

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site A1 625.1, 8015B_DRO/_GRO, 8260B

JOB NUMBER

380-235626-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



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Definitions/Glossary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

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

Job ID: 380-235626-1

Job ID: 380-235626-1

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Job Narrative 380-235626-1

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

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

Receipt

The samples were received on 9/10/2026 10:05 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 1.9°C.

GC/MS VOA

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

GC/MS Semi VOA

Method 625.1: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-800834.

The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method:625.1 Waters

Method 625.1 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-800834.

The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method:625.1 Waters

Method 625.1 SIM: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 570-800834 and analytical batch 570-802064: Fluorene. 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.

Gasoline Range Organics

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

Diesel Range Organics

Method 8015B: The method reporting limit check (MRL) for preparation batch 570-799328 and analytical batch 570-802031 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

Method 8015B: There was insufficient sample to perform a re-extraction in order to confirm hit over reporting limit in the field blank; therefore, the data has been reported. The field blank was ran after the native sample which was non detected. (XWB4)

Method: 8015B_DRO_LL_CS

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

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Detection Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

No Detections.

Client Sample ID: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

No Detections.

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics (C10-C24) - RA	44		34	ug/L	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 21:28	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			09/16/26 21:28	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,1-Dichloroethene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,1-Dichloropropene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			09/16/26 21:28	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			09/16/26 21:28	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,2-Dichloroethane	<0.50		0.50	ug/L			09/16/26 21:28	1
1,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
1,3-Dichloropropane	<1.0		1.0	ug/L			09/16/26 21:28	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
2,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 21:28	1
2-Butanone	<10		10	ug/L			09/16/26 21:28	1
2-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 21:28	1
2-Hexanone	<10		10	ug/L			09/16/26 21:28	1
4-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 21:28	1
Acetone	<10		10	ug/L			09/16/26 21:28	1
Benzene	<0.50		0.50	ug/L			09/16/26 21:28	1
Bromobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
Bromochloromethane	<2.0		2.0	ug/L			09/16/26 21:28	1
Bromodichloromethane	<1.0		1.0	ug/L			09/16/26 21:28	1
Bromoform	<5.0		5.0	ug/L			09/16/26 21:28	1
Bromomethane	<10		10	ug/L			09/16/26 21:28	1
Carbon disulfide	<10		10	ug/L			09/16/26 21:28	1
Carbon tetrachloride	<0.50		0.50	ug/L			09/16/26 21:28	1
Chlorobenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
Chloroethane	<5.0		5.0	ug/L			09/16/26 21:28	1
Chloroform	<1.0		1.0	ug/L			09/16/26 21:28	1
Chloromethane	<10		10	ug/L			09/16/26 21:28	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 21:28	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 21:28	1
Dibromochloromethane	<2.0		2.0	ug/L			09/16/26 21:28	1
Dibromomethane	<1.0		1.0	ug/L			09/16/26 21:28	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			09/16/26 21:28	1
Diethyl ether	<10		10	ug/L			09/16/26 21:28	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			09/16/26 21:28	1
Ethanol	<100		100	ug/L			09/16/26 21:28	1
Ethylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
Ethylene Dibromide	<1.0		1.0	ug/L			09/16/26 21:28	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			09/16/26 21:28	1

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 21:28	1
Hexane	<5.0		5.0	ug/L			09/16/26 21:28	1
Isobutyl alcohol	<75		75	ug/L			09/16/26 21:28	1
Isopropanol	<75		75	ug/L			09/16/26 21:28	1
Isopropylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
m,p-Xylene	<2.0		2.0	ug/L			09/16/26 21:28	1
Methylene Chloride	<10		10	ug/L			09/16/26 21:28	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/16/26 21:28	1
MIBK	<10		10	ug/L			09/16/26 21:28	1
Naphthalene	<10		10	ug/L			09/16/26 21:28	1
n-Butylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
N-Propylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
o-Xylene	<1.0		1.0	ug/L			09/16/26 21:28	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/16/26 21:28	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
Styrene	<1.0		1.0	ug/L			09/16/26 21:28	1
tert-Amyl alcohol	<50		50	ug/L			09/16/26 21:28	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/16/26 21:28	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/16/26 21:28	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/16/26 21:28	1
Tetrachloroethene	<1.0		1.0	ug/L			09/16/26 21:28	1
Toluene	<1.0		1.0	ug/L			09/16/26 21:28	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 21:28	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 21:28	1
Trichloroethene	<1.0		1.0	ug/L			09/16/26 21:28	1
Trichlorofluoromethane	<10		10	ug/L			09/16/26 21:28	1
Vinyl acetate	<10		10	ug/L			09/16/26 21:28	1
Vinyl chloride	<0.50		0.50	ug/L			09/16/26 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		80 - 120		09/16/26 21:28	1
4-Bromofluorobenzene (Surr)	87		80 - 120		09/16/26 21:28	1
Dibromofluoromethane (Surr)	98		80 - 120		09/16/26 21:28	1
Toluene-d8 (Surr)	90		80 - 120		09/16/26 21:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
2-Methylnaphthalene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Acenaphthene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Acenaphthylene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Anthracene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Benzo[a]anthracene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Benzo[a]pyrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Chrysene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Fluoranthene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Naphthalene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Phenanthrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1
Pyrene	<0.19		0.19	ug/L		09/13/26 09:47	09/20/26 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		28 - 127	09/13/26 09:47	09/20/26 19:03	1
2-Fluorobiphenyl (Surr)	70		31 - 120	09/13/26 09:47	09/20/26 19:03	1
2-Fluorophenol (Surr)	40		17 - 120	09/13/26 09:47	09/20/26 19:03	1
Nitrobenzene-d5 (Surr)	73		27 - 120	09/13/26 09:47	09/20/26 19:03	1
Phenol-d6 (Surr)	26		10 - 120	09/13/26 09:47	09/20/26 19:03	1
p-Terphenyl-d14 (Surr)	70		45 - 120	09/13/26 09:47	09/20/26 19:03	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
3-Penten-2-one, 4-methyl-	74	T J N	ug/L		1.82	141-79-7	09/13/26 09:47	09/20/26 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		33 - 139	09/13/26 09:47	09/20/26 16:47	1
2-Fluorobiphenyl (Surr)	79		33 - 126	09/13/26 09:47	09/20/26 16:47	1
2-Fluorophenol (Surr)	46		12 - 120	09/13/26 09:47	09/20/26 16:47	1
Nitrobenzene-d5 (Surr)	76		36 - 120	09/13/26 09:47	09/20/26 16:47	1
Phenol-d6 (Surr)	28		10 - 120	09/13/26 09:47	09/20/26 16:47	1
p-Terphenyl-d14 (Surr)	72		47 - 131	09/13/26 09:47	09/20/26 16:47	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			09/16/26 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		38 - 134		09/16/26 17:28	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)	<32		32	ug/L		09/13/26 15:41	09/18/26 14:13	1
Motor Oil Range Organics [C24-C36]	<32		32	ug/L		09/13/26 15:41	09/18/26 14:13	1
C8-C18	<32		32	ug/L		09/13/26 15:41	09/18/26 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	84		60 - 130	09/13/26 15:41	09/18/26 14:13	1

Client Sample ID: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 19:20	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/16/26 19:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/16/26 19:20	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 19:20	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/16/26 19:20	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/16/26 19:20	1
1,1-Dichloroethene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,1-Dichloropropene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			09/16/26 19:20	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			09/16/26 19:20	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,2-Dichloroethane	<0.50		0.50	ug/L			09/16/26 19:20	1
1,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:20	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
1,3-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:20	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
2,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:20	1
2-Butanone	<10		10	ug/L			09/16/26 19:20	1
2-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 19:20	1
2-Hexanone	<10		10	ug/L			09/16/26 19:20	1
4-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 19:20	1
Acetone	<10		10	ug/L			09/16/26 19:20	1
Benzene	<0.50		0.50	ug/L			09/16/26 19:20	1
Bromobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
Bromochloromethane	<2.0		2.0	ug/L			09/16/26 19:20	1
Bromodichloromethane	<1.0		1.0	ug/L			09/16/26 19:20	1
Bromoform	<5.0		5.0	ug/L			09/16/26 19:20	1
Bromomethane	<10		10	ug/L			09/16/26 19:20	1
Carbon disulfide	<10		10	ug/L			09/16/26 19:20	1
Carbon tetrachloride	<0.50		0.50	ug/L			09/16/26 19:20	1
Chlorobenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
Chloroethane	<5.0		5.0	ug/L			09/16/26 19:20	1
Chloroform	<1.0		1.0	ug/L			09/16/26 19:20	1
Chloromethane	<10		10	ug/L			09/16/26 19:20	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 19:20	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 19:20	1
Dibromochloromethane	<2.0		2.0	ug/L			09/16/26 19:20	1
Dibromomethane	<1.0		1.0	ug/L			09/16/26 19:20	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			09/16/26 19:20	1
Diethyl ether	<10		10	ug/L			09/16/26 19:20	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			09/16/26 19:20	1
Ethanol	<100		100	ug/L			09/16/26 19:20	1
Ethylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
Ethylene Dibromide	<1.0		1.0	ug/L			09/16/26 19:20	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			09/16/26 19:20	1
Hexachloro-1,3-butadiene	<10		10	ug/L			09/16/26 19:20	1
Hexane	<5.0		5.0	ug/L			09/16/26 19:20	1
Isobutyl alcohol	<75		75	ug/L			09/16/26 19:20	1

