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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

380-233273-1

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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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

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
380-233273-1

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 8/27/2026 10:18 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 1.7°C.

GC/MS VOA
Method 8260B: The laboratory control sample (LCS) for analytical batch 570-794751 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) precision for analytical batch 570-794751 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8260B: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 570-794751: n-Butylbenzene. This is not indicative of a systematic control problem because these were 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
Method 625.1: Analysis by 625.1 and 625.1_SIM for BWS2153-S1-AQ (380-233273-1) collected on 08/26/26 are a resample for BWS2153-S1-AQ (380-230726-1) collected on 08/12/26.(XWB4)

Method 625.1 SIM: Analysis by 625.1 and 625.1_SIM for BWS2153-S1-AQ (380-233273-1) collected on 08/26/26 are a resample for BWS2153-S1-AQ (380-230726-1) collected on 08/12/26.(XWB4)

Method 625.1 SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-791672 and analytical batch 570-794330 recovered outside control limits for the following analytes: 1-Methylnaphthalene and 2-Methylnaphthalene.

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
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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-233273-1

No Detections.

Client Sample ID: BWS2153-S1-TB — Lab Sample ID: 380-233273-2

No Detections.

Client Sample ID: BWS2153-S1-FB — Lab Sample ID: 380-233273-3

No Detections.

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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-233273-1

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

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			09/03/26 13:22	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			09/03/26 13:22	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/03/26 13:22	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/03/26 13:22	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/03/26 13:22	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/03/26 13:22	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 13:22	1
2-Butanone	<10		10		ug/L			09/03/26 13:22	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 13:22	1
2-Hexanone	<10		10		ug/L			09/03/26 13:22	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 13:22	1
Acetone	<10		10		ug/L			09/03/26 13:22	1
Benzene	<0.50		0.50		ug/L			09/03/26 13:22	1
Bromobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
Bromochloromethane	<2.0		2.0		ug/L			09/03/26 13:22	1
Bromodichloromethane	<1.0		1.0		ug/L			09/03/26 13:22	1
Bromoform	<5.0		5.0		ug/L			09/03/26 13:22	1
Bromomethane	<10	*+	10		ug/L			09/03/26 13:22	1
Carbon disulfide	<10		10		ug/L			09/03/26 13:22	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/03/26 13:22	1
Chlorobenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
Chloroethane	<5.0		5.0		ug/L			09/03/26 13:22	1
Chloroform	<1.0		1.0		ug/L			09/03/26 13:22	1
Chloromethane	<10		10		ug/L			09/03/26 13:22	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 13:22	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 13:22	1
Dibromochloromethane	<2.0		2.0		ug/L			09/03/26 13:22	1
Dibromomethane	<1.0		1.0		ug/L			09/03/26 13:22	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/03/26 13:22	1
Diethyl ether	<10		10		ug/L			09/03/26 13:22	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/03/26 13:22	1
Ethanol	<100		100		ug/L			09/03/26 13:22	1
Ethylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/03/26 13:22	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/03/26 13:22	1

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-233273-1

Date Collected: 08/26/26 09:00

Matrix: Water

Date Received: 08/27/26 10:18

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			09/03/26 13:22	1
Hexane	<5.0		5.0		ug/L			09/03/26 13:22	1
Isobutyl alcohol	<75		75		ug/L			09/03/26 13:22	1
Isopropanol	<75		75		ug/L			09/03/26 13:22	1
Isopropylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
m,p-Xylene	<2.0		2.0		ug/L			09/03/26 13:22	1
Methylene Chloride	<10		10		ug/L			09/03/26 13:22	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/03/26 13:22	1
MIBK	<10		10		ug/L			09/03/26 13:22	1
Naphthalene	<10		10		ug/L			09/03/26 13:22	1
n-Butylbenzene	<1.0	*-	1.0		ug/L			09/03/26 13:22	1
N-Propylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
o-Xylene	<1.0		1.0		ug/L			09/03/26 13:22	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/03/26 13:22	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
Styrene	<1.0		1.0		ug/L			09/03/26 13:22	1
tert-Amyl alcohol	<50		50		ug/L			09/03/26 13:22	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/03/26 13:22	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/03/26 13:22	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/03/26 13:22	1
Tetrachloroethene	<1.0		1.0		ug/L			09/03/26 13:22	1
Toluene	<1.0		1.0		ug/L			09/03/26 13:22	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 13:22	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 13:22	1
Trichloroethene	<1.0		1.0		ug/L			09/03/26 13:22	1
Trichlorofluoromethane	<10		10		ug/L			09/03/26 13:22	1
Vinyl acetate	<10		10		ug/L			09/03/26 13:22	1
Vinyl chloride	<0.50		0.50		ug/L			09/03/26 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*		*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*80 - 120*			*09/03/26 13:22*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*			*09/03/26 13:22*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*			*09/03/26 13:22*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*			*09/03/26 13:22*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19	*1	0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
2-Methylnaphthalene	<0.19	*1	0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Acenaphthene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Acenaphthylene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Anthracene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Benzo[a]anthracene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Benzo[a]pyrene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Chrysene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1
Fluoranthene	<0.19		0.19		ug/L		08/28/26 06:39	09/02/26 18:49	1

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-233273-1

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

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		08/28/26 06:39	09/02/26 18:49	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		08/28/26 06:39	09/02/26 18:49	1
Naphthalene	<0.19		0.19	ug/L		08/28/26 06:39	09/02/26 18:49	1
Phenanthrene	<0.19		0.19	ug/L		08/28/26 06:39	09/02/26 18:49	1
Pyrene	<0.19		0.19	ug/L		08/28/26 06:39	09/02/26 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*28 - 127*	*08/28/26 06:39*	*09/02/26 18:49*	*1*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*	*08/28/26 06:39*	*09/02/26 18:49*	*1*
2-Fluorophenol (Surr)	*43*		*17 - 120*	*08/28/26 06:39*	*09/02/26 18:49*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*08/28/26 06:39*	*09/02/26 18:49*	*1*
Phenol-d6 (Surr)	*25*		*10 - 120*	*08/28/26 06:39*	*09/02/26 18:49*	*1*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*	*08/28/26 06:39*	*09/02/26 18:49*	*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*	*08/28/26 06:39*	*09/09/26 20:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*33 - 139*	*08/28/26 06:39*	*09/09/26 20:26*	*1*
2-Fluorobiphenyl (Surr)	*65*		*33 - 126*	*08/28/26 06:39*	*09/09/26 20:26*	*1*
2-Fluorophenol (Surr)	*38*		*12 - 120*	*08/28/26 06:39*	*09/09/26 20:26*	*1*
Nitrobenzene-d5 (Surr)	*60*		*36 - 120*	*08/28/26 06:39*	*09/09/26 20:26*	*1*
Phenol-d6 (Surr)	*18*		*10 - 120*	*08/28/26 06:39*	*09/09/26 20:26*	*1*
p-Terphenyl-d14 (Surr)	*75*		*47 - 131*	*08/28/26 06:39*	*09/09/26 20:26*	*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			09/04/26 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*		*09/04/26 17:19*	*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		08/31/26 09:30	09/06/26 08:35	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		08/31/26 09:30	09/06/26 08:35	1
C8-C18	<25		25	ug/L		08/31/26 09:30	09/06/26 08:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*61*		*60 - 130*	*08/31/26 09:30*	*09/06/26 08:35*	*1*

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-233273-2

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

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			09/03/26 12:14	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/03/26 12:14	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/03/26 12:14	1

