

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site H1 625.1, 8015B_DRO/_GRO, 8260B

JOB NUMBER

380-220165-1

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



Authorized for release by
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Definitions/Glossary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS Semi VOA TICs

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

GC Semi VOA

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

Glossary

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

Case Narrative

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

Job ID: 380-220165-1

Job ID: 380-220165-1

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Job Narrative 380-220165-1

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 6/17/2026 10:00 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 5.0°C.

GC/MS VOA

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

GC/MS Semi VOA

Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-757352.

Method 625.1 SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-757352.

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

Gasoline Range Organics

Method 8015B GRO LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-761708. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

Diesel Range Organics

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

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Detection Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

No Detections.

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

No Detections.

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: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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			06/26/26 16:34	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			06/26/26 16:34	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/26/26 16:34	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/26/26 16:34	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/26/26 16:34	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/26/26 16:34	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 16:34	1
2-Butanone	<10		10	ug/L			06/26/26 16:34	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 16:34	1
2-Hexanone	<10		10	ug/L			06/26/26 16:34	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 16:34	1
Acetone	<10		10	ug/L			06/26/26 16:34	1
Benzene	<0.50		0.50	ug/L			06/26/26 16:34	1
Bromobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
Bromochloromethane	<2.0		2.0	ug/L			06/26/26 16:34	1
Bromodichloromethane	<1.0		1.0	ug/L			06/26/26 16:34	1
Bromoform	<5.0		5.0	ug/L			06/26/26 16:34	1
Bromomethane	<10		10	ug/L			06/26/26 16:34	1
Carbon disulfide	<10		10	ug/L			06/26/26 16:34	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/26/26 16:34	1
Chlorobenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
Chloroethane	<5.0		5.0	ug/L			06/26/26 16:34	1
Chloroform	<1.0		1.0	ug/L			06/26/26 16:34	1
Chloromethane	<10		10	ug/L			06/26/26 16:34	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 16:34	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 16:34	1
Dibromochloromethane	<2.0		2.0	ug/L			06/26/26 16:34	1
Dibromomethane	<1.0		1.0	ug/L			06/26/26 16:34	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/26/26 16:34	1
Diethyl ether	<10		10	ug/L			06/26/26 16:34	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			06/26/26 16:34	1
Ethanol	<100		100	ug/L			06/26/26 16:34	1
Ethylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
Ethylene Dibromide	<1.0		1.0	ug/L			06/26/26 16:34	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			06/26/26 16:34	1

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Client Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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			06/26/26 16:34	1
Hexane	<5.0		5.0	ug/L			06/26/26 16:34	1
Isobutyl alcohol	<75		75	ug/L			06/26/26 16:34	1
Isopropanol	<75		75	ug/L			06/26/26 16:34	1
Isopropylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
m,p-Xylene	<2.0		2.0	ug/L			06/26/26 16:34	1
Methylene Chloride	<10		10	ug/L			06/26/26 16:34	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/26/26 16:34	1
MIBK	<10		10	ug/L			06/26/26 16:34	1
Naphthalene	<10		10	ug/L			06/26/26 16:34	1
n-Butylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
N-Propylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
o-Xylene	<1.0		1.0	ug/L			06/26/26 16:34	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/26/26 16:34	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
Styrene	<1.0		1.0	ug/L			06/26/26 16:34	1
tert-Amyl alcohol	<50		50	ug/L			06/26/26 16:34	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/26/26 16:34	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/26/26 16:34	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/26/26 16:34	1
Tetrachloroethene	<1.0		1.0	ug/L			06/26/26 16:34	1
Toluene	<1.0		1.0	ug/L			06/26/26 16:34	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 16:34	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 16:34	1
Trichloroethene	<1.0		1.0	ug/L			06/26/26 16:34	1
Trichlorofluoromethane	<10		10	ug/L			06/26/26 16:34	1
Vinyl acetate	<10		10	ug/L			06/26/26 16:34	1
Vinyl chloride	<0.50		0.50	ug/L			06/26/26 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		06/26/26 16:34	1
4-Bromofluorobenzene (Surr)	100		80 - 120		06/26/26 16:34	1
Dibromofluoromethane (Surr)	100		80 - 120		06/26/26 16:34	1
Toluene-d8 (Surr)	101		80 - 120		06/26/26 16:34	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		06/20/26 10:43	06/24/26 10:20	1
2-Methylnaphthalene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Acenaphthene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Acenaphthylene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Anthracene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Benzo[a]anthracene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Benzo[a]pyrene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Chrysene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Dibenz[a,h]anthracene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Fluoranthene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1