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			09/16/26 19:20	1
Isopropylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
m,p-Xylene	<2.0		2.0	ug/L			09/16/26 19:20	1
Methylene Chloride	<10		10	ug/L			09/16/26 19:20	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/16/26 19:20	1
MIBK	<10		10	ug/L			09/16/26 19:20	1
Naphthalene	<10		10	ug/L			09/16/26 19:20	1
n-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
N-Propylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
o-Xylene	<1.0		1.0	ug/L			09/16/26 19:20	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/16/26 19:20	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
Styrene	<1.0		1.0	ug/L			09/16/26 19:20	1
tert-Amyl alcohol	<50		50	ug/L			09/16/26 19:20	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/16/26 19:20	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/16/26 19:20	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:20	1
Tetrachloroethene	<1.0		1.0	ug/L			09/16/26 19:20	1
Toluene	<1.0		1.0	ug/L			09/16/26 19:20	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 19:20	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 19:20	1
Trichloroethene	<1.0		1.0	ug/L			09/16/26 19:20	1
Trichlorofluoromethane	<10		10	ug/L			09/16/26 19:20	1
Vinyl acetate	<10		10	ug/L			09/16/26 19:20	1
Vinyl chloride	<0.50		0.50	ug/L			09/16/26 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		80 - 120		09/16/26 19:20	1
4-Bromofluorobenzene (Surr)	86		80 - 120		09/16/26 19:20	1
Dibromofluoromethane (Surr)	100		80 - 120		09/16/26 19:20	1
Toluene-d8 (Surr)	90		80 - 120		09/16/26 19:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			09/18/26 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		38 - 134		09/18/26 15:28	1

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 19:41	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/16/26 19:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/16/26 19:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			09/16/26 19:41	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/16/26 19:41	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/16/26 19:41	1

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 19:41	1
1,1-Dichloropropene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			09/16/26 19:41	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			09/16/26 19:41	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,2-Dichloroethane	<0.50		0.50	ug/L			09/16/26 19:41	1
1,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:41	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
1,3-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:41	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
2,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 19:41	1
2-Butanone	<10		10	ug/L			09/16/26 19:41	1
2-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 19:41	1
2-Hexanone	<10		10	ug/L			09/16/26 19:41	1
4-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 19:41	1
Acetone	<10		10	ug/L			09/16/26 19:41	1
Benzene	<0.50		0.50	ug/L			09/16/26 19:41	1
Bromobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
Bromochloromethane	<2.0		2.0	ug/L			09/16/26 19:41	1
Bromodichloromethane	<1.0		1.0	ug/L			09/16/26 19:41	1
Bromoform	<5.0		5.0	ug/L			09/16/26 19:41	1
Bromomethane	<10		10	ug/L			09/16/26 19:41	1
Carbon disulfide	<10		10	ug/L			09/16/26 19:41	1
Carbon tetrachloride	<0.50		0.50	ug/L			09/16/26 19:41	1
Chlorobenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
Chloroethane	<5.0		5.0	ug/L			09/16/26 19:41	1
Chloroform	<1.0		1.0	ug/L			09/16/26 19:41	1
Chloromethane	<10		10	ug/L			09/16/26 19:41	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 19:41	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 19:41	1
Dibromochloromethane	<2.0		2.0	ug/L			09/16/26 19:41	1
Dibromomethane	<1.0		1.0	ug/L			09/16/26 19:41	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			09/16/26 19:41	1
Diethyl ether	<10		10	ug/L			09/16/26 19:41	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			09/16/26 19:41	1
Ethanol	<100		100	ug/L			09/16/26 19:41	1
Ethylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
Ethylene Dibromide	<1.0		1.0	ug/L			09/16/26 19:41	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			09/16/26 19:41	1
Hexachloro-1,3-butadiene	<10		10	ug/L			09/16/26 19:41	1
Hexane	<5.0		5.0	ug/L			09/16/26 19:41	1
Isobutyl alcohol	<75		75	ug/L			09/16/26 19:41	1
Isopropanol	<75		75	ug/L			09/16/26 19:41	1
Isopropylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
m,p-Xylene	<2.0		2.0	ug/L			09/16/26 19:41	1

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Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

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			09/16/26 19:41	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/16/26 19:41	1
MIBK	<10		10	ug/L			09/16/26 19:41	1
Naphthalene	<10		10	ug/L			09/16/26 19:41	1
n-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
N-Propylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
o-Xylene	<1.0		1.0	ug/L			09/16/26 19:41	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/16/26 19:41	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
Styrene	<1.0		1.0	ug/L			09/16/26 19:41	1
tert-Amyl alcohol	<50		50	ug/L			09/16/26 19:41	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/16/26 19:41	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/16/26 19:41	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/16/26 19:41	1
Tetrachloroethene	<1.0		1.0	ug/L			09/16/26 19:41	1
Toluene	<1.0		1.0	ug/L			09/16/26 19:41	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 19:41	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 19:41	1
Trichloroethene	<1.0		1.0	ug/L			09/16/26 19:41	1
Trichlorofluoromethane	<10		10	ug/L			09/16/26 19:41	1
Vinyl acetate	<10		10	ug/L			09/16/26 19:41	1
Vinyl chloride	<0.50		0.50	ug/L			09/16/26 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		80 - 120		09/16/26 19:41	1
4-Bromofluorobenzene (Surr)	88		80 - 120		09/16/26 19:41	1
Dibromofluoromethane (Surr)	98		80 - 120		09/16/26 19:41	1
Toluene-d8 (Surr)	92		80 - 120		09/16/26 19:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
2-Methylnaphthalene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Acenaphthene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Acenaphthylene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Anthracene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Benzo[a]anthracene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Benzo[a]pyrene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Chrysene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Fluoranthene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Fluorene	<0.19	*	0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Naphthalene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Phenanthrene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1
Pyrene	<0.19		0.19	ug/L		09/16/26 08:56	09/18/26 11:18	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		28 - 127	09/16/26 08:56	09/18/26 11:18	1
2-Fluorobiphenyl (Surr)	66		31 - 120	09/16/26 08:56	09/18/26 11:18	1
2-Fluorophenol (Surr)	39		17 - 120	09/16/26 08:56	09/18/26 11:18	1
Nitrobenzene-d5 (Surr)	71		27 - 120	09/16/26 08:56	09/18/26 11:18	1
Phenol-d6 (Surr)	25		10 - 120	09/16/26 08:56	09/18/26 11:18	1
p-Terphenyl-d14 (Surr)	69		45 - 120	09/16/26 08:56	09/18/26 11:18	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
Hexanedioic acid, dimethyl ester	1.6	T J N	ug/L		4.89	627-93-0	09/16/26 08:56	09/18/26 11:00	1
Benzo[b]dihydropyran, 6-hydroxy-4,4,5,7,8-pentamethyl-	1.6	T J N	ug/L		9.64	1000128-65-6	09/16/26 08:56	09/18/26 11:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		33 - 139	09/16/26 08:56	09/18/26 11:00	1
2-Fluorobiphenyl (Surr)	69		33 - 126	09/16/26 08:56	09/18/26 11:00	1
2-Fluorophenol (Surr)	42		12 - 120	09/16/26 08:56	09/18/26 11:00	1
Nitrobenzene-d5 (Surr)	69		36 - 120	09/16/26 08:56	09/18/26 11:00	1
Phenol-d6 (Surr)	26		10 - 120	09/16/26 08:56	09/18/26 11:00	1
p-Terphenyl-d14 (Surr)	70		47 - 131	09/16/26 08:56	09/18/26 11:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			09/18/26 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		38 - 134		09/18/26 19:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	44		34	ug/L		09/13/26 15:42	09/20/26 17:16	1
Motor Oil Range Organics [C24-C36]	<34		34	ug/L		09/13/26 15:42	09/20/26 17:16	1
C8-C18	<34		34	ug/L		09/13/26 15:42	09/20/26 17:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		60 - 130	09/13/26 15:42	09/20/26 17:16	1

Action Limit Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

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: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

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

Eurofins Pomona

Action Limit Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-TB (Continued)

Lab Sample ID: 380-235626-2

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: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

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

Eurofins Pomona

Action Limit Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-FB (Continued)

Lab Sample ID: 380-235626-3

Compliance Check

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

Analyte	Result	Qualifier	Unit	EPAMCL Limit	HI Org Limit	RL	Method	Prep Type
Toluene	<1.0		ug/L	1000	1000	1.0	8260B	Total/NA
trans-1,2-Dichloroethene	<1.0		ug/L	100	100.0	1.0	8260B	Total/NA
Trichloroethene	<1.0		ug/L	5	5.000	1.0	8260B	Total/NA
Vinyl chloride	<0.50		ug/L	2	2.000	0.50	8260B	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2		0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
380-235626-1	BWS2254-A1-AQ	85	87	98	90
380-235626-2	BWS2254-A1-TB	85	86	100	90
380-235626-3	BWS2254-A1-FB	85	88	98	92
570-295536-A-4 MS	Matrix Spike	84	92	95	94
570-295536-A-4 MSD	Matrix Spike Duplicate	83	92	96	92
LCS 570-801091/1003	Lab Control Sample	84	91	98	93
LCSD 570-801091/4	Lab Control Sample Dup	84	93	98	92
MB 570-801091/6	Method Blank	85	87	98	90