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-233273-2

Date Collected: 08/26/26 09:00

Matrix: Water

Date Received: 08/27/26 10:18

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			09/03/26 12:14	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/03/26 12:14	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/03/26 12:14	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/03/26 12:14	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/03/26 12:14	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/03/26 12:14	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:14	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:14	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:14	1
2-Butanone	<10		10		ug/L			09/03/26 12:14	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 12:14	1
2-Hexanone	<10		10		ug/L			09/03/26 12:14	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 12:14	1
Acetone	<10		10		ug/L			09/03/26 12:14	1
Benzene	<0.50		0.50		ug/L			09/03/26 12:14	1
Bromobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
Bromochloromethane	<2.0		2.0		ug/L			09/03/26 12:14	1
Bromodichloromethane	<1.0		1.0		ug/L			09/03/26 12:14	1
Bromoform	<5.0		5.0		ug/L			09/03/26 12:14	1
Bromomethane	<10	*+	10		ug/L			09/03/26 12:14	1
Carbon disulfide	<10		10		ug/L			09/03/26 12:14	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/03/26 12:14	1
Chlorobenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
Chloroethane	<5.0		5.0		ug/L			09/03/26 12:14	1
Chloroform	<1.0		1.0		ug/L			09/03/26 12:14	1
Chloromethane	<10		10		ug/L			09/03/26 12:14	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 12:14	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 12:14	1
Dibromochloromethane	<2.0		2.0		ug/L			09/03/26 12:14	1
Dibromomethane	<1.0		1.0		ug/L			09/03/26 12:14	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/03/26 12:14	1
Diethyl ether	<10		10		ug/L			09/03/26 12:14	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/03/26 12:14	1
Ethanol	<100		100		ug/L			09/03/26 12:14	1
Ethylbenzene	<1.0		1.0		ug/L			09/03/26 12:14	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/03/26 12:14	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/03/26 12:14	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/03/26 12:14	1
Hexane	<5.0		5.0		ug/L			09/03/26 12:14	1
Isobutyl alcohol	<75		75		ug/L			09/03/26 12:14	1

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-233273-2

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			09/03/26 12:14	1
Isopropylbenzene	<1.0		1.0	ug/L			09/03/26 12:14	1
m,p-Xylene	<2.0		2.0	ug/L			09/03/26 12:14	1
Methylene Chloride	<10		10	ug/L			09/03/26 12:14	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/03/26 12:14	1
MIBK	<10		10	ug/L			09/03/26 12:14	1
Naphthalene	<10		10	ug/L			09/03/26 12:14	1
n-Butylbenzene	<1.0	*-	1.0	ug/L			09/03/26 12:14	1
N-Propylbenzene	<1.0		1.0	ug/L			09/03/26 12:14	1
o-Xylene	<1.0		1.0	ug/L			09/03/26 12:14	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/03/26 12:14	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/03/26 12:14	1
Styrene	<1.0		1.0	ug/L			09/03/26 12:14	1
tert-Amyl alcohol	<50		50	ug/L			09/03/26 12:14	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/03/26 12:14	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/03/26 12:14	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/03/26 12:14	1
Tetrachloroethene	<1.0		1.0	ug/L			09/03/26 12:14	1
Toluene	<1.0		1.0	ug/L			09/03/26 12:14	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/03/26 12:14	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/03/26 12:14	1
Trichloroethene	<1.0		1.0	ug/L			09/03/26 12:14	1
Trichlorofluoromethane	<10		10	ug/L			09/03/26 12:14	1
Vinyl acetate	<10		10	ug/L			09/03/26 12:14	1
Vinyl chloride	<0.50		0.50	ug/L			09/03/26 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*		*09/03/26 12:14*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*09/03/26 12:14*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*09/03/26 12:14*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/03/26 12:14*	*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			09/04/26 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*		*09/04/26 11:58*	*1*

Client Sample ID: BWS2153-S1-FB

Lab Sample ID: 380-233273-3

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

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			09/03/26 12:37	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/03/26 12:37	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/03/26 12:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			09/03/26 12:37	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/03/26 12:37	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/03/26 12:37	1

Client Sample ID: BWS2153-S1-FB

Lab Sample ID: 380-233273-3

Date Collected: 08/26/26 09:00

Matrix: Water

Date Received: 08/27/26 10:18

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			09/03/26 12:37	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/03/26 12:37	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/03/26 12:37	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/03/26 12:37	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:37	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:37	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 12:37	1
2-Butanone	<10		10		ug/L			09/03/26 12:37	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 12:37	1
2-Hexanone	<10		10		ug/L			09/03/26 12:37	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 12:37	1
Acetone	<10		10		ug/L			09/03/26 12:37	1
Benzene	<0.50		0.50		ug/L			09/03/26 12:37	1
Bromobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
Bromochloromethane	<2.0		2.0		ug/L			09/03/26 12:37	1
Bromodichloromethane	<1.0		1.0		ug/L			09/03/26 12:37	1
Bromoform	<5.0		5.0		ug/L			09/03/26 12:37	1
Bromomethane	<10	*+	10		ug/L			09/03/26 12:37	1
Carbon disulfide	<10		10		ug/L			09/03/26 12:37	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/03/26 12:37	1
Chlorobenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
Chloroethane	<5.0		5.0		ug/L			09/03/26 12:37	1
Chloroform	<1.0		1.0		ug/L			09/03/26 12:37	1
Chloromethane	<10		10		ug/L			09/03/26 12:37	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 12:37	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 12:37	1
Dibromochloromethane	<2.0		2.0		ug/L			09/03/26 12:37	1
Dibromomethane	<1.0		1.0		ug/L			09/03/26 12:37	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/03/26 12:37	1
Diethyl ether	<10		10		ug/L			09/03/26 12:37	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/03/26 12:37	1
Ethanol	<100		100		ug/L			09/03/26 12:37	1
Ethylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/03/26 12:37	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			09/03/26 12:37	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/03/26 12:37	1
Hexane	<5.0		5.0		ug/L			09/03/26 12:37	1
Isobutyl alcohol	<75		75		ug/L			09/03/26 12:37	1
Isopropanol	<75		75		ug/L			09/03/26 12:37	1
Isopropylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
m,p-Xylene	<2.0		2.0		ug/L			09/03/26 12:37	1

Client Sample ID: BWS2153-S1-FB

Lab Sample ID: 380-233273-3

Date Collected: 08/26/26 09:00

Matrix: Water

Date Received: 08/27/26 10:18

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			09/03/26 12:37	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/03/26 12:37	1
MIBK	<10		10		ug/L			09/03/26 12:37	1
Naphthalene	<10		10		ug/L			09/03/26 12:37	1
n-Butylbenzene	<1.0	*-	1.0		ug/L			09/03/26 12:37	1
N-Propylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
o-Xylene	<1.0		1.0		ug/L			09/03/26 12:37	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/03/26 12:37	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
Styrene	<1.0		1.0		ug/L			09/03/26 12:37	1
tert-Amyl alcohol	<50		50		ug/L			09/03/26 12:37	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/03/26 12:37	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/03/26 12:37	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/03/26 12:37	1
Tetrachloroethene	<1.0		1.0		ug/L			09/03/26 12:37	1
Toluene	<1.0		1.0		ug/L			09/03/26 12:37	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 12:37	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 12:37	1
Trichloroethene	<1.0		1.0		ug/L			09/03/26 12:37	1
Trichlorofluoromethane	<10		10		ug/L			09/03/26 12:37	1
Vinyl acetate	<10		10		ug/L			09/03/26 12:37	1
Vinyl chloride	<0.50		0.50		ug/L			09/03/26 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 120*		*09/03/26 12:37*	*1*
4-Bromofluorobenzene (Surr)	*89*		*80 - 120*		*09/03/26 12:37*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*09/03/26 12:37*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/03/26 12:37*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			09/04/26 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*		*09/04/26 14:39*	*1*

Action Limit Summary

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

Job ID: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ — Lab Sample ID: 380-233273-1

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: 380-233273-2

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: 380-233273-2

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: 380-233273-3

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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-233273-3

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

Surrogate Summary

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

Job ID: 380-233273-1
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)
380-233273-1	BWS2153-S1-AQ	93	89	100	95
380-233273-2	BWS2153-S1-TB	90	90	97	95
380-233273-3	BWS2153-S1-FB	92	89	100	95
570-293836-A-1 MS	Matrix Spike	90	95	96	95
570-293836-A-1 MSD	Matrix Spike Duplicate	89	94	98	96
LCS 570-794751/1003	Lab Control Sample	91	97	98	96
LCSD 570-794751/4	Lab Control Sample Dup	94	98	99	95
MB 570-794751/6	Method Blank	94	90	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)
380-233273-1	BWS2153-S1-AQ	67	65	38	60	18	75
MB 570-791672/1-A	Method Blank	67	69	49	71	24	90