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Client Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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		06/20/26 10:43	06/24/26 10:20	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Naphthalene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Phenanthrene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1
Pyrene	<0.19		0.19	ug/L		06/20/26 10:43	06/24/26 10:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		28 - 127	06/20/26 10:43	06/24/26 10:20	1
2-Fluorobiphenyl (Surr)	82		31 - 120	06/20/26 10:43	06/24/26 10:20	1
2-Fluorophenol (Surr)	59		17 - 120	06/20/26 10:43	06/24/26 10:20	1
Nitrobenzene-d5 (Surr)	80		27 - 120	06/20/26 10:43	06/24/26 10:20	1
Phenol-d6 (Surr)	37		10 - 120	06/20/26 10:43	06/24/26 10:20	1
p-Terphenyl-d14 (Surr)	79		45 - 120	06/20/26 10:43	06/24/26 10:20	1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butylated Hydroxytoluene	6.6	T J N	ug/L		6.66	128-37-0	06/20/26 10:43	06/29/26 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		33 - 139	06/20/26 10:43	06/29/26 14:57	1
2-Fluorobiphenyl (Surr)	86		33 - 126	06/20/26 10:43	06/29/26 14:57	1
2-Fluorophenol (Surr)	49		12 - 120	06/20/26 10:43	06/29/26 14:57	1
Nitrobenzene-d5 (Surr)	89		36 - 120	06/20/26 10:43	06/29/26 14:57	1
Phenol-d6 (Surr)	30		10 - 120	06/20/26 10:43	06/29/26 14:57	1
p-Terphenyl-d14 (Surr)	85		47 - 131	06/20/26 10:43	06/29/26 14:57	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			06/29/26 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134		06/29/26 16:07	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		06/19/26 07:23	06/19/26 21:04	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		06/19/26 07:23	06/19/26 21:04	1
C8-C18	<25		25	ug/L		06/19/26 07:23	06/19/26 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	113		60 - 130	06/19/26 07:23	06/19/26 21:04	1

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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			06/26/26 13:36	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/26/26 13:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/26/26 13:36	1

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Client Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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			06/26/26 13:36	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/26/26 13:36	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/26/26 13:36	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/26/26 13:36	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/26/26 13:36	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/26/26 13:36	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 13:36	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/26/26 13:36	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 13:36	1
2-Butanone	<10		10	ug/L			06/26/26 13:36	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 13:36	1
2-Hexanone	<10		10	ug/L			06/26/26 13:36	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 13:36	1
Acetone	<10		10	ug/L			06/26/26 13:36	1
Benzene	<0.50		0.50	ug/L			06/26/26 13:36	1
Bromobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
Bromochloromethane	<2.0		2.0	ug/L			06/26/26 13:36	1
Bromodichloromethane	<1.0		1.0	ug/L			06/26/26 13:36	1
Bromoform	<5.0		5.0	ug/L			06/26/26 13:36	1
Bromomethane	<10		10	ug/L			06/26/26 13:36	1
Carbon disulfide	<10		10	ug/L			06/26/26 13:36	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/26/26 13:36	1
Chlorobenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
Chloroethane	<5.0		5.0	ug/L			06/26/26 13:36	1
Chloroform	<1.0		1.0	ug/L			06/26/26 13:36	1
Chloromethane	<10		10	ug/L			06/26/26 13:36	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 13:36	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 13:36	1
Dibromochloromethane	<2.0		2.0	ug/L			06/26/26 13:36	1
Dibromomethane	<1.0		1.0	ug/L			06/26/26 13:36	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/26/26 13:36	1
Diethyl ether	<10		10	ug/L			06/26/26 13:36	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			06/26/26 13:36	1
Ethanol	<100		100	ug/L			06/26/26 13:36	1
Ethylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
Ethylene Dibromide	<1.0		1.0	ug/L			06/26/26 13:36	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			06/26/26 13:36	1
Hexachloro-1,3-butadiene	<10		10	ug/L			06/26/26 13:36	1
Hexane	<5.0		5.0	ug/L			06/26/26 13:36	1
Isobutyl alcohol	<75		75	ug/L			06/26/26 13:36	1

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Client Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			06/26/26 13:36	1
Isopropylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
m,p-Xylene	<2.0		2.0	ug/L			06/26/26 13:36	1
Methylene Chloride	<10		10	ug/L			06/26/26 13:36	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/26/26 13:36	1
MIBK	<10		10	ug/L			06/26/26 13:36	1
Naphthalene	<10		10	ug/L			06/26/26 13:36	1
n-Butylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
N-Propylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
o-Xylene	<1.0		1.0	ug/L			06/26/26 13:36	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/26/26 13:36	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
Styrene	<1.0		1.0	ug/L			06/26/26 13:36	1
tert-Amyl alcohol	<50		50	ug/L			06/26/26 13:36	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/26/26 13:36	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/26/26 13:36	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/26/26 13:36	1
Tetrachloroethene	<1.0		1.0	ug/L			06/26/26 13:36	1
Toluene	<1.0		1.0	ug/L			06/26/26 13:36	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 13:36	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 13:36	1
Trichloroethene	<1.0		1.0	ug/L			06/26/26 13:36	1
Trichlorofluoromethane	<10		10	ug/L			06/26/26 13:36	1
Vinyl acetate	<10		10	ug/L			06/26/26 13:36	1
Vinyl chloride	<0.50		0.50	ug/L			06/26/26 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		06/26/26 13:36	1
4-Bromofluorobenzene (Surr)	97		80 - 120		06/26/26 13:36	1
Dibromofluoromethane (Surr)	99		80 - 120		06/26/26 13:36	1
Toluene-d8 (Surr)	102		80 - 120		06/26/26 13:36	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			06/29/26 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134		06/29/26 20:09	1