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-139)	FBP (33-126)	2FP (12-120)	NBZ (36-120)	PHL6 (10-120)	TPHd14 (47-131)
380-235626-1	BWS2254-A1-AQ	66	79	46	76	28	72
380-235626-3	BWS2254-A1-FB	69	69	42	69	26	70
MB 570-799215/1-A	Method Blank	70	80	53	83	33	73
MB 570-800834/1-A	Method Blank	74	73	48	78	31	83

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
380-235626-1	BWS2254-A1-AQ	72	70	40	73	26	70
380-235626-3	BWS2254-A1-FB	73	66	39	71	25	69
380-236065-A-1-B MS	Matrix Spike	75	68	43	57	30	57
380-236065-A-1-C MSD	Matrix Spike Duplicate	75	63	40	51	28	52
LCS 570-799215/2-A	Lab Control Sample	84	78	54	64	37	87
LCS 570-800834/2-A	Lab Control Sample	68	64	44	56	29	75
LCSD 570-799215/3-A	Lab Control Sample Dup	85	77	54	63	38	90
LCSD 570-800834/3-A	Lab Control Sample Dup	75	72	49	61	33	82
MB 570-799215/1-A	Method Blank	78	73	46	82	31	74
MB 570-800834/1-A	Method Blank	80	68	44	77	29	82

Surrogate Legend

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Surrogate Summary

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

Job ID: 380-235626-1

SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-235626-1	BWS2254-A1-AQ	96
380-235626-2	BWS2254-A1-TB	101
380-235626-3	BWS2254-A1-FB	101
380-235627-C-1 MS	Matrix Spike	95
380-235627-C-1 MSD	Matrix Spike Duplicate	101
380-236015-E-1 MSD	Matrix Spike Duplicate	100
380-236015-G-1 MS	Matrix Spike	101
LCS 570-800773/3	Lab Control Sample	94
LCS 570-802037/3	Lab Control Sample	98
LCSD 570-800773/4	Lab Control Sample Dup	93
LCSD 570-802037/4	Lab Control Sample Dup	102
MB 570-800773/6	Method Blank	95
MB 570-802037/6	Method Blank	104
MRL 570-800773/5	Lab Control Sample	94
MRL 570-802037/5	Lab Control Sample	101

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)
380-235626-1	BWS2254-A1-AQ	84
380-235626-1 MS	BWS2254-A1-AQ	97
380-235626-1 MSD	BWS2254-A1-AQ	89
380-235626-3 - RA	BWS2254-A1-FB	97
LCS 570-799328/2-A	Lab Control Sample	97
LCSD 570-799328/3-A	Lab Control Sample Dup	93
MB 570-799328/1-A	Method Blank	95
MRL 570-799328/4-A	Lab Control Sample	90
MRL 570-799328/4-A	Lab Control Sample	98

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-801091/6

Matrix: Water

Analysis Batch: 801091

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			09/16/26 18:37	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			09/16/26 18:37	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,1-Dichloroethane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,1-Dichloroethene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,1-Dichloropropene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			09/16/26 18:37	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			09/16/26 18:37	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,2-Dichloroethane	<0.50		0.50	ug/L			09/16/26 18:37	1
1,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
1,3-Dichloropropane	<1.0		1.0	ug/L			09/16/26 18:37	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
2,2-Dichloropropane	<1.0		1.0	ug/L			09/16/26 18:37	1
2-Butanone	<10		10	ug/L			09/16/26 18:37	1
2-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 18:37	1
2-Hexanone	<10		10	ug/L			09/16/26 18:37	1
4-Chlorotoluene	<1.0		1.0	ug/L			09/16/26 18:37	1
Acetone	<10		10	ug/L			09/16/26 18:37	1
Benzene	<0.50		0.50	ug/L			09/16/26 18:37	1
Bromobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
Bromochloromethane	<2.0		2.0	ug/L			09/16/26 18:37	1
Bromodichloromethane	<1.0		1.0	ug/L			09/16/26 18:37	1
Bromoform	<5.0		5.0	ug/L			09/16/26 18:37	1
Bromomethane	<10		10	ug/L			09/16/26 18:37	1
Carbon disulfide	<10		10	ug/L			09/16/26 18:37	1
Carbon tetrachloride	<0.50		0.50	ug/L			09/16/26 18:37	1
Chlorobenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
Chloroethane	<5.0		5.0	ug/L			09/16/26 18:37	1
Chloroform	<1.0		1.0	ug/L			09/16/26 18:37	1
Chloromethane	<10		10	ug/L			09/16/26 18:37	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 18:37	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 18:37	1
Dibromochloromethane	<2.0		2.0	ug/L			09/16/26 18:37	1
Dibromomethane	<1.0		1.0	ug/L			09/16/26 18:37	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			09/16/26 18:37	1
Diethyl ether	<10		10	ug/L			09/16/26 18:37	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			09/16/26 18:37	1
Ethanol	<100		100	ug/L			09/16/26 18:37	1
Ethylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
Ethylene Dibromide	<1.0		1.0	ug/L			09/16/26 18:37	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-801091/6

Matrix: Water

Analysis Batch: 801091

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			09/16/26 18:37	1
Hexachloro-1,3-butadiene	<10		10	ug/L			09/16/26 18:37	1
Hexane	<5.0		5.0	ug/L			09/16/26 18:37	1
Isobutyl alcohol	<75		75	ug/L			09/16/26 18:37	1
Isopropanol	<75		75	ug/L			09/16/26 18:37	1
Isopropylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
m,p-Xylene	<2.0		2.0	ug/L			09/16/26 18:37	1
Methylene Chloride	<10		10	ug/L			09/16/26 18:37	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			09/16/26 18:37	1
MIBK	<10		10	ug/L			09/16/26 18:37	1
Naphthalene	<10		10	ug/L			09/16/26 18:37	1
n-Butylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
N-Propylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
o-Xylene	<1.0		1.0	ug/L			09/16/26 18:37	1
p-Isopropyltoluene	<1.0		1.0	ug/L			09/16/26 18:37	1
sec-Butylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
Styrene	<1.0		1.0	ug/L			09/16/26 18:37	1
tert-Amyl alcohol	<50		50	ug/L			09/16/26 18:37	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			09/16/26 18:37	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			09/16/26 18:37	1
tert-Butylbenzene	<1.0		1.0	ug/L			09/16/26 18:37	1
Tetrachloroethene	<1.0		1.0	ug/L			09/16/26 18:37	1
Toluene	<1.0		1.0	ug/L			09/16/26 18:37	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			09/16/26 18:37	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			09/16/26 18:37	1
Trichloroethene	<1.0		1.0	ug/L			09/16/26 18:37	1
Trichlorofluoromethane	<10		10	ug/L			09/16/26 18:37	1
Vinyl acetate	<10		10	ug/L			09/16/26 18:37	1
Vinyl chloride	<0.50		0.50	ug/L			09/16/26 18:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		80 - 120		09/16/26 18:37	1
4-Bromofluorobenzene (Surr)	87		80 - 120		09/16/26 18:37	1
Dibromofluoromethane (Surr)	98		80 - 120		09/16/26 18:37	1
Toluene-d8 (Surr)	90		80 - 120		09/16/26 18:37	1

Lab Sample ID: LCS 570-801091/1003

Matrix: Water

Analysis Batch: 801091

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	20.5		ug/L		103	83 - 120
1,1,1-Trichloroethane	20.0	19.1		ug/L		96	78 - 123
1,1,2,2-Tetrachloroethane	20.0	19.7		ug/L		98	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	23.3		ug/L		117	72 - 130
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	82 - 120
1,1-Dichloroethane	20.0	19.1		ug/L		95	79 - 122
1,1-Dichloroethene	20.0	20.5		ug/L		103	74 - 127