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)
380-233060-A-1-A MS	Matrix Spike	77	74	49	72	31	79
380-233060-A-1-B MSD	Matrix Spike Duplicate	82	81	58	80	37	85
380-233273-1	BWS2153-S1-AQ	89	76	43	73	25	86
LCS 570-791672/2-A	Lab Control Sample	89	84	65	85	41	89
LCSD 570-791672/3-A	Lab Control Sample Dup	84	86	61	64	39	86
MB 570-791672/1-A	Method Blank	86	73	50	75	31	85

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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

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

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	BFB1 (38-134)						
380-233271-B-1 MS	Matrix Spike	93						
380-233271-E-1 MSD	Matrix Spike Duplicate	92						
380-233273-1	BWS2153-S1-AQ	92						
380-233273-2	BWS2153-S1-TB	87						
380-233273-3	BWS2153-S1-FB	91						
LCS 570-795451/3	Lab Control Sample	83						
LCSD 570-795451/4	Lab Control Sample Dup	88						
MB 570-795451/6	Method Blank	86						
MRL 570-795451/5	Lab Control Sample	89						

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)						
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)						
380-233271-I-1-A MS	Matrix Spike	91						
380-233271-J-1-A MSD	Matrix Spike Duplicate	91						
380-233273-1	BWS2153-S1-AQ	61						
LCS 570-792989/2-A	Lab Control Sample	96						
LCSD 570-792989/3-A	Lab Control Sample Dup	99						
MB 570-792989/1-A	Method Blank	92						
MRL 570-792989/4-A	Lab Control Sample	88						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-794751/6
Matrix: Water
Analysis Batch: 794751

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			09/03/26 08:26	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			09/03/26 08:26	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,1-Dichloroethane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,1-Dichloroethene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,1-Dichloropropene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			09/03/26 08:26	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			09/03/26 08:26	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,2-Dichloroethane	<0.50		0.50		ug/L			09/03/26 08:26	1
1,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
1,3-Dichloropropane	<1.0		1.0		ug/L			09/03/26 08:26	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
2,2-Dichloropropane	<1.0		1.0		ug/L			09/03/26 08:26	1
2-Butanone	<10		10		ug/L			09/03/26 08:26	1
2-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 08:26	1
2-Hexanone	<10		10		ug/L			09/03/26 08:26	1
4-Chlorotoluene	<1.0		1.0		ug/L			09/03/26 08:26	1
Acetone	<10		10		ug/L			09/03/26 08:26	1
Benzene	<0.50		0.50		ug/L			09/03/26 08:26	1
Bromobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
Bromochloromethane	<2.0		2.0		ug/L			09/03/26 08:26	1
Bromodichloromethane	<1.0		1.0		ug/L			09/03/26 08:26	1
Bromoform	<5.0		5.0		ug/L			09/03/26 08:26	1
Bromomethane	<10		10		ug/L			09/03/26 08:26	1
Carbon disulfide	<10		10		ug/L			09/03/26 08:26	1
Carbon tetrachloride	<0.50		0.50		ug/L			09/03/26 08:26	1
Chlorobenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
Chloroethane	<5.0		5.0		ug/L			09/03/26 08:26	1
Chloroform	<1.0		1.0		ug/L			09/03/26 08:26	1
Chloromethane	<10		10		ug/L			09/03/26 08:26	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 08:26	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 08:26	1
Dibromochloromethane	<2.0		2.0		ug/L			09/03/26 08:26	1
Dibromomethane	<1.0		1.0		ug/L			09/03/26 08:26	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			09/03/26 08:26	1
Diethyl ether	<10		10		ug/L			09/03/26 08:26	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			09/03/26 08:26	1
Ethanol	<100		100		ug/L			09/03/26 08:26	1
Ethylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
Ethylene Dibromide	<1.0		1.0		ug/L			09/03/26 08:26	1

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

Lab Sample ID: MB 570-794751/6
Matrix: Water
Analysis Batch: 794751

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			09/03/26 08:26	1
Hexachloro-1,3-butadiene	<10		10		ug/L			09/03/26 08:26	1
Hexane	<5.0		5.0		ug/L			09/03/26 08:26	1
Isobutyl alcohol	<75		75		ug/L			09/03/26 08:26	1
Isopropanol	<75		75		ug/L			09/03/26 08:26	1
Isopropylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
m,p-Xylene	<2.0		2.0		ug/L			09/03/26 08:26	1
Methylene Chloride	<10		10		ug/L			09/03/26 08:26	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			09/03/26 08:26	1
MIBK	<10		10		ug/L			09/03/26 08:26	1
Naphthalene	<10		10		ug/L			09/03/26 08:26	1
n-Butylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
N-Propylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
o-Xylene	<1.0		1.0		ug/L			09/03/26 08:26	1
p-Isopropyltoluene	<1.0		1.0		ug/L			09/03/26 08:26	1
sec-Butylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
Styrene	<1.0		1.0		ug/L			09/03/26 08:26	1
tert-Amyl alcohol	<50		50		ug/L			09/03/26 08:26	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			09/03/26 08:26	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			09/03/26 08:26	1
tert-Butylbenzene	<1.0		1.0		ug/L			09/03/26 08:26	1
Tetrachloroethene	<1.0		1.0		ug/L			09/03/26 08:26	1
Toluene	<1.0		1.0		ug/L			09/03/26 08:26	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			09/03/26 08:26	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			09/03/26 08:26	1
Trichloroethene	<1.0		1.0		ug/L			09/03/26 08:26	1
Trichlorofluoromethane	<10		10		ug/L			09/03/26 08:26	1
Vinyl acetate	<10		10		ug/L			09/03/26 08:26	1
Vinyl chloride	<0.50		0.50		ug/L			09/03/26 08:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 120*		*09/03/26 08:26*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*09/03/26 08:26*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*09/03/26 08:26*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*09/03/26 08:26*	*1*

Lab Sample ID: LCS 570-794751/1003
Matrix: Water
Analysis Batch: 794751

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	19.4		ug/L		97	83 - 120
1,1,1-Trichloroethane	20.0	19.5		ug/L		97	78 - 123
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroetha ne	20.0	22.9		ug/L		115	72 - 130
1,1,2-Trichloroethane	20.0	19.9		ug/L		99	82 - 120
1,1-Dichloroethane	20.0	19.9		ug/L		100	79 - 122
1,1-Dichloroethene	20.0	20.4		ug/L		102	74 - 127