Action Limit Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

Compliance Check

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

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

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

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

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Action Limit Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB (Continued)

Lab Sample ID: 380-220165-2

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

Surrogate Summary

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

Job ID: 380-220165-1
SDG: Site H1 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)
380-220165-1	BWS2253-H1-AQ	98	100	100	101
380-220165-2	BWS2253-H1-TB	94	97	99	102
570-284912-A-3 MS	Matrix Spike	95	99	97	98
570-284912-A-3 MSD	Matrix Spike Duplicate	93	100	96	98
LCS 570-760389/1003	Lab Control Sample	99	102	101	99
LCSD 570-760389/4	Lab Control Sample Dup	99	101	103	100
MB 570-760389/6	Method Blank	98	97	101	100

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)
380-220165-1	BWS2253-H1-AQ	95	86	49	89	30	85
MB 570-757352/1-A	Method Blank	90	84	48	86	32	87

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)
380-220165-1	BWS2253-H1-AQ	85	82	59	80	37	79
LCS 570-757352/2-A	Lab Control Sample	82	82	73	77	47	88
LCSD 570-757352/3-A	Lab Control Sample Dup	83	78	71	74	45	88
MB 570-757352/1-A	Method Blank	92	93	70	90	43	90

Surrogate Legend

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

Surrogate Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-220165-1	BWS2253-H1-AQ	102
380-220165-2	BWS2253-H1-TB	102
LCS 570-761708/3	Lab Control Sample	106
LCSD 570-761708/4	Lab Control Sample Dup	105
MB 570-761708/6	Method Blank	103
MRL 570-761708/5	Lab Control Sample	103
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)
380-220165-1	BWS2253-H1-AQ	113
380-220165-1 MS	BWS2253-H1-AQ	105
380-220165-1 MSD	BWS2253-H1-AQ	96
LCS 570-756769/2-A	Lab Control Sample	112
LCSD 570-756769/3-A	Lab Control Sample Dup	103
MB 570-756769/1-A	Method Blank	105
MRL 570-756769/4-A	Lab Control Sample	99
Surrogate Legend		
OTCSN = n-Octacosane (Surr)		

QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-760389/6

Matrix: Water

Analysis Batch: 760389

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			06/26/26 08:21	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			06/26/26 08:21	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/26/26 08:21	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/26/26 08:21	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/26/26 08:21	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/26/26 08:21	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/26/26 08:21	1
2-Butanone	<10		10	ug/L			06/26/26 08:21	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 08:21	1
2-Hexanone	<10		10	ug/L			06/26/26 08:21	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/26/26 08:21	1
Acetone	<10		10	ug/L			06/26/26 08:21	1
Benzene	<0.50		0.50	ug/L			06/26/26 08:21	1
Bromobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
Bromochloromethane	<2.0		2.0	ug/L			06/26/26 08:21	1
Bromodichloromethane	<1.0		1.0	ug/L			06/26/26 08:21	1
Bromoform	<5.0		5.0	ug/L			06/26/26 08:21	1
Bromomethane	<10		10	ug/L			06/26/26 08:21	1
Carbon disulfide	<10		10	ug/L			06/26/26 08:21	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/26/26 08:21	1
Chlorobenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
Chloroethane	<5.0		5.0	ug/L			06/26/26 08:21	1
Chloroform	<1.0		1.0	ug/L			06/26/26 08:21	1
Chloromethane	<10		10	ug/L			06/26/26 08:21	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 08:21	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 08:21	1
Dibromochloromethane	<2.0		2.0	ug/L			06/26/26 08:21	1
Dibromomethane	<1.0		1.0	ug/L			06/26/26 08:21	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/26/26 08:21	1
Diethyl ether	<10		10	ug/L			06/26/26 08:21	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			06/26/26 08:21	1
Ethanol	<100		100	ug/L			06/26/26 08:21	1
Ethylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
Ethylene Dibromide	<1.0		1.0	ug/L			06/26/26 08:21	1