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-801091/1003

Matrix: Water

Analysis Batch: 801091

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	19.0		ug/L		95	71 - 126
1,2,3-Trichloropropane	20.0	19.2		ug/L		96	73 - 121
1,2,4-Trichlorobenzene	20.0	19.0		ug/L		95	70 - 130
1,2,4-Trimethylbenzene	20.0	21.4		ug/L		107	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.4		ug/L		87	64 - 127
1,2-Dichlorobenzene	20.0	21.4		ug/L		107	78 - 122
1,2-Dichloroethane	20.0	15.7		ug/L		78	76 - 123
1,2-Dichloropropane	20.0	19.2		ug/L		96	82 - 120
1,3,5-Trimethylbenzene	20.0	21.0		ug/L		105	79 - 124
1,3-Dichlorobenzene	20.0	21.4		ug/L		107	81 - 120
1,3-Dichloropropane	20.0	18.9		ug/L		94	82 - 120
1,4-Dichlorobenzene	20.0	20.9		ug/L		105	78 - 121
2,2-Dichloropropane	20.0	20.1		ug/L		101	69 - 133
2-Butanone	20.0	15.4		ug/L		77	55 - 142
2-Chlorotoluene	20.0	20.3		ug/L		102	80 - 120
2-Hexanone	20.0	16.3		ug/L		82	54 - 138
4-Chlorotoluene	20.0	20.4		ug/L		102	80 - 121
Acetone	20.0	10.5		ug/L		53	50 - 157
Benzene	20.0	19.6		ug/L		98	80 - 120
Bromobenzene	20.0	19.3		ug/L		96	80 - 120
Bromochloromethane	20.0	20.4		ug/L		102	83 - 123
Bromodichloromethane	20.0	17.4		ug/L		87	83 - 120
Bromoform	20.0	21.6		ug/L		108	75 - 128
Bromomethane	20.0	18.1		ug/L		90	31 - 120
Carbon disulfide	20.0	21.9		ug/L		110	71 - 128
Carbon tetrachloride	20.0	21.1		ug/L		106	72 - 135
Chlorobenzene	20.0	20.7		ug/L		104	84 - 120
Chloroethane	20.0	16.7		ug/L		84	72 - 129
Chloroform	20.0	18.8		ug/L		94	79 - 120
Chloromethane	20.0	23.6		ug/L		118	36 - 148
cis-1,2-Dichloroethene	20.0	20.0		ug/L		100	81 - 120
cis-1,3-Dichloropropene	20.0	17.5		ug/L		87	76 - 125
Dibromochloromethane	20.0	19.1		ug/L		95	82 - 120
Dibromomethane	20.0	17.5		ug/L		88	85 - 120
Dichlorodifluoromethane	20.0	20.6		ug/L		103	52 - 147
Diethyl ether	20.0	17.9		ug/L		89	71 - 127
Di-isopropyl ether (DIPE)	20.0	20.7		ug/L		103	70 - 132
Ethanol	200	273		ug/L		137	48 - 163
Ethylbenzene	20.0	20.7		ug/L		104	81 - 120
Ethylene Dibromide	20.0	20.0		ug/L		100	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	17.9		ug/L		89	68 - 126
Isopropylbenzene	20.0	21.4		ug/L		107	80 - 122
m,p-Xylene	40.0	40.2		ug/L		100	79 - 122
Methylene Chloride	20.0	19.3		ug/L		97	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	16.8		ug/L		84	70 - 124
MIBK	20.0	15.9		ug/L		79	57 - 133
Naphthalene	20.0	17.6		ug/L		88	64 - 124
n-Butylbenzene	20.0	23.1		ug/L		116	78 - 127

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-801091/1003

Matrix: Water

Analysis Batch: 801091

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	20.5		ug/L		102	80 - 121
o-Xylene	20.0	19.8		ug/L		99	81 - 120
p-Isopropyltoluene	20.0	23.6		ug/L		118	81 - 124
sec-Butylbenzene	20.0	22.4		ug/L		112	80 - 123
Styrene	20.0	20.6		ug/L		103	82 - 120
tert-Amyl alcohol	100	81.6		ug/L		82	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	17.4		ug/L		87	71 - 121
tert-Butyl alcohol (TBA)	100	109		ug/L		109	68 - 128
tert-Butylbenzene	20.0	22.1		ug/L		110	80 - 124
Tetrachloroethene	20.0	21.9		ug/L		110	78 - 126
Toluene	20.0	19.7		ug/L		98	82 - 120
trans-1,2-Dichloroethene	20.0	21.9		ug/L		110	79 - 122
trans-1,3-Dichloropropene	20.0	17.8		ug/L		89	73 - 127
Trichloroethene	20.0	19.9		ug/L		99	83 - 120
Trichlorofluoromethane	20.0	21.8		ug/L		109	74 - 135
Vinyl acetate	20.0	17.2		ug/L		86	56 - 135
Vinyl chloride	20.0	18.7		ug/L		93	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		80 - 120
4-Bromofluorobenzene (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	93		80 - 120

Lab Sample ID: LCSD 570-801091/4

Matrix: Water

Analysis Batch: 801091

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	19.7		ug/L		98	83 - 120	4	20
1,1,1-Trichloroethane	20.0	18.3		ug/L		92	78 - 123	4	20
1,1,2,2-Tetrachloroethane	20.0	18.3		ug/L		92	74 - 125	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	72 - 130	9	20
1,1,2-Trichloroethane	20.0	18.0		ug/L		90	82 - 120	5	20
1,1-Dichloroethane	20.0	18.1		ug/L		91	79 - 122	5	20
1,1-Dichloroethene	20.0	19.2		ug/L		96	74 - 127	7	20
1,1-Dichloropropene	20.0	19.0		ug/L		95	75 - 124	6	20
1,2,3-Trichlorobenzene	20.0	17.1		ug/L		86	71 - 126	11	20
1,2,3-Trichloropropane	20.0	18.7		ug/L		93	73 - 121	3	20
1,2,4-Trichlorobenzene	20.0	17.0		ug/L		85	70 - 130	11	20
1,2,4-Trimethylbenzene	20.0	19.2		ug/L		96	80 - 125	11	20
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	64 - 127	3	20
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	78 - 122	12	20
1,2-Dichloroethane	20.0	15.5		ug/L		78	76 - 123	1	20
1,2-Dichloropropane	20.0	17.9		ug/L		90	82 - 120	7	20
1,3,5-Trimethylbenzene	20.0	18.9		ug/L		94	79 - 124	11	20
1,3-Dichlorobenzene	20.0	19.7		ug/L		99	81 - 120	8	20
1,3-Dichloropropane	20.0	17.6		ug/L		88	82 - 120	7	20

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-801091/4

Matrix: Water

Analysis Batch: 801091

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	18.6		ug/L		93	78 - 121	12	20
2,2-Dichloropropane	20.0	19.0		ug/L		95	69 - 133	6	20
2-Butanone	20.0	14.5		ug/L		73	55 - 142	6	21
2-Chlorotoluene	20.0	18.3		ug/L		91	80 - 120	11	20
2-Hexanone	20.0	15.4		ug/L		77	54 - 138	6	21
4-Chlorotoluene	20.0	17.9		ug/L		89	80 - 121	13	20
Acetone	20.0	9.93	J	ug/L		50	50 - 157	6	26
Benzene	20.0	18.2		ug/L		91	80 - 120	7	20
Bromobenzene	20.0	18.3		ug/L		91	80 - 120	5	20
Bromochloromethane	20.0	18.9		ug/L		95	83 - 123	7	20
Bromodichloromethane	20.0	16.5		ug/L		83	83 - 120	5	20
Bromoform	20.0	19.6		ug/L		98	75 - 128	10	20
Bromomethane	20.0	16.5		ug/L		82	31 - 120	9	22
Carbon disulfide	20.0	20.5		ug/L		103	71 - 128	7	20
Carbon tetrachloride	20.0	20.3		ug/L		102	72 - 135	4	20
Chlorobenzene	20.0	19.2		ug/L		96	84 - 120	7	20
Chloroethane	20.0	14.9		ug/L		74	72 - 129	12	20
Chloroform	20.0	17.8		ug/L		89	79 - 120	5	20
Chloromethane	20.0	20.5		ug/L		103	36 - 148	14	20
cis-1,2-Dichloroethene	20.0	19.0		ug/L		95	81 - 120	5	20
cis-1,3-Dichloropropene	20.0	16.6		ug/L		83	76 - 125	5	20
Dibromochloromethane	20.0	18.3		ug/L		92	82 - 120	4	20
Dibromomethane	20.0	17.0		ug/L		85	85 - 120	3	20
Dichlorodifluoromethane	20.0	19.3		ug/L		97	52 - 147	6	20
Diethyl ether	20.0	18.2		ug/L		91	71 - 127	2	20
Di-isopropyl ether (DIPE)	20.0	19.6		ug/L		98	70 - 132	5	20
Ethanol	200	247		ug/L		123	48 - 163	10	30
Ethylbenzene	20.0	19.1		ug/L		96	81 - 120	8	20
Ethylene Dibromide	20.0	18.1		ug/L		91	81 - 120	10	20
Ethyl-t-butyl ether (ETBE)	20.0	17.2		ug/L		86	68 - 126	4	20
Isopropylbenzene	20.0	20.0		ug/L		100	80 - 122	7	20
m,p-Xylene	40.0	37.4		ug/L		94	79 - 122	7	20
Methylene Chloride	20.0	18.2		ug/L		91	76 - 120	6	20
Methyl-t-Butyl Ether (MTBE)	20.0	16.3		ug/L		82	70 - 124	3	20
MIBK	20.0	15.8		ug/L		79	57 - 133	0	20
Naphthalene	20.0	16.6		ug/L		83	64 - 124	6	20
n-Butylbenzene	20.0	20.5		ug/L		103	78 - 127	12	20
N-Propylbenzene	20.0	18.5		ug/L		92	80 - 121	10	20
o-Xylene	20.0	18.3		ug/L		92	81 - 120	8	20
p-Isopropyltoluene	20.0	20.6		ug/L		103	81 - 124	14	20
sec-Butylbenzene	20.0	19.6		ug/L		98	80 - 123	13	20
Styrene	20.0	18.9		ug/L		94	82 - 120	9	20
tert-Amyl alcohol	100	95.5		ug/L		95	30 - 157	16	30
Tert-amyl-methyl ether (TAME)	20.0	17.3		ug/L		87	71 - 121	0	20
tert-Butyl alcohol (TBA)	100	102		ug/L		102	68 - 128	6	20
tert-Butylbenzene	20.0	19.4		ug/L		97	80 - 124	13	20
Tetrachloroethene	20.0	19.9		ug/L		99	78 - 126	10	20
Toluene	20.0	18.5		ug/L		92	82 - 120	6	20
trans-1,2-Dichloroethene	20.0	20.1		ug/L		101	79 - 122	8	20