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

Lab Sample ID: LCS 570-794751/1003
Matrix: Water
Analysis Batch: 794751

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	20.3		ug/L		101	75 - 124
1,2,3-Trichlorobenzene	20.0	17.8		ug/L		89	71 - 126
1,2,3-Trichloropropane	20.0	16.7		ug/L		83	73 - 121
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	70 - 130
1,2,4-Trimethylbenzene	20.0	17.6		ug/L		88	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	18.5		ug/L		93	64 - 127
1,2-Dichlorobenzene	20.0	19.9		ug/L		100	78 - 122
1,2-Dichloroethane	20.0	17.9		ug/L		89	76 - 123
1,2-Dichloropropane	20.0	18.6		ug/L		93	82 - 120
1,3,5-Trimethylbenzene	20.0	19.5		ug/L		98	79 - 124
1,3-Dichlorobenzene	20.0	19.4		ug/L		97	81 - 120
1,3-Dichloropropane	20.0	19.9		ug/L		99	82 - 120
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	78 - 121
2,2-Dichloropropane	20.0	19.6		ug/L		98	69 - 133
2-Butanone	20.0	19.2		ug/L		96	55 - 142
2-Chlorotoluene	20.0	20.2		ug/L		101	80 - 120
2-Hexanone	20.0	14.7		ug/L		74	54 - 138
4-Chlorotoluene	20.0	20.0		ug/L		100	80 - 121
Acetone	20.0	25.1		ug/L		126	50 - 157
Benzene	20.0	19.0		ug/L		95	80 - 120
Bromobenzene	20.0	20.4		ug/L		102	80 - 120
Bromochloromethane	20.0	21.2		ug/L		106	83 - 123
Bromodichloromethane	20.0	18.9		ug/L		94	83 - 120
Bromoform	20.0	19.0		ug/L		95	75 - 128
Bromomethane	20.0	26.0	*+	ug/L		130	31 - 120
Carbon disulfide	20.0	20.4		ug/L		102	71 - 128
Carbon tetrachloride	20.0	20.2		ug/L		101	72 - 135
Chlorobenzene	20.0	20.4		ug/L		102	84 - 120
Chloroethane	20.0	16.5		ug/L		83	72 - 129
Chloroform	20.0	19.4		ug/L		97	79 - 120
Chloromethane	20.0	19.2		ug/L		96	36 - 148
cis-1,2-Dichloroethene	20.0	19.9		ug/L		100	81 - 120
cis-1,3-Dichloropropene	20.0	18.9		ug/L		94	76 - 125
Dibromochloromethane	20.0	20.3		ug/L		101	82 - 120
Dibromomethane	20.0	18.2		ug/L		91	85 - 120
Dichlorodifluoromethane	20.0	16.5		ug/L		83	52 - 147
Diethyl ether	20.0	19.4		ug/L		97	71 - 127
Di-isopropyl ether (DIPE)	20.0	18.5		ug/L		93	70 - 132
Ethanol	200	184		ug/L		92	48 - 163
Ethylbenzene	20.0	20.0		ug/L		100	81 - 120
Ethylene Dibromide	20.0	19.6		ug/L		98	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	17.4		ug/L		87	68 - 126
Isopropylbenzene	20.0	19.9		ug/L		99	80 - 122
m,p-Xylene	40.0	40.3		ug/L		101	79 - 122
Methylene Chloride	20.0	18.7		ug/L		93	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	17.7		ug/L		89	70 - 124
MIBK	20.0	16.3		ug/L		81	57 - 133
Naphthalene	20.0	14.9		ug/L		75	64 - 124
n-Butylbenzene	20.0	16.4		ug/L		82	78 - 127

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

Lab Sample ID: LCS 570-794751/1003
Matrix: Water
Analysis Batch: 794751

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	19.6		ug/L		98	80 - 121
o-Xylene	20.0	19.4		ug/L		97	81 - 120
p-Isopropyltoluene	20.0	17.8		ug/L		89	81 - 124
sec-Butylbenzene	20.0	18.4		ug/L		92	80 - 123
Styrene	20.0	19.2		ug/L		96	82 - 120
tert-Amyl alcohol	100	71.3		ug/L		71	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	16.7		ug/L		83	71 - 121
tert-Butyl alcohol (TBA)	100	99.2		ug/L		99	68 - 128
tert-Butylbenzene	20.0	19.3		ug/L		96	80 - 124
Tetrachloroethene	20.0	22.5		ug/L		113	78 - 126
Toluene	20.0	19.5		ug/L		97	82 - 120
trans-1,2-Dichloroethene	20.0	20.9		ug/L		105	79 - 122
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	73 - 127
Trichloroethene	20.0	19.6		ug/L		98	83 - 120
Trichlorofluoromethane	20.0	20.1		ug/L		100	74 - 135
Vinyl acetate	20.0	18.9		ug/L		95	56 - 135
Vinyl chloride	20.0	18.6		ug/L		93	68 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 570-794751/4
Matrix: Water
Analysis Batch: 794751

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	17.5		ug/L		87	83 - 120	10	20
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	78 - 123	9	20
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	72 - 130	14	20
1,1,2-Trichloroethane	20.0	18.2		ug/L		91	82 - 120	9	20
1,1-Dichloroethane	20.0	17.8		ug/L		89	79 - 122	11	20
1,1-Dichloroethene	20.0	17.3		ug/L		86	74 - 127	17	20
1,1-Dichloropropene	20.0	18.7		ug/L		93	75 - 124	8	20
1,2,3-Trichlorobenzene	20.0	18.1		ug/L		91	71 - 126	2	20
1,2,3-Trichloropropane	20.0	17.8		ug/L		89	73 - 121	7	20
1,2,4-Trichlorobenzene	20.0	17.5		ug/L		88	70 - 130	5	20
1,2,4-Trimethylbenzene	20.0	16.6		ug/L		83	80 - 125	6	20
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	64 - 127	0	20
1,2-Dichlorobenzene	20.0	19.3		ug/L		96	78 - 122	3	20
1,2-Dichloroethane	20.0	16.8		ug/L		84	76 - 123	6	20
1,2-Dichloropropane	20.0	17.6		ug/L		88	82 - 120	6	20
1,3,5-Trimethylbenzene	20.0	17.5		ug/L		88	79 - 124	11	20
1,3-Dichlorobenzene	20.0	18.3		ug/L		92	81 - 120	6	20
1,3-Dichloropropane	20.0	18.9		ug/L		95	82 - 120	5	20

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

Lab Sample ID: LCSD 570-794751/4
Matrix: Water
Analysis Batch: 794751

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	18.0		ug/L		90	78 - 121	7	20
2,2-Dichloropropane	20.0	17.4		ug/L		87	69 - 133	12	20
2-Butanone	20.0	19.4		ug/L		97	55 - 142	1	21
2-Chlorotoluene	20.0	19.2		ug/L		96	80 - 120	5	20
2-Hexanone	20.0	16.2		ug/L		81	54 - 138	9	21
4-Chlorotoluene	20.0	19.2		ug/L		96	80 - 121	4	20
Acetone	20.0	20.2		ug/L		101	50 - 157	22	26
Benzene	20.0	17.8		ug/L		89	80 - 120	7	20
Bromobenzene	20.0	19.3		ug/L		96	80 - 120	6	20
Bromochloromethane	20.0	19.1		ug/L		96	83 - 123	10	20
Bromodichloromethane	20.0	17.2		ug/L		86	83 - 120	10	20
Bromoform	20.0	18.9		ug/L		94	75 - 128	1	20
Bromomethane	20.0	22.4		ug/L		112	31 - 120	15	22
Carbon disulfide	20.0	17.2		ug/L		86	71 - 128	17	20
Carbon tetrachloride	20.0	18.0		ug/L		90	72 - 135	12	20
Chlorobenzene	20.0	19.0		ug/L		95	84 - 120	7	20
Chloroethane	20.0	15.0		ug/L		75	72 - 129	9	20
Chloroform	20.0	17.5		ug/L		87	79 - 120	10	20
Chloromethane	20.0	17.1		ug/L		86	36 - 148	11	20
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	81 - 120	4	20
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	76 - 125	8	20
Dibromochloromethane	20.0	18.2		ug/L		91	82 - 120	11	20
Dibromomethane	20.0	17.1		ug/L		86	85 - 120	6	20
Dichlorodifluoromethane	20.0	14.4		ug/L		72	52 - 147	14	20
Diethyl ether	20.0	17.4		ug/L		87	71 - 127	11	20
Di-isopropyl ether (DIPE)	20.0	17.4		ug/L		87	70 - 132	6	20
Ethanol	200	163		ug/L		81	48 - 163	12	30
Ethylbenzene	20.0	18.5		ug/L		92	81 - 120	8	20
Ethylene Dibromide	20.0	19.4		ug/L		97	81 - 120	1	20
Ethyl-t-butyl ether (ETBE)	20.0	16.3		ug/L		81	68 - 126	7	20
Isopropylbenzene	20.0	18.5		ug/L		92	80 - 122	7	20
m,p-Xylene	40.0	36.7		ug/L		92	79 - 122	9	20
Methylene Chloride	20.0	16.9		ug/L		84	76 - 120	10	20
Methyl-t-Butyl Ether (MTBE)	20.0	17.2		ug/L		86	70 - 124	3	20
MIBK	20.0	18.4		ug/L		92	57 - 133	12	20
Naphthalene	20.0	15.3		ug/L		77	64 - 124	3	20
n-Butylbenzene	20.0	15.0	*-	ug/L		75	78 - 127	9	20
N-Propylbenzene	20.0	18.1		ug/L		90	80 - 121	8	20
o-Xylene	20.0	18.1		ug/L		91	81 - 120	7	20
p-Isopropyltoluene	20.0	16.9		ug/L		84	81 - 124	5	20
sec-Butylbenzene	20.0	17.4		ug/L		87	80 - 123	6	20
Styrene	20.0	17.3		ug/L		87	82 - 120	10	20
tert-Amyl alcohol	100	71.8		ug/L		72	30 - 157	1	30
Tert-amyl-methyl ether (TAME)	20.0	16.3		ug/L		82	71 - 121	2	20
tert-Butyl alcohol (TBA)	100	97.8		ug/L		98	68 - 128	1	20
tert-Butylbenzene	20.0	18.0		ug/L		90	80 - 124	7	20
Tetrachloroethene	20.0	20.3		ug/L		102	78 - 126	10	20
Toluene	20.0	17.8		ug/L		89	82 - 120	9	20
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	79 - 122	12	20