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-760389/6

Matrix: Water

Analysis Batch: 760389

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			06/26/26 08:21	1
Hexachloro-1,3-butadiene	<10		10	ug/L			06/26/26 08:21	1
Hexane	<5.0		5.0	ug/L			06/26/26 08:21	1
Isobutyl alcohol	<75		75	ug/L			06/26/26 08:21	1
Isopropanol	<75		75	ug/L			06/26/26 08:21	1
Isopropylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
m,p-Xylene	<2.0		2.0	ug/L			06/26/26 08:21	1
Methylene Chloride	<10		10	ug/L			06/26/26 08:21	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/26/26 08:21	1
MIBK	<10		10	ug/L			06/26/26 08:21	1
Naphthalene	<10		10	ug/L			06/26/26 08:21	1
n-Butylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
N-Propylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
o-Xylene	<1.0		1.0	ug/L			06/26/26 08:21	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/26/26 08:21	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
Styrene	<1.0		1.0	ug/L			06/26/26 08:21	1
tert-Amyl alcohol	<50		50	ug/L			06/26/26 08:21	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/26/26 08:21	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/26/26 08:21	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/26/26 08:21	1
Tetrachloroethene	<1.0		1.0	ug/L			06/26/26 08:21	1
Toluene	<1.0		1.0	ug/L			06/26/26 08:21	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/26/26 08:21	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/26/26 08:21	1
Trichloroethene	<1.0		1.0	ug/L			06/26/26 08:21	1
Trichlorofluoromethane	<10		10	ug/L			06/26/26 08:21	1
Vinyl acetate	<10		10	ug/L			06/26/26 08:21	1
Vinyl chloride	<0.50		0.50	ug/L			06/26/26 08:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		06/26/26 08:21	1
4-Bromofluorobenzene (Surr)	97		80 - 120		06/26/26 08:21	1
Dibromofluoromethane (Surr)	101		80 - 120		06/26/26 08:21	1
Toluene-d8 (Surr)	100		80 - 120		06/26/26 08:21	1

Lab Sample ID: LCS 570-760389/1003

Matrix: Water

Analysis Batch: 760389

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.1		ug/L		95	83 - 120
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	78 - 123
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.1		ug/L		95	72 - 130
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	82 - 120
1,1-Dichloroethane	20.0	18.7		ug/L		94	79 - 122
1,1-Dichloroethene	20.0	17.9		ug/L		89	74 - 127

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-760389/1003

Matrix: Water

Analysis Batch: 760389

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	18.7		ug/L		93	75 - 124
1,2,3-Trichlorobenzene	20.0	19.5		ug/L		97	71 - 126
1,2,3-Trichloropropane	20.0	19.5		ug/L		98	73 - 121
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		98	70 - 130
1,2,4-Trimethylbenzene	20.0	18.0		ug/L		90	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.8		ug/L		89	64 - 127
1,2-Dichlorobenzene	20.0	18.3		ug/L		91	78 - 122
1,2-Dichloroethane	20.0	18.7		ug/L		93	76 - 123
1,2-Dichloropropane	20.0	18.8		ug/L		94	82 - 120
1,3,5-Trimethylbenzene	20.0	19.0		ug/L		95	79 - 124
1,3-Dichlorobenzene	20.0	18.5		ug/L		93	81 - 120
1,3-Dichloropropane	20.0	19.0		ug/L		95	82 - 120
1,4-Dichlorobenzene	20.0	18.1		ug/L		91	78 - 121
2,2-Dichloropropane	20.0	20.0		ug/L		100	69 - 133
2-Butanone	20.0	18.2		ug/L		91	55 - 142
2-Chlorotoluene	20.0	18.8		ug/L		94	80 - 120
2-Hexanone	20.0	19.6		ug/L		98	54 - 138
4-Chlorotoluene	20.0	17.7		ug/L		88	80 - 121
Acetone	20.0	22.5		ug/L		112	50 - 157
Benzene	20.0	19.1		ug/L		96	80 - 120
Bromobenzene	20.0	19.5		ug/L		98	80 - 120
Bromochloromethane	20.0	20.3		ug/L		102	83 - 123
Bromodichloromethane	20.0	19.3		ug/L		96	83 - 120
Bromoform	20.0	18.2		ug/L		91	75 - 128
Bromomethane	20.0	19.5		ug/L		98	31 - 120
Carbon disulfide	20.0	18.4		ug/L		92	71 - 128
Carbon tetrachloride	20.0	18.0		ug/L		90	72 - 135
Chlorobenzene	20.0	19.0		ug/L		95	84 - 120
Chloroethane	20.0	21.5		ug/L		108	72 - 129
Chloroform	20.0	18.3		ug/L		92	79 - 120
Chloromethane	20.0	13.8		ug/L		69	36 - 148
cis-1,2-Dichloroethene	20.0	17.9		ug/L		89	81 - 120
cis-1,3-Dichloropropene	20.0	19.3		ug/L		97	76 - 125
Dibromochloromethane	20.0	18.9		ug/L		95	82 - 120
Dibromomethane	20.0	19.2		ug/L		96	85 - 120
Dichlorodifluoromethane	20.0	15.5		ug/L		78	52 - 147
Diethyl ether	20.0	19.2		ug/L		96	71 - 127
Di-isopropyl ether (DIPE)	20.0	18.0		ug/L		90	70 - 132
Ethanol	200	189		ug/L		95	48 - 163
Ethylbenzene	20.0	18.4		ug/L		92	81 - 120
Ethylene Dibromide	20.0	19.5		ug/L		97	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	18.2		ug/L		91	68 - 126
Isopropylbenzene	20.0	18.3		ug/L		92	80 - 122
m,p-Xylene	40.0	37.1		ug/L		93	79 - 122
Methylene Chloride	20.0	20.1		ug/L		100	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	18.9		ug/L		95	70 - 124
MIBK	20.0	20.2		ug/L		101	57 - 133
Naphthalene	20.0	18.8		ug/L		94	64 - 124
n-Butylbenzene	20.0	17.9		ug/L		90	78 - 127