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-801091/4

Matrix: Water

Analysis Batch: 801091

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	17.8		ug/L		89	73 - 127	0	20
Trichloroethene	20.0	18.7		ug/L		94	83 - 120	6	20
Trichlorofluoromethane	20.0	20.3		ug/L		101	74 - 135	7	20
Vinyl acetate	20.0	13.8		ug/L		69	56 - 135	22	24
Vinyl chloride	20.0	17.5		ug/L		88	68 - 131	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		80 - 120
4-Bromofluorobenzene (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	92		80 - 120

Lab Sample ID: 570-295536-A-4 MS

Matrix: Water

Analysis Batch: 801091

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	19.5		ug/L		98	56 - 156
1,1,1-Trichloroethane	<1.0		20.0	18.0		ug/L		90	56 - 155
1,1,2,2-Tetrachloroethane	<1.0		20.0	18.4		ug/L		92	52 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	20.6		ug/L		103	45 - 156
1,1,2-Trichloroethane	<1.0		20.0	18.1		ug/L		90	64 - 142
1,1-Dichloroethane	<1.0		20.0	17.7		ug/L		88	58 - 151
1,1-Dichloroethene	<1.0		20.0	19.0		ug/L		95	51 - 160
1,1-Dichloropropene	<1.0		20.0	19.0		ug/L		95	59 - 151
1,2,3-Trichlorobenzene	<1.0		20.0	17.0		ug/L		85	56 - 148
1,2,3-Trichloropropane	<5.0		20.0	18.0		ug/L		90	54 - 145
1,2,4-Trichlorobenzene	<1.0		20.0	16.4		ug/L		82	51 - 149
1,2,4-Trimethylbenzene	<1.0		20.0	18.6		ug/L		93	54 - 149
1,2-Dibromo-3-Chloropropane	<10		20.0	15.9		ug/L		80	43 - 149
1,2-Dichlorobenzene	<1.0		20.0	18.1		ug/L		90	64 - 144
1,2-Dichloroethane	<0.50		20.0	15.3		ug/L		77	63 - 142
1,2-Dichloropropane	<1.0		20.0	18.0		ug/L		90	64 - 144
1,3,5-Trimethylbenzene	<1.0		20.0	19.5		ug/L		97	62 - 147
1,3-Dichlorobenzene	<1.0		20.0	18.8		ug/L		94	63 - 143
1,3-Dichloropropane	<1.0		20.0	17.1		ug/L		86	66 - 140
1,4-Dichlorobenzene	<1.0		20.0	18.5		ug/L		92	62 - 141
2,2-Dichloropropane	<1.0		20.0	18.7		ug/L		93	35 - 151
2-Butanone	<10		20.0	13.8		ug/L		69	44 - 162
2-Chlorotoluene	<1.0		20.0	18.5		ug/L		93	64 - 142
2-Hexanone	<10		20.0	16.7		ug/L		84	40 - 151
4-Chlorotoluene	<1.0		20.0	17.7		ug/L		89	61 - 144
Acetone	<10		20.0	<10		ug/L		41	34 - 174
Benzene	<0.50		20.0	18.4		ug/L		92	64 - 143
Bromobenzene	<1.0		20.0	18.5		ug/L		93	67 - 144
Bromochloromethane	<2.0		20.0	18.8		ug/L		94	70 - 149
Bromodichloromethane	<1.0		20.0	16.7		ug/L		83	64 - 145
Bromoform	<5.0		20.0	19.3		ug/L		96	43 - 165

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-295536-A-4 MS

Matrix: Water

Analysis Batch: 801091

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	17.6		ug/L		88	25 - 180
Carbon disulfide	<10		20.0	20.3		ug/L		102	50 - 156
Carbon tetrachloride	<0.50		20.0	19.7		ug/L		99	51 - 167
Chlorobenzene	<1.0		20.0	19.4		ug/L		97	67 - 141
Chloroethane	<5.0		20.0	16.3		ug/L		81	46 - 167
Chloroform	<1.0		20.0	17.6		ug/L		88	62 - 143
Chloromethane	<10		20.0	20.3		ug/L		101	33 - 163
cis-1,2-Dichloroethene	<1.0		20.0	18.8		ug/L		94	57 - 152
cis-1,3-Dichloropropene	<0.50		20.0	15.6		ug/L		78	55 - 141
Dibromochloromethane	<2.0		20.0	17.8		ug/L		89	54 - 155
Dibromomethane	<1.0		20.0	16.9		ug/L		84	68 - 143
Dichlorodifluoromethane	<5.0		20.0	19.6		ug/L		98	36 - 159
Diethyl ether	<10		20.0	17.2		ug/L		86	53 - 151
Di-isopropyl ether (DIPE)	<2.0		20.0	18.9		ug/L		95	50 - 157
Ethanol	<100		200	277		ug/L		139	29 - 180
Ethylbenzene	<1.0		20.0	19.3		ug/L		96	62 - 145
Ethylene Dibromide	<1.0		20.0	18.3		ug/L		92	65 - 141
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	17.0		ug/L		85	49 - 144
Isopropylbenzene	<1.0		20.0	19.9		ug/L		100	64 - 146
m,p-Xylene	<2.0		40.0	37.3		ug/L		93	61 - 146
Methylene Chloride	<10		20.0	17.6		ug/L		88	59 - 143
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	15.9		ug/L		80	52 - 145
MIBK	<10		20.0	17.1		ug/L		86	46 - 144
Naphthalene	<10		20.0	16.0		ug/L		80	41 - 148
n-Butylbenzene	<1.0		20.0	20.1		ug/L		100	54 - 150
N-Propylbenzene	<1.0		20.0	18.7		ug/L		94	63 - 146
o-Xylene	<1.0		20.0	18.3		ug/L		91	64 - 144
p-Isopropyltoluene	<1.0		20.0	20.5		ug/L		103	59 - 147
sec-Butylbenzene	<1.0		20.0	19.5		ug/L		98	60 - 147
Styrene	<1.0		20.0	18.8		ug/L		94	44 - 154
tert-Amyl alcohol	<50		100	93.6		ug/L		94	25 - 164
Tert-amyl-methyl ether (TAME)	<2.0		20.0	16.8		ug/L		84	55 - 137
tert-Butyl alcohol (TBA)	<10		100	112		ug/L		112	56 - 154
tert-Butylbenzene	<1.0		20.0	19.2		ug/L		96	61 - 149
Tetrachloroethene	<1.0		20.0	19.8		ug/L		99	60 - 151
Toluene	<1.0		20.0	18.8		ug/L		94	64 - 144
trans-1,2-Dichloroethene	<1.0		20.0	20.2		ug/L		101	56 - 156
trans-1,3-Dichloropropene	<0.50		20.0	16.8		ug/L		84	52 - 143
Trichloroethene	<1.0		20.0	19.5		ug/L		95	41 - 169
Trichlorofluoromethane	<10		20.0	21.1		ug/L		106	54 - 161
Vinyl acetate	<10		20.0	16.7		ug/L		83	30 - 155
Vinyl chloride	<0.50		20.0	18.1		ug/L		90	49 - 164

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		80 - 120
4-Bromofluorobenzene (Surr)	92		80 - 120
Dibromofluoromethane (Surr)	95		80 - 120
Toluene-d8 (Surr)	94		80 - 120