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

Lab Sample ID: LCSD 570-794751/4
Matrix: Water
Analysis Batch: 794751

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	18.6		ug/L		93	73 - 127	9	20
Trichloroethene			20.0	18.0		ug/L		90	83 - 120	9	20
Trichlorofluoromethane			20.0	18.2		ug/L		91	74 - 135	10	20
Vinyl acetate			20.0	18.1		ug/L		90	56 - 135	4	24
Vinyl chloride			20.0	17.4		ug/L		87	68 - 131	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 570-293836-A-1 MS
Matrix: Water
Analysis Batch: 794751

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	20.2		ug/L		101	56 - 156		
1,1,1-Trichloroethane	<1.0		20.0	19.8		ug/L		99	56 - 155		
1,1,2,2-Tetrachloroethane	<1.0		20.0	19.0		ug/L		95	52 - 151		
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	21.7		ug/L		109	45 - 156		
1,1,2-Trichloroethane	<1.0		20.0	20.4		ug/L		102	64 - 142		
1,1-Dichloroethane	<1.0		20.0	19.2		ug/L		96	58 - 151		
1,1-Dichloroethene	<1.0		20.0	20.5		ug/L		102	51 - 160		
1,1-Dichloropropene	<1.0		20.0	19.8		ug/L		99	59 - 151		
1,2,3-Trichlorobenzene	<1.0		20.0	18.4		ug/L		92	56 - 148		
1,2,3-Trichloropropane	<5.0		20.0	18.5		ug/L		92	54 - 145		
1,2,4-Trichlorobenzene	<1.0		20.0	18.7		ug/L		94	51 - 149		
1,2,4-Trimethylbenzene	<1.0		20.0	19.1		ug/L		95	54 - 149		
1,2-Dibromo-3-Chloropropane	<10		20.0	17.4		ug/L		87	43 - 149		
1,2-Dichlorobenzene	<1.0		20.0	21.0		ug/L		105	64 - 144		
1,2-Dichloroethane	<0.50		20.0	18.3		ug/L		91	63 - 142		
1,2-Dichloropropane	<1.0		20.0	18.8		ug/L		94	64 - 144		
1,3,5-Trimethylbenzene	<1.0		20.0	20.4		ug/L		102	62 - 147		
1,3-Dichlorobenzene	<1.0		20.0	20.8		ug/L		104	63 - 143		
1,3-Dichloropropane	<1.0		20.0	20.6		ug/L		103	66 - 140		
1,4-Dichlorobenzene	<1.0		20.0	19.9		ug/L		99	62 - 141		
2,2-Dichloropropane	<1.0		20.0	17.5		ug/L		88	35 - 151		
2-Butanone	<10		20.0	13.7		ug/L		69	44 - 162		
2-Chlorotoluene	<1.0		20.0	21.2		ug/L		106	64 - 142		
2-Hexanone	<10		20.0	15.1		ug/L		76	40 - 151		
4-Chlorotoluene	<1.0		20.0	20.7		ug/L		104	61 - 144		
Acetone	<10	F2	20.0	13.9		ug/L		70	34 - 174		
Benzene	<0.50		20.0	19.4		ug/L		97	64 - 143		
Bromobenzene	<1.0		20.0	21.4		ug/L		107	67 - 144		
Bromochloromethane	<2.0		20.0	21.5		ug/L		108	70 - 149		
Bromodichloromethane	<1.0		20.0	18.7		ug/L		94	64 - 145		
Bromoform	<5.0		20.0	17.9		ug/L		90	43 - 165		

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

Lab Sample ID: 570-293836-A-1 MS
Matrix: Water
Analysis Batch: 794751

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	26.5		ug/L		132	25 - 180
Carbon disulfide	<10		20.0	20.4		ug/L		102	50 - 156
Carbon tetrachloride	<0.50		20.0	19.9		ug/L		100	51 - 167
Chlorobenzene	<1.0		20.0	21.3		ug/L		107	67 - 141
Chloroethane	<5.0		20.0	17.2		ug/L		86	46 - 167
Chloroform	<1.0		20.0	19.3		ug/L		96	62 - 143
Chloromethane	<10		20.0	19.3		ug/L		96	33 - 163
cis-1,2-Dichloroethene	<1.0		20.0	20.0		ug/L		100	57 - 152
cis-1,3-Dichloropropene	<0.50		20.0	17.4		ug/L		87	55 - 141
Dibromochloromethane	<2.0		20.0	20.8		ug/L		104	54 - 155
Dibromomethane	<1.0		20.0	18.5		ug/L		92	68 - 143
Dichlorodifluoromethane	<5.0		20.0	15.2		ug/L		76	36 - 159
Diethyl ether	<10		20.0	19.4		ug/L		97	53 - 151
Di-isopropyl ether (DIPE)	<2.0		20.0	18.1		ug/L		91	50 - 157
Ethanol	<100	F2	200	249		ug/L		125	29 - 180
Ethylbenzene	<1.0		20.0	20.7		ug/L		104	62 - 145
Ethylene Dibromide	<1.0		20.0	19.8		ug/L		99	65 - 141
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	17.2		ug/L		86	49 - 144
Isopropylbenzene	<1.0		20.0	20.5		ug/L		102	64 - 146
m,p-Xylene	<2.0		40.0	42.2		ug/L		106	61 - 146
Methylene Chloride	<10		20.0	19.3		ug/L		96	59 - 143
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	17.0		ug/L		85	52 - 145
MIBK	<10		20.0	16.1		ug/L		81	46 - 144
Naphthalene	<10		20.0	15.3		ug/L		77	41 - 148
n-Butylbenzene	<1.0	*-	20.0	17.3		ug/L		86	54 - 150
N-Propylbenzene	<1.0		20.0	20.4		ug/L		102	63 - 146
o-Xylene	<1.0		20.0	20.0		ug/L		100	64 - 144
p-Isopropyltoluene	<1.0		20.0	19.0		ug/L		95	59 - 147
sec-Butylbenzene	<1.0		20.0	19.8		ug/L		99	60 - 147
Styrene	<1.0		20.0	19.7		ug/L		99	44 - 154
tert-Amyl alcohol	<50		100	67.3		ug/L		67	25 - 164
Tert-amyl-methyl ether (TAME)	<2.0		20.0	16.3		ug/L		82	55 - 137
tert-Butyl alcohol (TBA)	<10		100	107		ug/L		107	56 - 154
tert-Butylbenzene	<1.0		20.0	20.6		ug/L		103	61 - 149
Tetrachloroethene	<1.0		20.0	24.0		ug/L		120	60 - 151
Toluene	<1.0		20.0	19.7		ug/L		99	64 - 144
trans-1,2-Dichloroethene	<1.0		20.0	20.9		ug/L		105	56 - 156
trans-1,3-Dichloropropene	<0.50		20.0	20.0		ug/L		100	52 - 143
Trichloroethene	<1.0		20.0	19.9		ug/L		99	41 - 169
Trichlorofluoromethane	<10		20.0	19.5		ug/L		98	54 - 161
Vinyl acetate	<10		20.0	17.0		ug/L		85	30 - 155
Vinyl chloride	<0.50		20.0	19.0		ug/L		95	49 - 164