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-760389/1003

Matrix: Water

Analysis Batch: 760389

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	20.0	19.3		ug/L		96	80 - 121
o-Xylene	20.0	18.5		ug/L		93	81 - 120
p-Isopropyltoluene	20.0	17.6		ug/L		88	81 - 124
sec-Butylbenzene	20.0	17.8		ug/L		89	80 - 123
Styrene	20.0	19.4		ug/L		97	82 - 120
tert-Amyl alcohol	100	109		ug/L		109	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	18.2		ug/L		91	71 - 121
tert-Butyl alcohol (TBA)	100	93.8		ug/L		94	68 - 128
tert-Butylbenzene	20.0	18.7		ug/L		93	80 - 124
Tetrachloroethene	20.0	18.1		ug/L		91	78 - 126
Toluene	20.0	18.6		ug/L		93	82 - 120
trans-1,2-Dichloroethene	20.0	19.1		ug/L		95	79 - 122
trans-1,3-Dichloropropene	20.0	20.0		ug/L		100	73 - 127
Trichloroethene	20.0	18.2		ug/L		91	83 - 120
Trichlorofluoromethane	20.0	18.3		ug/L		91	74 - 135
Vinyl acetate	20.0	21.8		ug/L		109	56 - 135
Vinyl chloride	20.0	17.2		ug/L		86	68 - 131

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

Lab Sample ID: LCSD 570-760389/4

Matrix: Water

Analysis Batch: 760389

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	18.4		ug/L		92	83 - 120	4	20
1,1,1-Trichloroethane	20.0	17.6		ug/L		88	78 - 123	2	20
1,1,2,2-Tetrachloroethane	20.0	19.3		ug/L		97	74 - 125	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.2		ug/L		91	72 - 130	5	20
1,1,2-Trichloroethane	20.0	19.7		ug/L		99	82 - 120	1	20
1,1-Dichloroethane	20.0	18.9		ug/L		94	79 - 122	1	20
1,1-Dichloroethene	20.0	17.5		ug/L		88	74 - 127	2	20
1,1-Dichloropropene	20.0	17.8		ug/L		89	75 - 124	5	20
1,2,3-Trichlorobenzene	20.0	21.3		ug/L		106	71 - 126	9	20
1,2,3-Trichloropropane	20.0	19.5		ug/L		98	73 - 121	0	20
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	70 - 130	5	20
1,2,4-Trimethylbenzene	20.0	17.8		ug/L		89	80 - 125	1	20
1,2-Dibromo-3-Chloropropane	20.0	18.9		ug/L		94	64 - 127	6	20
1,2-Dichlorobenzene	20.0	18.6		ug/L		93	78 - 122	2	20
1,2-Dichloroethane	20.0	18.8		ug/L		94	76 - 123	1	20
1,2-Dichloropropane	20.0	18.8		ug/L		94	82 - 120	0	20
1,3,5-Trimethylbenzene	20.0	18.6		ug/L		93	79 - 124	2	20
1,3-Dichlorobenzene	20.0	18.2		ug/L		91	81 - 120	2	20
1,3-Dichloropropane	20.0	19.0		ug/L		95	82 - 120	0	20