Eurofins Pomona

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-295536-A-4 MSD

Matrix: Water

Analysis Batch: 801091

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<2.0		20.0	20.7		ug/L		103	56 - 156	6	20
1,1,1-Trichloroethane	<1.0		20.0	19.2		ug/L		96	56 - 155	7	20
1,1,2,2-Tetrachloroethane	<1.0		20.0	19.8		ug/L		99	52 - 151	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	22.1		ug/L		111	45 - 156	7	20
1,1,2-Trichloroethane	<1.0		20.0	18.2		ug/L		91	64 - 142	0	20
1,1-Dichloroethane	<1.0		20.0	18.6		ug/L		93	58 - 151	5	20
1,1-Dichloroethene	<1.0		20.0	20.2		ug/L		101	51 - 160	6	20
1,1-Dichloropropene	<1.0		20.0	20.4		ug/L		102	59 - 151	7	20
1,2,3-Trichlorobenzene	<1.0		20.0	19.8		ug/L		99	56 - 148	15	20
1,2,3-Trichloropropane	<5.0		20.0	18.6		ug/L		93	54 - 145	3	20
1,2,4-Trichlorobenzene	<1.0		20.0	18.8		ug/L		94	51 - 149	14	20
1,2,4-Trimethylbenzene	<1.0		20.0	21.0		ug/L		105	54 - 149	12	20
1,2-Dibromo-3-Chloropropane	<10		20.0	18.4		ug/L		92	43 - 149	14	20
1,2-Dichlorobenzene	<1.0		20.0	20.3		ug/L		102	64 - 144	12	20
1,2-Dichloroethane	<0.50		20.0	15.6		ug/L		78	63 - 142	2	20
1,2-Dichloropropane	<1.0		20.0	18.2		ug/L		91	64 - 144	1	20
1,3,5-Trimethylbenzene	<1.0		20.0	20.0		ug/L		100	62 - 147	3	20
1,3-Dichlorobenzene	<1.0		20.0	21.0		ug/L		105	63 - 143	11	20
1,3-Dichloropropane	<1.0		20.0	18.1		ug/L		90	66 - 140	5	20
1,4-Dichlorobenzene	<1.0		20.0	20.3		ug/L		102	62 - 141	10	20
2,2-Dichloropropane	<1.0		20.0	19.4		ug/L		97	35 - 151	4	20
2-Butanone	<10		20.0	14.9		ug/L		74	44 - 162	8	20
2-Chlorotoluene	<1.0		20.0	19.0		ug/L		95	64 - 142	3	20
2-Hexanone	<10		20.0	18.1		ug/L		90	40 - 151	8	20
4-Chlorotoluene	<1.0		20.0	19.5		ug/L		97	61 - 144	9	20
Acetone	<10		20.0	<10		ug/L		39	34 - 174	6	20
Benzene	<0.50		20.0	18.7		ug/L		94	64 - 143	2	20
Bromobenzene	<1.0		20.0	18.6		ug/L		93	67 - 144	0	20
Bromochloromethane	<2.0		20.0	19.5		ug/L		97	70 - 149	4	20
Bromodichloromethane	<1.0		20.0	16.8		ug/L		84	64 - 145	1	20
Bromoform	<5.0		20.0	20.8		ug/L		104	43 - 165	8	20
Bromomethane	<10		20.0	18.1		ug/L		91	25 - 180	3	23
Carbon disulfide	<10		20.0	20.8		ug/L		104	50 - 156	2	20
Carbon tetrachloride	<0.50		20.0	20.5		ug/L		102	51 - 167	4	20
Chlorobenzene	<1.0		20.0	20.0		ug/L		100	67 - 141	3	20
Chloroethane	<5.0		20.0	16.2		ug/L		81	46 - 167	0	20
Chloroform	<1.0		20.0	18.2		ug/L		91	62 - 143	4	20
Chloromethane	<10		20.0	20.1		ug/L		100	33 - 163	1	20
cis-1,2-Dichloroethene	<1.0		20.0	19.9		ug/L		100	57 - 152	6	20
cis-1,3-Dichloropropene	<0.50		20.0	16.2		ug/L		81	55 - 141	4	20
Dibromochloromethane	<2.0		20.0	18.9		ug/L		94	54 - 155	6	20
Dibromomethane	<1.0		20.0	17.1		ug/L		85	68 - 143	1	20
Dichlorodifluoromethane	<5.0		20.0	20.5		ug/L		102	36 - 159	4	20
Diethyl ether	<10		20.0	17.3		ug/L		86	53 - 151	0	20
Di-isopropyl ether (DIPE)	<2.0		20.0	19.9		ug/L		99	50 - 157	5	20
Ethanol	<100		200	296		ug/L		148	29 - 180	7	40
Ethylbenzene	<1.0		20.0	20.0		ug/L		100	62 - 145	3	20
Ethylene Dibromide	<1.0		20.0	18.6		ug/L		93	65 - 141	2	20

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-295536-A-4 MSD

Matrix: Water

Analysis Batch: 801091

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	17.3		ug/L		87	49 - 144	2	20
Isopropylbenzene	<1.0		20.0	20.9		ug/L		104	64 - 146	5	20
m,p-Xylene	<2.0		40.0	38.9		ug/L		97	61 - 146	4	20
Methylene Chloride	<10		20.0	18.5		ug/L		92	59 - 143	5	20
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	16.2		ug/L		81	52 - 145	1	20
MIBK	<10		20.0	16.9		ug/L		85	46 - 144	1	20
Naphthalene	<10		20.0	18.2		ug/L		91	41 - 148	13	20
n-Butylbenzene	<1.0		20.0	22.6		ug/L		113	54 - 150	12	20
N-Propylbenzene	<1.0		20.0	19.5		ug/L		98	63 - 146	4	20
o-Xylene	<1.0		20.0	19.1		ug/L		95	64 - 144	4	20
p-Isopropyltoluene	<1.0		20.0	23.0		ug/L		115	59 - 147	12	20
sec-Butylbenzene	<1.0		20.0	21.7		ug/L		108	60 - 147	10	20
Styrene	<1.0		20.0	19.9		ug/L		99	44 - 154	6	20
tert-Amyl alcohol	<50		100	91.4		ug/L		91	25 - 164	2	20
Tert-amyl-methyl ether (TAME)	<2.0		20.0	17.0		ug/L		85	55 - 137	1	20
tert-Butyl alcohol (TBA)	<10		100	101		ug/L		101	56 - 154	10	20
tert-Butylbenzene	<1.0		20.0	21.6		ug/L		108	61 - 149	12	20
Tetrachloroethene	<1.0		20.0	21.0		ug/L		105	60 - 151	6	20
Toluene	<1.0		20.0	19.2		ug/L		96	64 - 144	2	20
trans-1,2-Dichloroethene	<1.0		20.0	21.4		ug/L		107	56 - 156	6	20
trans-1,3-Dichloropropene	<0.50		20.0	17.3		ug/L		86	52 - 143	3	20
Trichloroethene	<1.0		20.0	19.5		ug/L		95	41 - 169	0	20
Trichlorofluoromethane	<10		20.0	21.3		ug/L		107	54 - 161	1	20
Vinyl acetate	<10		20.0	14.8		ug/L		74	30 - 155	12	20
Vinyl chloride	<0.50		20.0	18.8		ug/L		94	49 - 164	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	83		80 - 120
4-Bromofluorobenzene (Surr)	92		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	92		80 - 120

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

Lab Sample ID: MB 570-799215/1-A

Matrix: Water

Analysis Batch: 802892

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 799215

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	09/13/26 09:47	09/20/26 16:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		33 - 139	09/13/26 09:47	09/20/26 16:23	1
2-Fluorobiphenyl (Surr)	80		33 - 126	09/13/26 09:47	09/20/26 16:23	1
2-Fluorophenol (Surr)	53		12 - 120	09/13/26 09:47	09/20/26 16:23	1
Nitrobenzene-d5 (Surr)	83		36 - 120	09/13/26 09:47	09/20/26 16:23	1
Phenol-d6 (Surr)	33		10 - 120	09/13/26 09:47	09/20/26 16:23	1
p-Terphenyl-d14 (Surr)	73		47 - 131	09/13/26 09:47	09/20/26 16:23	1

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-800834/1-A
Matrix: Water
Analysis Batch: 801996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 800834

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>			<i>N/A</i>	<i>09/16/26 08:56</i>	<i>09/18/26 10:36</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	74		33 - 139				09/16/26 08:56	09/18/26 10:36	1
2-Fluorobiphenyl (Surr)	73		33 - 126				09/16/26 08:56	09/18/26 10:36	1
2-Fluorophenol (Surr)	48		12 - 120				09/16/26 08:56	09/18/26 10:36	1
Nitrobenzene-d5 (Surr)	78		36 - 120				09/16/26 08:56	09/18/26 10:36	1
Phenol-d6 (Surr)	31		10 - 120				09/16/26 08:56	09/18/26 10:36	1
p-Terphenyl-d14 (Surr)	83		47 - 131				09/16/26 08:56	09/18/26 10:36	1

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

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

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

<i>Analyte</i>	<i>Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>RL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1-Methylnaphthalene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
2-Methylnaphthalene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Acenaphthene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Acenaphthylene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Anthracene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[a]anthracene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[a]pyrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Chrysene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Fluoranthene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Fluorene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Naphthalene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Phenanthrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
Pyrene	<0.20		0.20	ug/L		09/13/26 09:47	09/20/26 17:55	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	78		28 - 127			09/13/26 09:47	09/20/26 17:55	1
2-Fluorobiphenyl (Surr)	73		31 - 120			09/13/26 09:47	09/20/26 17:55	1
2-Fluorophenol (Surr)	46		17 - 120			09/13/26 09:47	09/20/26 17:55	1
Nitrobenzene-d5 (Surr)	82		27 - 120			09/13/26 09:47	09/20/26 17:55	1
Phenol-d6 (Surr)	31		10 - 120			09/13/26 09:47	09/20/26 17:55	1
p-Terphenyl-d14 (Surr)	74		45 - 120			09/13/26 09:47	09/20/26 17:55	1

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-799215/2-A

Matrix: Water

Analysis Batch: 802886

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 799215

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

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

Lab Sample ID: LCSD 570-799215/3-A

Matrix: Water

Analysis Batch: 802886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 799215

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

Eurofins Pomona

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-799215/3-A

Matrix: Water

Analysis Batch: 802886

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 799215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	16.5		ug/L		82	65 - 120	3	24
Pyrene	20.0	19.3		ug/L		96	70 - 120	8	30

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

Lab Sample ID: MB 570-800834/1-A

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 800834

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
2-Methylnaphthalene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Acenaphthene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Acenaphthylene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Anthracene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Benzo[a]anthracene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Benzo[a]pyrene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Chrysene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Fluoranthene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Fluorene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Naphthalene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Phenanthrene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1
Pyrene	<0.20		0.20	ug/L		09/16/26 08:56	09/18/26 09:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		28 - 127	09/16/26 08:56	09/18/26 09:03	1
2-Fluorobiphenyl (Surr)	68		31 - 120	09/16/26 08:56	09/18/26 09:03	1
2-Fluorophenol (Surr)	44		17 - 120	09/16/26 08:56	09/18/26 09:03	1
Nitrobenzene-d5 (Surr)	77		27 - 120	09/16/26 08:56	09/18/26 09:03	1
Phenol-d6 (Surr)	29		10 - 120	09/16/26 08:56	09/18/26 09:03	1
p-Terphenyl-d14 (Surr)	82		45 - 120	09/16/26 08:56	09/18/26 09:03	1