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*

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

Lab Sample ID: 570-293836-A-1 MSD
Matrix: Water
Analysis Batch: 794751

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	19.8		ug/L		99	56 - 156	2	20
1,1,1-Trichloroethane	<1.0		20.0	19.3		ug/L		97	56 - 155	3	20
1,1,2,2-Tetrachloroethane	<1.0		20.0	20.1		ug/L		100	52 - 151	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	20.1		ug/L		100	45 - 156	8	20
1,1,2-Trichloroethane	<1.0		20.0	20.5		ug/L		102	64 - 142	0	20
1,1-Dichloroethane	<1.0		20.0	19.2		ug/L		96	58 - 151	0	20
1,1-Dichloroethene	<1.0		20.0	19.3		ug/L		96	51 - 160	6	20
1,1-Dichloropropene	<1.0		20.0	19.8		ug/L		99	59 - 151	0	20
1,2,3-Trichlorobenzene	<1.0		20.0	19.7		ug/L		98	56 - 148	7	20
1,2,3-Trichloropropane	<5.0		20.0	18.7		ug/L		94	54 - 145	1	20
1,2,4-Trichlorobenzene	<1.0		20.0	19.9		ug/L		99	51 - 149	6	20
1,2,4-Trimethylbenzene	<1.0		20.0	19.4		ug/L		97	54 - 149	1	20
1,2-Dibromo-3-Chloropropane	<10		20.0	17.2		ug/L		86	43 - 149	1	20
1,2-Dichlorobenzene	<1.0		20.0	21.3		ug/L		107	64 - 144	2	20
1,2-Dichloroethane	<0.50		20.0	17.7		ug/L		89	63 - 142	3	20
1,2-Dichloropropane	<1.0		20.0	18.6		ug/L		93	64 - 144	1	20
1,3,5-Trimethylbenzene	<1.0		20.0	19.9		ug/L		100	62 - 147	2	20
1,3-Dichlorobenzene	<1.0		20.0	20.9		ug/L		104	63 - 143	0	20
1,3-Dichloropropane	<1.0		20.0	19.5		ug/L		97	66 - 140	6	20
1,4-Dichlorobenzene	<1.0		20.0	21.1		ug/L		106	62 - 141	6	20
2,2-Dichloropropane	<1.0		20.0	17.6		ug/L		88	35 - 151	0	20
2-Butanone	<10		20.0	13.7		ug/L		68	44 - 162	1	20
2-Chlorotoluene	<1.0		20.0	20.0		ug/L		100	64 - 142	6	20
2-Hexanone	<10		20.0	16.2		ug/L		81	40 - 151	7	20
4-Chlorotoluene	<1.0		20.0	20.7		ug/L		104	61 - 144	0	20
Acetone	<10	F2	20.0	10.1	F2	ug/L		50	34 - 174	32	20
Benzene	<0.50		20.0	19.5		ug/L		98	64 - 143	1	20
Bromobenzene	<1.0		20.0	20.8		ug/L		104	67 - 144	3	20
Bromochloromethane	<2.0		20.0	20.9		ug/L		104	70 - 149	3	20
Bromodichloromethane	<1.0		20.0	18.8		ug/L		94	64 - 145	1	20
Bromoform	<5.0		20.0	19.9		ug/L		99	43 - 165	10	20
Bromomethane	<10	*+	20.0	25.4		ug/L		127	25 - 180	4	23
Carbon disulfide	<10		20.0	19.1		ug/L		96	50 - 156	6	20
Carbon tetrachloride	<0.50		20.0	19.5		ug/L		98	51 - 167	2	20
Chlorobenzene	<1.0		20.0	21.1		ug/L		106	67 - 141	1	20
Chloroethane	<5.0		20.0	16.7		ug/L		84	46 - 167	3	20
Chloroform	<1.0		20.0	19.0		ug/L		95	62 - 143	1	20
Chloromethane	<10		20.0	18.9		ug/L		95	33 - 163	2	20
cis-1,2-Dichloroethene	<1.0		20.0	20.0		ug/L		100	57 - 152	0	20
cis-1,3-Dichloropropene	<0.50		20.0	17.7		ug/L		89	55 - 141	2	20
Dibromochloromethane	<2.0		20.0	20.0		ug/L		100	54 - 155	3	20
Dibromomethane	<1.0		20.0	18.6		ug/L		93	68 - 143	1	20
Dichlorodifluoromethane	<5.0		20.0	14.9		ug/L		74	36 - 159	2	20
Diethyl ether	<10		20.0	17.5		ug/L		88	53 - 151	10	20
Di-isopropyl ether (DIPE)	<2.0		20.0	18.1		ug/L		90	50 - 157	0	20
Ethanol	<100	F2	200	114	F2	ug/L		57	29 - 180	74	40
Ethylbenzene	<1.0		20.0	20.5		ug/L		103	62 - 145	1	20
Ethylene Dibromide	<1.0		20.0	19.6		ug/L		98	65 - 141	1	20

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

Lab Sample ID: 570-293836-A-1 MSD
Matrix: Water
Analysis Batch: 794751

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	17.1		ug/L		85	49 - 144	1	20
Isopropylbenzene	<1.0		20.0	20.3		ug/L		101	64 - 146	1	20
m,p-Xylene	<2.0		40.0	41.2		ug/L		103	61 - 146	2	20
Methylene Chloride	<10		20.0	18.2		ug/L		91	59 - 143	5	20
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	17.1		ug/L		85	52 - 145	0	20
MIBK	<10		20.0	18.2		ug/L		91	46 - 144	12	20
Naphthalene	<10		20.0	16.0		ug/L		80	41 - 148	5	20
n-Butylbenzene	<1.0	*-	20.0	18.4		ug/L		92	54 - 150	6	20
N-Propylbenzene	<1.0		20.0	20.3		ug/L		101	63 - 146	1	20
o-Xylene	<1.0		20.0	20.0		ug/L		100	64 - 144	0	20
p-Isopropyltoluene	<1.0		20.0	19.4		ug/L		97	59 - 147	2	20
sec-Butylbenzene	<1.0		20.0	20.5		ug/L		103	60 - 147	4	20
Styrene	<1.0		20.0	19.0		ug/L		95	44 - 154	4	20
tert-Amyl alcohol	<50		100	60.3		ug/L		60	25 - 164	11	20
Tert-amyl-methyl ether (TAME)	<2.0		20.0	16.6		ug/L		83	55 - 137	2	20
tert-Butyl alcohol (TBA)	<10		100	101		ug/L		101	56 - 154	6	20
tert-Butylbenzene	<1.0		20.0	20.8		ug/L		104	61 - 149	1	20
Tetrachloroethene	<1.0		20.0	22.8		ug/L		114	60 - 151	5	20
Toluene	<1.0		20.0	19.7		ug/L		98	64 - 144	0	20
trans-1,2-Dichloroethene	<1.0		20.0	21.0		ug/L		105	56 - 156	0	20
trans-1,3-Dichloropropene	<0.50		20.0	19.0		ug/L		95	52 - 143	5	20
Trichloroethene	<1.0		20.0	19.2		ug/L		96	41 - 169	3	20
Trichlorofluoromethane	<10		20.0	19.1		ug/L		95	54 - 161	2	20
Vinyl acetate	<10		20.0	18.5		ug/L		92	30 - 155	8	20
Vinyl chloride	<0.50		20.0	19.2		ug/L		96	49 - 164	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*96*		*80 - 120*

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

Lab Sample ID: MB 570-791672/1-A
Matrix: Water
Analysis Batch: 797504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 791672