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-760389/4

Matrix: Water

Analysis Batch: 760389

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	18.3		ug/L		91	78 - 121	1	20
2,2-Dichloropropane	20.0	18.9		ug/L		94	69 - 133	6	20
2-Butanone	20.0	16.7		ug/L		84	55 - 142	9	21
2-Chlorotoluene	20.0	18.4		ug/L		92	80 - 120	2	20
2-Hexanone	20.0	18.8		ug/L		94	54 - 138	4	21
4-Chlorotoluene	20.0	17.7		ug/L		89	80 - 121	0	20
Acetone	20.0	17.5		ug/L		88	50 - 157	25	26
Benzene	20.0	18.5		ug/L		93	80 - 120	3	20
Bromobenzene	20.0	19.4		ug/L		97	80 - 120	1	20
Bromochloromethane	20.0	19.6		ug/L		98	83 - 123	3	20
Bromodichloromethane	20.0	19.1		ug/L		96	83 - 120	1	20
Bromoform	20.0	18.9		ug/L		94	75 - 128	4	20
Bromomethane	20.0	17.6		ug/L		88	31 - 120	10	22
Carbon disulfide	20.0	17.9		ug/L		89	71 - 128	3	20
Carbon tetrachloride	20.0	17.3		ug/L		86	72 - 135	4	20
Chlorobenzene	20.0	18.5		ug/L		93	84 - 120	2	20
Chloroethane	20.0	19.0		ug/L		95	72 - 129	12	20
Chloroform	20.0	18.4		ug/L		92	79 - 120	0	20
Chloromethane	20.0	14.6		ug/L		73	36 - 148	6	20
cis-1,2-Dichloroethene	20.0	17.9		ug/L		90	81 - 120	0	20
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	76 - 125	1	20
Dibromochloromethane	20.0	19.3		ug/L		97	82 - 120	2	20
Dibromomethane	20.0	19.3		ug/L		97	85 - 120	1	20
Dichlorodifluoromethane	20.0	15.3		ug/L		77	52 - 147	2	20
Diethyl ether	20.0	18.9		ug/L		94	71 - 127	2	20
Di-isopropyl ether (DIPE)	20.0	17.8		ug/L		89	70 - 132	1	20
Ethanol	200	170		ug/L		85	48 - 163	11	30
Ethylbenzene	20.0	17.5		ug/L		88	81 - 120	5	20
Ethylene Dibromide	20.0	19.5		ug/L		97	81 - 120	0	20
Ethyl-t-butyl ether (ETBE)	20.0	18.0		ug/L		90	68 - 126	1	20
Isopropylbenzene	20.0	17.8		ug/L		89	80 - 122	3	20
m,p-Xylene	40.0	35.8		ug/L		90	79 - 122	4	20
Methylene Chloride	20.0	20.2		ug/L		101	76 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	20.0	19.0		ug/L		95	70 - 124	0	20
MIBK	20.0	21.4		ug/L		107	57 - 133	6	20
Naphthalene	20.0	20.3		ug/L		101	64 - 124	7	20
n-Butylbenzene	20.0	17.8		ug/L		89	78 - 127	1	20
N-Propylbenzene	20.0	18.3		ug/L		91	80 - 121	5	20
o-Xylene	20.0	17.9		ug/L		90	81 - 120	3	20
p-Isopropyltoluene	20.0	17.7		ug/L		89	81 - 124	0	20
sec-Butylbenzene	20.0	17.5		ug/L		87	80 - 123	2	20
Styrene	20.0	18.6		ug/L		93	82 - 120	4	20
tert-Amyl alcohol	100	111		ug/L		111	30 - 157	2	30
Tert-amyl-methyl ether (TAME)	20.0	18.4		ug/L		92	71 - 121	1	20
tert-Butyl alcohol (TBA)	100	87.4		ug/L		87	68 - 128	7	20
tert-Butylbenzene	20.0	18.1		ug/L		90	80 - 124	3	20
Tetrachloroethene	20.0	17.3		ug/L		86	78 - 126	5	20
Toluene	20.0	18.1		ug/L		90	82 - 120	3	20
trans-1,2-Dichloroethene	20.0	18.6		ug/L		93	79 - 122	2	20

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-760389/4

Matrix: Water

Analysis Batch: 760389

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	20.0	19.3		ug/L		96	73 - 127	3	20
Trichloroethene	20.0	17.3		ug/L		87	83 - 120	5	20
Trichlorofluoromethane	20.0	17.4		ug/L		87	74 - 135	5	20
Vinyl acetate	20.0	21.5		ug/L		108	56 - 135	1	24
Vinyl chloride	20.0	17.1		ug/L		86	68 - 131	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	103		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 570-284912-A-3 MS

Matrix: Water

Analysis Batch: 760389

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	21.2		ug/L		106	56 - 156
1,1,1-Trichloroethane	<1.0		20.0	20.4		ug/L		102	56 - 155
1,1,2,2-Tetrachloroethane	<1.0		20.0	20.9		ug/L		105	52 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	21.1		ug/L		105	45 - 156
1,1,2-Trichloroethane	<1.0		20.0	20.3		ug/L		101	64 - 142
1,1-Dichloroethane	<1.0		20.0	21.1		ug/L		105	58 - 151
1,1-Dichloroethene	<1.0		20.0	21.0		ug/L		105	51 - 160
1,1-Dichloropropene	<1.0		20.0	21.6		ug/L		108	59 - 151
1,2,3-Trichlorobenzene	<1.0		20.0	21.5		ug/L		107	56 - 148
1,2,3-Trichloropropane	<5.0		20.0	20.6		ug/L		103	54 - 145
1,2,4-Trichlorobenzene	<1.0		20.0	21.3		ug/L		107	51 - 149
1,2,4-Trimethylbenzene	<1.0		20.0	20.9		ug/L		104	54 - 149
1,2-Dibromo-3-Chloropropane	<10		20.0	19.9		ug/L		100	43 - 149
1,2-Dichlorobenzene	<1.0		20.0	20.8		ug/L		104	64 - 144
1,2-Dichloroethane	<0.50		20.0	19.3		ug/L		97	63 - 142
1,2-Dichloropropane	<1.0		20.0	20.3		ug/L		101	64 - 144
1,3,5-Trimethylbenzene	<1.0		20.0	21.2		ug/L		106	62 - 147
1,3-Dichlorobenzene	<1.0		20.0	21.2		ug/L		106	63 - 143
1,3-Dichloropropane	<1.0		20.0	20.0		ug/L		100	66 - 140
1,4-Dichlorobenzene	<1.0		20.0	20.8		ug/L		104	62 - 141
2,2-Dichloropropane	<1.0		20.0	20.4		ug/L		102	35 - 151
2-Butanone	<10		20.0	15.9		ug/L		80	44 - 162
2-Chlorotoluene	<1.0		20.0	21.3		ug/L		106	64 - 142
2-Hexanone	<10		20.0	17.9		ug/L		90	40 - 151
4-Chlorotoluene	<1.0		20.0	20.7		ug/L		103	61 - 144
Acetone	<10		20.0	16.9		ug/L		84	34 - 174
Benzene	<0.50		20.0	21.0		ug/L		105	64 - 143
Bromobenzene	<1.0		20.0	20.7		ug/L		103	67 - 144
Bromochloromethane	<2.0		20.0	21.1		ug/L		106	70 - 149
Bromodichloromethane	<1.0		20.0	19.4		ug/L		97	64 - 145
Bromoform	<5.0		20.0	19.9		ug/L		100	43 - 165