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-800834/2-A

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 800834

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	10.2		ug/L		51	47 - 120
2-Methylnaphthalene	20.0	10.3		ug/L		51	43 - 120
Acenaphthene	20.0	12.8		ug/L		64	60 - 132
Acenaphthylene	20.0	13.2		ug/L		66	54 - 126
Anthracene	20.0	13.7		ug/L		68	43 - 120
Benzo[a]anthracene	20.0	15.0		ug/L		75	42 - 133
Benzo[a]pyrene	20.0	14.6		ug/L		73	32 - 148
Benzo[b]fluoranthene	20.0	14.3		ug/L		71	42 - 140
Benzo[g,h,i]perylene	20.0	14.0		ug/L		70	1 - 195
Benzo[k]fluoranthene	20.0	15.1		ug/L		76	25 - 146
Chrysene	20.0	13.9		ug/L		70	44 - 140
Dibenz(a,h)anthracene	20.0	14.2		ug/L		71	1 - 200
Fluoranthene	20.0	14.4		ug/L		72	43 - 121
Fluorene	20.0	13.2	*	ug/L		66	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	13.9		ug/L		70	1 - 151
Naphthalene	20.0	9.75		ug/L		49	36 - 120
Phenanthrene	20.0	13.2		ug/L		66	65 - 120
Pyrene	20.0	14.5		ug/L		72	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	68		28 - 127
2-Fluorobiphenyl (Surr)	64		31 - 120
2-Fluorophenol (Surr)	44		17 - 120
Nitrobenzene-d5 (Surr)	56		27 - 120
Phenol-d6 (Surr)	29		10 - 120
p-Terphenyl-d14 (Surr)	75		45 - 120

Lab Sample ID: LCSD 570-800834/3-A

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 800834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	11.3		ug/L		57	47 - 120	11	20
2-Methylnaphthalene	20.0	11.4		ug/L		57	43 - 120	10	20
Acenaphthene	20.0	14.5		ug/L		73	60 - 132	12	29
Acenaphthylene	20.0	14.8		ug/L		74	54 - 126	12	45
Anthracene	20.0	15.2		ug/L		76	43 - 120	11	40
Benzo[a]anthracene	20.0	16.7		ug/L		83	42 - 133	11	32
Benzo[a]pyrene	20.0	16.2		ug/L		81	32 - 148	10	43
Benzo[b]fluoranthene	20.0	15.6		ug/L		78	42 - 140	9	43
Benzo[g,h,i]perylene	20.0	15.5		ug/L		77	1 - 195	10	61
Benzo[k]fluoranthene	20.0	16.9		ug/L		85	25 - 146	12	38
Chrysene	20.0	15.5		ug/L		77	44 - 140	11	53
Dibenz(a,h)anthracene	20.0	15.7		ug/L		79	1 - 200	10	75
Fluoranthene	20.0	15.7		ug/L		78	43 - 121	9	40
Fluorene	20.0	14.9		ug/L		75	70 - 120	12	23
Indeno[1,2,3-cd]pyrene	20.0	15.4		ug/L		77	1 - 151	10	60
Naphthalene	20.0	10.8		ug/L		54	36 - 120	10	39

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-800834/3-A

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 800834

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	14.6		ug/L		73	65 - 120	11	24
Pyrene	20.0	15.8		ug/L		79	70 - 120	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	75		28 - 127
2-Fluorobiphenyl (Surr)	72		31 - 120
2-Fluorophenol (Surr)	49		17 - 120
Nitrobenzene-d5 (Surr)	61		27 - 120
Phenol-d6 (Surr)	33		10 - 120
p-Terphenyl-d14 (Surr)	82		45 - 120

Lab Sample ID: 380-236065-A-1-B MS

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 800834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		20.2	10.9		ug/L		54	36 - 120
2-Methylnaphthalene	<0.20		20.2	10.9		ug/L		54	32 - 124
Acenaphthene	<0.20		20.2	14.0		ug/L		69	47 - 145
Acenaphthylene	<0.20		20.2	14.2		ug/L		70	33 - 145
Anthracene	<0.20		20.2	14.8		ug/L		73	27 - 133
Benzo[a]anthracene	<0.20		20.2	15.6		ug/L		77	33 - 143
Benzo[a]pyrene	<0.20		20.2	14.9		ug/L		74	17 - 163
Benzo[b]fluoranthene	<0.20		20.2	14.7		ug/L		73	24 - 159
Benzo[g,h,i]perylene	<0.20		20.2	14.5		ug/L		72	1 - 219
Benzo[k]fluoranthene	<0.20		20.2	15.1		ug/L		75	11 - 162
Chrysene	<0.20		20.2	14.5		ug/L		72	17 - 168
Dibenz(a,h)anthracene	<0.20		20.2	14.7		ug/L		73	1 - 227
Fluoranthene	<0.20		20.2	15.3		ug/L		76	26 - 137
Fluorene	<0.20	*-	20.2	14.5		ug/L		72	59 - 121
Indeno[1,2,3-cd]pyrene	<0.20		20.2	14.3		ug/L		71	1 - 171
Naphthalene	<0.20		20.2	10.2		ug/L		51	21 - 133
Phenanthrene	<0.20		20.2	14.4		ug/L		71	54 - 120
Pyrene	<0.20		20.2	15.2		ug/L		75	52 - 120

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2,4,6-Tribromophenol (Surr)	75		28 - 127
2-Fluorobiphenyl (Surr)	68		31 - 120
2-Fluorophenol (Surr)	43		17 - 120
Nitrobenzene-d5 (Surr)	57		27 - 120
Phenol-d6 (Surr)	30		10 - 120
p-Terphenyl-d14 (Surr)	57		45 - 120

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-236065-A-1-C MSD

Matrix: Water

Analysis Batch: 802064

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 800834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		20.2	10.5		ug/L		52	36 - 120	4	30
2-Methylnaphthalene	<0.20		20.2	10.5		ug/L		52	32 - 124	4	30
Acenaphthene	<0.20		20.2	13.1		ug/L		65	47 - 145	7	48
Acenaphthylene	<0.20		20.2	13.3		ug/L		66	33 - 145	6	74
Anthracene	<0.20		20.2	14.5		ug/L		72	27 - 133	2	66
Benzo[a]anthracene	<0.20		20.2	15.2		ug/L		75	33 - 143	2	53
Benzo[a]pyrene	<0.20		20.2	14.6		ug/L		72	17 - 163	2	72
Benzo[b]fluoranthene	<0.20		20.2	14.3		ug/L		71	24 - 159	3	71
Benzo[g,h,i]perylene	<0.20		20.2	14.0		ug/L		69	1 - 219	3	97
Benzo[k]fluoranthene	<0.20		20.2	15.0		ug/L		74	11 - 162	1	63
Chrysene	<0.20		20.2	14.2		ug/L		70	17 - 168	2	87
Dibenz(a,h)anthracene	<0.20		20.2	14.4		ug/L		71	1 - 227	2	126
Fluoranthene	<0.20		20.2	15.4		ug/L		76	26 - 137	0	66
Fluorene	<0.20	*	20.2	13.9		ug/L		69	59 - 121	5	38
Indeno[1,2,3-cd]pyrene	<0.20		20.2	14.2		ug/L		70	1 - 171	0	99
Naphthalene	<0.20		20.2	9.49		ug/L		47	21 - 133	7	65
Phenanthrene	<0.20		20.2	14.0		ug/L		69	54 - 120	3	39
Pyrene	<0.20		20.2	14.5		ug/L		72	52 - 120	5	49

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	75		28 - 127
2-Fluorobiphenyl (Surr)	63		31 - 120
2-Fluorophenol (Surr)	40		17 - 120
Nitrobenzene-d5 (Surr)	51		27 - 120
Phenol-d6 (Surr)	28		10 - 120
p-Terphenyl-d14 (Surr)	52		45 - 120

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

Lab Sample ID: MB 570-800773/6

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			09/16/26 12:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		38 - 134		09/16/26 12:05	1

Lab Sample ID: LCS 570-800773/3

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	400	367		ug/L		92	78 - 120

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-800773/3

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		38 - 134

Lab Sample ID: LCSD 570-800773/4

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analysis Data: 000170											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limits
Gasoline Range Organics (C4-C13)			400	371		ug/L		93	78 - 120	1	10

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

Lab Sample ID: MRL 570-800773/5

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Date: 06/17/16										
Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (C4-C13)			10.0	12.6		ug/L		126	50 - 150	

	MRL	MRL	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		38 - 134

Lab Sample ID: 380-235627-C-1 MS

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (C4-C13)	<10		400	370		ug/L		92	68 - 122		

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

Lab Sample ID: 380-235627-C-1 MSD

Matrix: Water

Analysis Batch: 800773

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (C4-C13)	<10		400	358		ug/L		90	68 - 122	3	18

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

Eurofins Pomona

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-802037/6

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			09/18/26 10:37	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		38 - 134				09/18/26 10:37	1

Lab Sample ID: LCS 570-802037/3

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (C4-C13)	400	364		ug/L		91	78 - 120	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	98		38 - 134					

Lab Sample ID: LCSD 570-802037/4

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	400	383		ug/L		96	78 - 120	5	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	102		38 - 134						