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*	*08/28/26 06:39*	*09/09/26 17:05*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*33 - 139*	*08/28/26 06:39*	*09/09/26 17:05*	*1*
2-Fluorobiphenyl (Surr)	*69*		*33 - 126*	*08/28/26 06:39*	*09/09/26 17:05*	*1*
2-Fluorophenol (Surr)	*49*		*12 - 120*	*08/28/26 06:39*	*09/09/26 17:05*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 120*	*08/28/26 06:39*	*09/09/26 17:05*	*1*
Phenol-d6 (Surr)	*24*		*10 - 120*	*08/28/26 06:39*	*09/09/26 17:05*	*1*
p-Terphenyl-d14 (Surr)	*90*		*47 - 131*	*08/28/26 06:39*	*09/09/26 17:05*	*1*

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

Lab Sample ID: MB 570-791672/1-A
Matrix: Water
Analysis Batch: 794330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 791672

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Acenaphthene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Acenaphthylene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Anthracene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Benzo[a]anthracene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Benzo[a]pyrene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Chrysene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Fluoranthene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Fluorene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Naphthalene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Phenanthrene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1
Pyrene	<0.20		0.20		ug/L		08/28/26 06:39	09/02/26 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*	*08/28/26 06:39*	*09/02/26 13:16*	*1*
2-Fluorobiphenyl (Surr)	*73*		*31 - 120*	*08/28/26 06:39*	*09/02/26 13:16*	*1*
2-Fluorophenol (Surr)	*50*		*17 - 120*	*08/28/26 06:39*	*09/02/26 13:16*	*1*
Nitrobenzene-d5 (Surr)	*75*		*27 - 120*	*08/28/26 06:39*	*09/02/26 13:16*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*08/28/26 06:39*	*09/02/26 13:16*	*1*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*	*08/28/26 06:39*	*09/02/26 13:16*	*1*

Lab Sample ID: LCS 570-791672/2-A
Matrix: Water
Analysis Batch: 794330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 791672

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	16.8		ug/L		84	47 - 120
2-Methylnaphthalene	20.0	16.4		ug/L		82	43 - 120
Acenaphthene	20.0	16.9		ug/L		85	60 - 132
Acenaphthylene	20.0	15.6		ug/L		78	54 - 126
Anthracene	20.0	17.5		ug/L		87	43 - 120
Benzo[a]anthracene	20.0	18.6		ug/L		93	42 - 133
Benzo[a]pyrene	20.0	18.6		ug/L		93	32 - 148
Benzo[b]fluoranthene	20.0	19.0		ug/L		95	42 - 140
Benzo[g,h,i]perylene	20.0	25.0		ug/L		125	1 - 195
Benzo[k]fluoranthene	20.0	18.2		ug/L		91	25 - 146
Chrysene	20.0	18.9		ug/L		95	44 - 140
Dibenz(a,h)anthracene	20.0	26.9		ug/L		134	1 - 200
Fluoranthene	20.0	18.5		ug/L		92	43 - 121
Fluorene	20.0	16.9		ug/L		84	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	25.4		ug/L		127	1 - 151
Naphthalene	20.0	17.3		ug/L		86	36 - 120

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

Lab Sample ID: LCS 570-791672/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 794330 — **Prep Batch: 791672**

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	18.7		ug/L		93	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*89*		*28 - 127*
2-Fluorobiphenyl (Surr)	*84*		*31 - 120*
2-Fluorophenol (Surr)	*65*		*17 - 120*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*
Phenol-d6 (Surr)	*41*		*10 - 120*
p-Terphenyl-d14 (Surr)	*89*		*45 - 120*

Lab Sample ID: LCSD 570-791672/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 794330 — **Prep Batch: 791672**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	12.5	*1	ug/L		62	47 - 120	30	20
2-Methylnaphthalene	20.0	12.1	*1	ug/L		60	43 - 120	30	20
Acenaphthene	20.0	16.4		ug/L		82	60 - 132	3	29
Acenaphthylene	20.0	16.6		ug/L		83	54 - 126	6	45
Anthracene	20.0	16.5		ug/L		82	43 - 120	6	40
Benzo[a]anthracene	20.0	17.7		ug/L		88	42 - 133	5	32
Benzo[a]pyrene	20.0	18.6		ug/L		93	32 - 148	0	43
Benzo[b]fluoranthene	20.0	17.6		ug/L		88	42 - 140	7	43
Benzo[g,h,i]perylene	20.0	17.7		ug/L		89	1 - 195	34	61
Benzo[k]fluoranthene	20.0	17.1		ug/L		85	25 - 146	7	38
Chrysene	20.0	17.7		ug/L		88	44 - 140	7	53
Dibenz(a,h)anthracene	20.0	18.3		ug/L		92	1 - 200	38	75
Fluoranthene	20.0	17.3		ug/L		87	43 - 121	7	40
Fluorene	20.0	16.9		ug/L		84	70 - 120	0	23
Indeno[1,2,3-cd]pyrene	20.0	17.7		ug/L		89	1 - 151	35	60
Naphthalene	20.0	11.9		ug/L		59	36 - 120	37	39
Phenanthrene	20.0	17.0		ug/L		85	65 - 120	7	24
Pyrene	20.0	18.2		ug/L		91	70 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*
2-Fluorobiphenyl (Surr)	*86*		*31 - 120*
2-Fluorophenol (Surr)	*61*		*17 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*

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

Lab Sample ID: 380-233060-A-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 794330 — **Prep Batch: 791672**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19	*1	19.4	14.5		ug/L		75	36 - 120
2-Methylnaphthalene	<0.19	*1	19.4	14.2		ug/L		73	32 - 124
Acenaphthene	<0.19		19.4	14.3		ug/L		74	47 - 145
Acenaphthylene	<0.19		19.4	13.8		ug/L		71	33 - 145
Anthracene	<0.19		19.4	14.5		ug/L		75	27 - 133
Benzo[a]anthracene	<0.19		19.4	16.0		ug/L		82	33 - 143
Benzo[a]pyrene	<0.19		19.4	16.7		ug/L		86	17 - 163
Benzo[b]fluoranthene	<0.19		19.4	15.8		ug/L		81	24 - 159
Benzo[g,h,i]perylene	<0.19		19.4	15.8		ug/L		82	1 - 219
Benzo[k]fluoranthene	<0.19		19.4	15.5		ug/L		80	11 - 162
Chrysene	<0.19		19.4	15.8		ug/L		82	17 - 168
Dibenz(a,h)anthracene	<0.19		19.4	16.4		ug/L		85	1 - 227
Fluoranthene	<0.19		19.4	15.6		ug/L		80	26 - 137
Fluorene	<0.19		19.4	14.5		ug/L		75	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.4	16.1		ug/L		83	1 - 171
Naphthalene	<0.19		19.4	14.1		ug/L		73	21 - 133
Phenanthrene	<0.19		19.4	14.9		ug/L		77	54 - 120
Pyrene	<0.19		19.4	16.3		ug/L		84	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*77*		*28 - 127*
2-Fluorobiphenyl (Surr)	*74*		*31 - 120*
2-Fluorophenol (Surr)	*49*		*17 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d6 (Surr)	*31*		*10 - 120*
p-Terphenyl-d14 (Surr)	*79*		*45 - 120*

Lab Sample ID: 380-233060-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 794330 — **Prep Batch: 791672**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19	*1	19.3	16.1		ug/L		84	36 - 120	11	30
2-Methylnaphthalene	<0.19	*1	19.3	15.9		ug/L		82	32 - 124	11	30
Acenaphthene	<0.19		19.3	15.4		ug/L		80	47 - 145	8	48
Acenaphthylene	<0.19		19.3	15.2		ug/L		79	33 - 145	9	74
Anthracene	<0.19		19.3	15.5		ug/L		80	27 - 133	7	66
Benzo[a]anthracene	<0.19		19.3	16.9		ug/L		88	33 - 143	6	53
Benzo[a]pyrene	<0.19		19.3	18.1		ug/L		94	17 - 163	8	72
Benzo[b]fluoranthene	<0.19		19.3	17.0		ug/L		88	24 - 159	7	71
Benzo[g,h,i]perylene	<0.19		19.3	17.2		ug/L		89	1 - 219	8	97
Benzo[k]fluoranthene	<0.19		19.3	16.5		ug/L		86	11 - 162	6	63
Chrysene	<0.19		19.3	16.7		ug/L		87	17 - 168	6	87
Dibenz(a,h)anthracene	<0.19		19.3	17.7		ug/L		92	1 - 227	7	126
Fluoranthene	<0.19		19.3	16.7		ug/L		87	26 - 137	7	66
Fluorene	<0.19		19.3	15.9		ug/L		83	59 - 121	9	38
Indeno[1,2,3-cd]pyrene	<0.19		19.3	17.5		ug/L		91	1 - 171	8	99
Naphthalene	<0.19		19.3	16.0		ug/L		83	21 - 133	13	65