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-284912-A-3 MS

Matrix: Water

Analysis Batch: 760389

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	24.7		ug/L		123	25 - 180
Carbon disulfide	<10		20.0	21.0		ug/L		105	50 - 156
Carbon tetrachloride	<0.50		20.0	20.7		ug/L		103	51 - 167
Chlorobenzene	<1.0		20.0	20.8		ug/L		104	67 - 141
Chloroethane	<5.0		20.0	25.8		ug/L		129	46 - 167
Chloroform	<1.0		20.0	19.6		ug/L		98	62 - 143
Chloromethane	<10		20.0	18.2		ug/L		91	33 - 163
cis-1,2-Dichloroethene	<1.0		20.0	19.2		ug/L		96	57 - 152
cis-1,3-Dichloropropene	<0.50		20.0	20.1		ug/L		100	55 - 141
Dibromochloromethane	<2.0		20.0	20.3		ug/L		101	54 - 155
Dibromomethane	<1.0		20.0	19.6		ug/L		98	68 - 143
Dichlorodifluoromethane	<5.0		20.0	22.5		ug/L		112	36 - 159
Diethyl ether	<10		20.0	20.3		ug/L		102	53 - 151
Di-isopropyl ether (DIPE)	<2.0		20.0	19.0		ug/L		95	50 - 157
Ethanol	<100		200	220		ug/L		110	29 - 180
Ethylbenzene	<1.0		20.0	20.9		ug/L		105	62 - 145
Ethylene Dibromide	<1.0		20.0	21.1		ug/L		105	65 - 141
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	18.9		ug/L		95	49 - 144
Isopropylbenzene	<1.0		20.0	21.2		ug/L		106	64 - 146
m,p-Xylene	<2.0		40.0	41.9		ug/L		105	61 - 146
Methylene Chloride	<10		20.0	21.2		ug/L		106	59 - 143
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	19.0		ug/L		95	52 - 145
MIBK	<10		20.0	17.7		ug/L		89	46 - 144
Naphthalene	<10		20.0	19.7		ug/L		99	41 - 148
n-Butylbenzene	<1.0		20.0	21.2		ug/L		106	54 - 150
N-Propylbenzene	<1.0		20.0	21.4		ug/L		107	63 - 146
o-Xylene	<1.0		20.0	20.6		ug/L		103	64 - 144
p-Isopropyltoluene	<1.0		20.0	21.3		ug/L		107	59 - 147
sec-Butylbenzene	<1.0		20.0	21.5		ug/L		108	60 - 147
Styrene	<1.0		20.0	20.6		ug/L		103	44 - 154
tert-Amyl alcohol	<50		100	95.3		ug/L		95	25 - 164
Tert-amyl-methyl ether (TAME)	<2.0		20.0	18.3		ug/L		91	55 - 137
tert-Butyl alcohol (TBA)	<10		100	98.7		ug/L		99	56 - 154
tert-Butylbenzene	<1.0		20.0	22.1		ug/L		110	61 - 149
Tetrachloroethene	<1.0		20.0	21.1		ug/L		106	60 - 151
Toluene	<1.0		20.0	20.1		ug/L		101	64 - 144
trans-1,2-Dichloroethene	<1.0		20.0	21.4		ug/L		107	56 - 156
trans-1,3-Dichloropropene	<0.50		20.0	21.4		ug/L		107	52 - 143
Trichloroethene	<1.0		20.0	19.8		ug/L		99	41 - 169
Trichlorofluoromethane	<10		20.0	21.9		ug/L		109	54 - 161
Vinyl acetate	<10		20.0	23.7		ug/L		118	30 - 155
Vinyl chloride	<0.50		20.0	23.4		ug/L		117	49 - 164

