 570-799215/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	799215
LCSD 570-799215/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	799215

Analysis Batch: 803698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	625.1	799215
380-235901-3	BWS2153-S1-FB	Total/NA	Water	625.1	799215
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1	799215

GC VOA

Analysis Batch: 802037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	8015B GRO LL	
380-235901-2	BWS2153-S1-TB	Total/NA	Water	8015B GRO LL	
380-235901-3	BWS2153-S1-FB	Total/NA	Water	8015B GRO LL	
MB 570-802037/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-802037/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-802037/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-802037/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-236015-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	
380-236015-G-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 799575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	3510C	
380-235901-3 - RA	BWS2153-S1-FB	Total/NA	Water	3510C	
MB 570-799575/1-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 799575 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-799575/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-799575/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-799575/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-235901-1 MS	BWS2153-S1-AQ	Total/NA	Water	3510C	
380-235901-1 MSD	BWS2153-S1-AQ	Total/NA	Water	3510C	

Analysis Batch: 802267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-1	BWS2153-S1-AQ	Total/NA	Water	8015B	799575
MB 570-799575/1-A	Method Blank	Total/NA	Water	8015B	799575
LCS 570-799575/2-A	Lab Control Sample	Total/NA	Water	8015B	799575
LCSD 570-799575/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	799575
MRL 570-799575/4-A	Lab Control Sample	Total/NA	Water	8015B	799575
380-235901-1 MS	BWS2153-S1-AQ	Total/NA	Water	8015B	799575
380-235901-1 MSD	BWS2153-S1-AQ	Total/NA	Water	8015B	799575

Analysis Batch: 802835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235901-3 - RA	BWS2153-S1-FB	Total/NA	Water	8015B	799575
MRL 570-799575/4-A	Lab Control Sample	Total/NA	Water	8015B	799575

Lab Chronicle

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ
Lab Sample ID: 380-235901-1

Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801611	GC3Z	EET CAL 4	09/17/26 23:03
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1		1	803698	S4EA	EET CAL 4	09/22/26 12:20
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1 SIM		1	802886	S4EA	EET CAL 4	09/20/26 20:10
Total/NA	Analysis	8015B GRO LL		1	802037	7CF2	EET CAL 4	09/18/26 16:37
Total/NA	Prep	3510C			799575	TVD6	EET CAL 4	09/14/26 09:20
Total/NA	Analysis	8015B		1	802267	H6FE	EET CAL 4	09/18/26 22:29

Client Sample ID: BWS2153-S1-TB
Lab Sample ID: 380-235901-2

Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801611	GC3Z	EET CAL 4	09/17/26 21:32
Total/NA	Analysis	8015B GRO LL		1	802037	7CF2	EET CAL 4	09/18/26 15:05

Client Sample ID: BWS2153-S1-FB
Lab Sample ID: 380-235901-3

Date Collected: 09/09/26 13:45
Matrix: Water
Date Received: 09/11/26 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801611	GC3Z	EET CAL 4	09/17/26 22:40
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1		1	803698	S4EA	EET CAL 4	09/22/26 12:42
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1 SIM		1	802886	S4EA	EET CAL 4	09/20/26 20:32
Total/NA	Analysis	8015B GRO LL		1	802037	7CF2	EET CAL 4	09/18/26 19:51
Total/NA	Prep	3510C	RA		799575	TVD6	EET CAL 4	09/14/26 09:20
Total/NA	Analysis	8015B	RA	1	802835	H6FE	EET CAL 4	09/20/26 19:05

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
Job ID: 380-235901-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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	11-16-26
California	Los Angeles County Sanitation Districts	9257304	07-31-28
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-28
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	09-27-26
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	09-29-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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: 380-235901-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-235901-1	BWS2153-S1-AQ	Water	09/09/26 13:45	09/11/26 09:40	Hawaii
380-235901-2	BWS2153-S1-TB	Water	09/09/26 13:45	09/11/26 09:40	Hawaii
380-235901-3	BWS2153-S1-FB	Water	09/09/26 13:45	09/11/26 09:40	Hawaii

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

Chain of Custody Record

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380-235901 COC

Client Information	Sampler: H Bentley (808) 321-0683	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Mr Erwin Kawata	Phone: 858-205-0730	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: City & County of Honolulu	PWSID:			Job #:
Address: 630 South Beretania Street	Due Date Requested:			
City: Honolulu	TAT Requested (days): Standard			
State, Zip: HI 96843	Compliance Project: Δ Yes X No			
Phone: 808-748-5066	PO #:			
Email: ekawata@hbws.org	WO #:			
Project Name: INTERA - Red-Hill-Incident	Project #: 38000861			
Site: S1	SSOW#:			

Analysis Requested

Preservation Codes.
A - HCL
N - None

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 DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) Super Volatiles List	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	625.1, 625.1_SIM	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	A	N	N	X	
BWS2153-S1-AQ	9/9/20	1 45	G	Water	N	N	4	4	3	2	13	
BWS2153-S1-TB	↓	↓	G	Water	N	N	2	2			4	LAB FILLED TRIP BLANKS
BWS2153-S1-FB	↓	↓	G	Water	N	N	2	2	1	1	6	Field Reagant Blank

Possible Hazard Identification
☐ X 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 ☐ X 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 8770 4650 1060

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	9/10/20 1400	INTERA, INC	[signature] Maria Lopez	9/11/20 940	ECAP

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: (631A) 4.2+0.2=4.4 ice-frozen

Ver 05/06/2024

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

Chain of Custody Record

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Loc: 380
235901

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-379418.1
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 #: 380-235901-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 9/22/2026			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

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C(MOD) Super Volatiles List	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BWS2153-S1-AQ (380-235901-1)	9/9/26	13:45 Hawaiian	G	Water			X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2153-S1-TB (380-235901-2)	9/9/26	13:45 Hawaiian	G	Water			X		X			4	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2153-S1-FB (380-235901-3)	9/9/26	13:45 Hawaiian	G	Water			X	X	X	X	X	6	MRLs are needed. Confirm any hits >RL., MRLs are needed.

380-235901 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
Unconfirmed

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) 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
	09/11/26 1520	EEAP	Leos	9/11/26 15:20	LWAY
Leos	9/11/26 17:13	LWAY		9/11/26 17:13	IEC

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 2.5 / 2.5 IR-8

Ver: 08/18/2026

10/1/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-235901-1
SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 235901
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: 380-235901-1
SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 235901
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 09/11/26 07:44 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5
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	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	