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

Lab Sample ID: 380-233060-A-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 794330 — **Prep Batch: 791672**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19		19.3	16.0		ug/L		83	54 - 120	7	39
Pyrene	<0.19		19.3	17.1		ug/L		89	52 - 120	5	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*28 - 127*
2-Fluorobiphenyl (Surr)	*81*		*31 - 120*
2-Fluorophenol (Surr)	*58*		*17 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d6 (Surr)	*37*		*10 - 120*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*

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

Lab Sample ID: MB 570-795451/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			09/04/26 10:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*38 - 134*		*09/04/26 10:59*	*1*

Lab Sample ID: LCS 570-795451/3 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			400	373		ug/L		93	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*38 - 134*

Lab Sample ID: LCSD 570-795451/4 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			400	366		ug/L		91	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*38 - 134*

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

Lab Sample ID: MRL 570-795451/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	13.5		ug/L		135	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*

Lab Sample ID: 380-233271-B-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)	<10		400	421		ug/L		105	68 - 122		

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

Lab Sample ID: 380-233271-E-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 795451

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	374		ug/L		94	68 - 122	12	18

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

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

Lab Sample ID: MB 570-792989/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		08/31/26 09:26	09/06/26 06:26	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		08/31/26 09:26	09/06/26 06:26	1
C8-C18	<25		25		ug/L		08/31/26 09:26	09/06/26 06:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 130*	*08/31/26 09:26*	*09/06/26 06:26*	*1*

Lab Sample ID: LCS 570-792989/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1390		ug/L		87	56 - 127		

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

Lab Sample ID: LCS 570-792989/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	96		60 - 130

Lab Sample ID: LCSD 570-792989/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1400		ug/L		88	56 - 127	1	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	99		60 - 130

Lab Sample ID: MRL 570-792989/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	<0.020		mg/L		98	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	88		60 - 130

Lab Sample ID: 380-233271-I-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<25		1610	1400		ug/L		87	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	91		60 - 130

Lab Sample ID: 380-233271-J-1-A MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 796133 — **Prep Batch: 792989**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25		1610	1390		ug/L		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	91		60 - 130

QC Association Summary

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

Job ID: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 794751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	8260B	
380-233273-2	BWS2153-S1-TB	Total/NA	Water	8260B	
380-233273-3	BWS2153-S1-FB	Total/NA	Water	8260B	
MB 570-794751/6	Method Blank	Total/NA	Water	8260B	
LCS 570-794751/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-794751/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-293836-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-293836-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 791672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	625.1	
MB 570-791672/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-791672/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-791672/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-233060-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-233060-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 794330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	625.1 SIM	791672
MB 570-791672/1-A	Method Blank	Total/NA	Water	625.1 SIM	791672
LCS 570-791672/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	791672
LCSD 570-791672/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	791672
380-233060-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	791672
380-233060-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	791672

Analysis Batch: 797504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	625.1	791672
MB 570-791672/1-A	Method Blank	Total/NA	Water	625.1	791672

GC VOA

Analysis Batch: 795451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	8015B GRO LL	
380-233273-2	BWS2153-S1-TB	Total/NA	Water	8015B GRO LL	
380-233273-3	BWS2153-S1-FB	Total/NA	Water	8015B GRO LL	
MB 570-795451/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-795451/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-795451/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-795451/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-233271-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-233271-E-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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA

Prep Batch: 792989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	3510C	
MB 570-792989/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-792989/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-792989/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-792989/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-233271-I-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-233271-J-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 796133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-233273-1	BWS2153-S1-AQ	Total/NA	Water	8015B	792989
MB 570-792989/1-A	Method Blank	Total/NA	Water	8015B	792989
LCS 570-792989/2-A	Lab Control Sample	Total/NA	Water	8015B	792989
LCSD 570-792989/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	792989
MRL 570-792989/4-A	Lab Control Sample	Total/NA	Water	8015B	792989
380-233271-I-1-A MS	Matrix Spike	Total/NA	Water	8015B	792989
380-233271-J-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	792989

Lab Chronicle

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

Job ID: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-233273-1

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	794751	N5PD	EET CAL 4	09/03/26 13:22
Total/NA	Prep	625.1			791672	H1SH	EET CAL 4	08/28/26 06:39
Total/NA	Analysis	625.1		1	797504	S4EA	EET CAL 4	09/09/26 20:26
Total/NA	Prep	625.1			791672	H1SH	EET CAL 4	08/28/26 06:39
Total/NA	Analysis	625.1 SIM		1	794330	PQS1	EET CAL 4	09/02/26 18:49
Total/NA	Analysis	8015B GRO LL		1	795451	7CF2	EET CAL 4	09/04/26 17:19
Total/NA	Prep	3510C			792989	TVD6	EET CAL 4	08/31/26 09:30
Total/NA	Analysis	8015B		1	796133	H6FE	EET CAL 4	09/06/26 08:35

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-233273-2

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	794751	N5PD	EET CAL 4	09/03/26 12:14
Total/NA	Analysis	8015B GRO LL		1	795451	7CF2	EET CAL 4	09/04/26 11:58

Client Sample ID: BWS2153-S1-FB

Lab Sample ID: 380-233273-3

Date Collected: 08/26/26 09:00
Matrix: Water
Date Received: 08/27/26 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	794751	N5PD	EET CAL 4	09/03/26 12:37
Total/NA	Analysis	8015B GRO LL		1	795451	7CF2	EET CAL 4	09/04/26 14:39

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: 380-233273-1
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	07-31-27
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
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: 380-233273-1
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: 380-233273-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-233273-1	BWS2153-S1-AQ	Water	08/26/26 09:00	08/27/26 10:18	Hawaii
380-233273-2	BWS2153-S1-TB	Water	08/26/26 09:00	08/27/26 10:18	Hawaii
380-233273-3	BWS2153-S1-FB	Water	08/26/26 09:00	08/27/26 10:18	Hawaii

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

Chain of Custody Record

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380-233273 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:			Preservation Codes: A - HCL N - None
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			Other:
Site: S1	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, 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	8/26/26	9:00	G	Water	N	N	4	4	3	2	13	
BWS2153-S1-TB	↓	9:00	G	Water	N	N	2	2			4	LAB FILLED TRIP BLANKS
BWS2153-S1-FB	↓	9:00	G	Water	N	N	2	2			4	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 ☒ 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: 7427 8783 4065 0937

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/26/26 14:00	INTERA, INC	[signature]	8/27/26 10:18	EOAP

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 6182/1.8 -0.1 21.7 LLE

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
233273

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-374251.1
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 #: 380-233273-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 9/8/2026			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)	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)	8260B/5030C(MOD) Super Volatiles List	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BWS2153-S1-AQ (380-233273-1)	8/26/26	09:00 Hawaiian	G	Water			X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2153-S1-TB (380-233273-2)	8/26/26	09:00 Hawaiian	G	Water				X			X	4	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2153-S1-FB (380-233273-3)	8/26/26	09:00 Hawaiian	G	Water				X			X	4	MRLs are needed. Confirm any hits >RL., MRLs are needed.

380-233273 Chain of Custody

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

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Mark Urrutia	8/27/26 1520	EAP	Carlos Leo S	8/27/26 15:20	LWAY
Carlos Leo S	8/27/26 17:14	LWAY		8/27/26 1714	EC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.5/1.9 IR-3

Ver: 03/20/2026

9/10/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-233273-1
SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 233273
List Number: 1
Creator: Tran, Kristine

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: 380-233273-1
SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 233273
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 08/27/26 06:34 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	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	