Lab Sample ID: MRL 570-802037/5

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (C4-C13)	10.0	14.9		ug/L		149	50 - 150	
Surrogate	MRL %Recovery	MRL Qualifier	Limits					
4-Bromofluorobenzene (Surr)	101		38 - 134					

Lab Sample ID: 380-236015-E-1 MSD

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	<10		400	356		ug/L		89	68 - 122	3	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		38 - 134								

Eurofins Pomona

QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-236015-G-1 MS

Matrix: Water

Analysis Batch: 802037

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	<10		400	347		ug/L		87	68 - 122
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	101		38 - 134						

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

Lab Sample ID: MB 570-799328/1-A

Matrix: Water

Analysis Batch: 802031

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 799328

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<31		31	ug/L		09/13/26 15:38	09/18/26 09:34	1
Motor Oil Range Organics [C24-C36]	<31		31	ug/L		09/13/26 15:38	09/18/26 09:34	1
C8-C18	<31		31	ug/L		09/13/26 15:38	09/18/26 09:34	1
Surrogate	%Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac		
n-Octacosane (Surr)	95		60 - 130	09/13/26 15:38	09/18/26 09:34	1		

Lab Sample ID: LCS 570-799328/2-A

Matrix: Water

Analysis Batch: 802031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 799328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1510		ug/L		94	56 - 127
Surrogate	%Recovery	LCS Qualifier	LCS Limits				
n-Octacosane (Surr)	97		60 - 130				

Lab Sample ID: LCSD 570-799328/3-A

Matrix: Water

Analysis Batch: 802031

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 799328

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1480		ug/L		93	56 - 127	2	23
Surrogate	%Recovery	LCSD Qualifier	LCSD Limits	RPD	RPD Limit				
n-Octacosane (Surr)	93		60 - 130						

Lab Sample ID: MRL 570-799328/4-A

Matrix: Water

Analysis Batch: 802031

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 799328

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0311	^3+	mg/L		156	50 - 150

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QC Sample Results

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-799328/4-A
Matrix: Water
Analysis Batch: 802031

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 799328

	MRL	MRL	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	90		60 - 130

Lab Sample ID: MRL 570-799328/4-A
Matrix: Water
Analysis Batch: 802835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 799328

			Spike	MRL	MRL				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28			0.0200	<0.025		mg/L		117	50 - 150	
Surrogate	MRL	MRL								
	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	98		60 - 130							

Lab Sample ID: 380-235626-1 MS
Matrix: Water
Analysis Batch: 802031

Client Sample ID: BWS2254-A1-AQ
Prep Type: Total/NA
Prep Batch: 799328

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28	<32	^3+	1610	1640		ug/L		101	70 - 130	
Surrogate	MS	MS								
	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	97		60 - 130							

Lab Sample ID: 380-235626-1 MSD
Matrix: Water
Analysis Batch: 802031

Client Sample ID: BWS2254-A1-AQ
Prep Type: Total/NA
Prep Batch: 799328

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
C10-C28	<32	^3+	1620	1520		ug/L		94	70 - 130	7	20	
Surrogate	MSD	MSD										
	%Recovery	Qualifier	Limits									
n-Octacosane (Surr)	89		60 - 130									

QC Association Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 801091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	8260B	
380-235626-2	BWS2254-A1-TB	Total/NA	Water	8260B	
380-235626-3	BWS2254-A1-FB	Total/NA	Water	8260B	
MB 570-801091/6	Method Blank	Total/NA	Water	8260B	
LCS 570-801091/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-801091/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-295536-A-4 MS	Matrix Spike	Total/NA	Water	8260B	
570-295536-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 799215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	625.1	
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-799215/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-799215/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Prep Batch: 800834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-3	BWS2254-A1-FB	Total/NA	Water	625.1	
MB 570-800834/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-800834/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-800834/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-236065-A-1-B MS	Matrix Spike	Total/NA	Water	625.1	
380-236065-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 801996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-3	BWS2254-A1-FB	Total/NA	Water	625.1	800834
MB 570-800834/1-A	Method Blank	Total/NA	Water	625.1	800834

Analysis Batch: 802064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-3	BWS2254-A1-FB	Total/NA	Water	625.1 SIM	800834
MB 570-800834/1-A	Method Blank	Total/NA	Water	625.1 SIM	800834
LCS 570-800834/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	800834
LCSD 570-800834/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	800834
380-236065-A-1-B MS	Matrix Spike	Total/NA	Water	625.1 SIM	800834
380-236065-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	800834

Analysis Batch: 802886

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	625.1 SIM	799215
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1 SIM	799215
LCS 570-799215/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	799215
LCSD 570-799215/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	799215

Analysis Batch: 802892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	625.1	799215

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QC Association Summary

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS Semi VOA (Continued)

Analysis Batch: 802892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-799215/1-A	Method Blank	Total/NA	Water	625.1	799215

GC VOA

Analysis Batch: 800773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	8015B GRO LL	
MB 570-800773/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-800773/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-800773/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-800773/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-235627-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-235627-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

Analysis Batch: 802037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-2	BWS2254-A1-TB	Total/NA	Water	8015B GRO LL	
380-235626-3	BWS2254-A1-FB	Total/NA	Water	8015B GRO LL	
MB 570-802037/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-802037/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-802037/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-802037/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-236015-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	
380-236015-G-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 799328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	3510C	
380-235626-3 - RA	BWS2254-A1-FB	Total/NA	Water	3510C	
MB 570-799328/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-799328/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-799328/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-799328/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-235626-1 MS	BWS2254-A1-AQ	Total/NA	Water	3510C	
380-235626-1 MSD	BWS2254-A1-AQ	Total/NA	Water	3510C	

Analysis Batch: 802031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-1	BWS2254-A1-AQ	Total/NA	Water	8015B	799328
MB 570-799328/1-A	Method Blank	Total/NA	Water	8015B	799328
LCS 570-799328/2-A	Lab Control Sample	Total/NA	Water	8015B	799328
LCSD 570-799328/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	799328
MRL 570-799328/4-A	Lab Control Sample	Total/NA	Water	8015B	799328
380-235626-1 MS	BWS2254-A1-AQ	Total/NA	Water	8015B	799328
380-235626-1 MSD	BWS2254-A1-AQ	Total/NA	Water	8015B	799328

Analysis Batch: 802835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-235626-3 - RA	BWS2254-A1-FB	Total/NA	Water	8015B	799328
MRL 570-799328/4-A	Lab Control Sample	Total/NA	Water	8015B	799328

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Lab Chronicle

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

Job ID: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-A1-AQ

Lab Sample ID: 380-235626-1

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801091	N8SB	EET CAL 4	09/16/26 21:28
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1		1	802892	S4EA	EET CAL 4	09/20/26 16:47
Total/NA	Prep	625.1			799215	KLZQ	EET CAL 4	09/13/26 09:47
Total/NA	Analysis	625.1 SIM		1	802886	S4EA	EET CAL 4	09/20/26 19:03
Total/NA	Analysis	8015B GRO LL		1	800773	7CF2	EET CAL 4	09/16/26 17:28
Total/NA	Prep	3510C			799328	TVD6	EET CAL 4	09/13/26 15:41
Total/NA	Analysis	8015B		1	802031	TR8L	EET CAL 4	09/18/26 14:13

Client Sample ID: BWS2254-A1-TB

Lab Sample ID: 380-235626-2

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801091	N8SB	EET CAL 4	09/16/26 19:20
Total/NA	Analysis	8015B GRO LL		1	802037	7CF2	EET CAL 4	09/18/26 15:28

Client Sample ID: BWS2254-A1-FB

Lab Sample ID: 380-235626-3

Date Collected: 09/09/26 11:45

Matrix: Water

Date Received: 09/10/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	801091	N8SB	EET CAL 4	09/16/26 19:41
Total/NA	Prep	625.1			800834	KLZQ	EET CAL 4	09/16/26 08:56
Total/NA	Analysis	625.1		1	801996	PQS1	EET CAL 4	09/18/26 11:00
Total/NA	Prep	625.1			800834	KLZQ	EET CAL 4	09/16/26 08:56
Total/NA	Analysis	625.1 SIM		1	802064	PQS1	EET CAL 4	09/18/26 11:18
Total/NA	Analysis	8015B GRO LL		1	802037	7CF2	EET CAL 4	09/18/26 19:27
Total/NA	Prep	3510C	RA		799328	TVD6	EET CAL 4	09/13/26 15:42
Total/NA	Analysis	8015B	RA	1	802835	H6FE	EET CAL 4	09/20/26 17:16

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: 380-235626-1
SDG: Site A1 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	09-21-26
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	09-27-26
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	09-29-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-235626-1
SDG: Site A1 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: 380-235626-1
SDG: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-235626-1	BWS2254-A1-AQ	Water	09/09/26 11:45	09/10/26 10:05	Hawaii
380-235626-2	BWS2254-A1-TB	Water	09/09/26 11:45	09/10/26 10:05	Hawaii
380-235626-3	BWS2254-A1-FB	Water	09/09/26 11:45	09/10/26 10:05	Hawaii

- 1
- 2
- 3
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- 8
- 9
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- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record



380-235626 COC

[illegible]

10/1/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-235626-1

SDG Number: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 235626

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	
CIO4 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: 380-235626-1

SDG Number: Site A1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 235626

List Number: 2

Creator: Khana, Piyush

List Source: Eurofins Calscience

List Creation: 09/11/26 02:41 PM

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5 /2.6 1.8 /1.9 IR-4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	