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	98		80 - 120

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-284912-A-3 MSD

Matrix: Water

Analysis Batch: 760389

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	20.9		ug/L		104	56 - 156	2	20
1,1,1-Trichloroethane	<1.0		20.0	20.1		ug/L		101	56 - 155	1	20
1,1,2,2-Tetrachloroethane	<1.0		20.0	20.5		ug/L		102	52 - 151	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	21.9		ug/L		109	45 - 156	4	20
1,1,2-Trichloroethane	<1.0		20.0	20.2		ug/L		101	64 - 142	1	20
1,1-Dichloroethane	<1.0		20.0	20.2		ug/L		101	58 - 151	4	20
1,1-Dichloroethene	<1.0		20.0	20.8		ug/L		104	51 - 160	1	20
1,1-Dichloropropene	<1.0		20.0	21.9		ug/L		109	59 - 151	1	20
1,2,3-Trichlorobenzene	<1.0		20.0	22.3		ug/L		112	56 - 148	4	20
1,2,3-Trichloropropane	<5.0		20.0	20.1		ug/L		100	54 - 145	3	20
1,2,4-Trichlorobenzene	<1.0		20.0	21.6		ug/L		108	51 - 149	1	20
1,2,4-Trimethylbenzene	<1.0		20.0	20.9		ug/L		104	54 - 149	0	20
1,2-Dibromo-3-Chloropropane	<10		20.0	19.8		ug/L		99	43 - 149	1	20
1,2-Dichlorobenzene	<1.0		20.0	20.9		ug/L		105	64 - 144	0	20
1,2-Dichloroethane	<0.50		20.0	18.9		ug/L		94	63 - 142	2	20
1,2-Dichloropropane	<1.0		20.0	20.2		ug/L		101	64 - 144	0	20
1,3,5-Trimethylbenzene	<1.0		20.0	21.4		ug/L		107	62 - 147	1	20
1,3-Dichlorobenzene	<1.0		20.0	21.1		ug/L		106	63 - 143	0	20
1,3-Dichloropropane	<1.0		20.0	19.5		ug/L		97	66 - 140	3	20
1,4-Dichlorobenzene	<1.0		20.0	20.6		ug/L		103	62 - 141	1	20
2,2-Dichloropropane	<1.0		20.0	20.2		ug/L		101	35 - 151	1	20
2-Butanone	<10		20.0	15.1		ug/L		75	44 - 162	6	20
2-Chlorotoluene	<1.0		20.0	21.0		ug/L		105	64 - 142	1	20
2-Hexanone	<10		20.0	18.2		ug/L		91	40 - 151	1	20
4-Chlorotoluene	<1.0		20.0	20.4		ug/L		102	61 - 144	1	20
Acetone	<10		20.0	16.8		ug/L		84	34 - 174	0	20
Benzene	<0.50		20.0	21.0		ug/L		105	64 - 143	0	20
Bromobenzene	<1.0		20.0	20.7		ug/L		103	67 - 144	0	20
Bromochloromethane	<2.0		20.0	20.0		ug/L		100	70 - 149	5	20
Bromodichloromethane	<1.0		20.0	19.7		ug/L		99	64 - 145	2	20
Bromoform	<5.0		20.0	19.9		ug/L		99	43 - 165	0	20
Bromomethane	<10		20.0	22.4		ug/L		112	25 - 180	10	23
Carbon disulfide	<10		20.0	20.7		ug/L		103	50 - 156	2	20
Carbon tetrachloride	<0.50		20.0	20.5		ug/L		103	51 - 167	1	20
Chlorobenzene	<1.0		20.0	20.7		ug/L		104	67 - 141	1	20
Chloroethane	<5.0		20.0	26.1		ug/L		131	46 - 167	1	20
Chloroform	<1.0		20.0	19.0		ug/L		95	62 - 143	3	20
Chloromethane	<10		20.0	18.6		ug/L		93	33 - 163	2	20
cis-1,2-Dichloroethene	<1.0		20.0	18.7		ug/L		93	57 - 152	3	20
cis-1,3-Dichloropropene	<0.50		20.0	19.9		ug/L		100	55 - 141	1	20
Dibromochloromethane	<2.0		20.0	20.2		ug/L		101	54 - 155	1	20
Dibromomethane	<1.0		20.0	18.7		ug/L		93	68 - 143	5	20
Dichlorodifluoromethane	<5.0		20.0	23.5		ug/L		118	36 - 159	5	20
Diethyl ether	<10		20.0	19.8		ug/L		99	53 - 151	3	20
Di-isopropyl ether (DIPE)	<2.0		20.0	18.4		ug/L		92	50 - 157	3	20
Ethanol	<100		200	223		ug/L		111	29 - 180	1	40
Ethylbenzene	<1.0		20.0	21.0		ug/L		105	62 - 145	1	20
Ethylene Dibromide	<1.0		20.0	20.7		ug/L		103	65 - 141	2	20

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-284912-A-3 MSD

Matrix: Water

Analysis Batch: 760389

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	18.4		ug/L		92	49 - 144	3	20
Isopropylbenzene	<1.0		20.0	20.8		ug/L		104	64 - 146	2	20
m,p-Xylene	<2.0		40.0	42.2		ug/L		105	61 - 146	1	20
Methylene Chloride	<10		20.0	20.2		ug/L		101	59 - 143	5	20
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	18.6		ug/L		93	52 - 145	2	20
MIBK	<10		20.0	17.6		ug/L		88	46 - 144	1	20
Naphthalene	<10		20.0	20.0		ug/L		100	41 - 148	2	20
n-Butylbenzene	<1.0		20.0	21.7		ug/L		108	54 - 150	2	20
N-Propylbenzene	<1.0		20.0	21.7		ug/L		108	63 - 146	1	20
o-Xylene	<1.0		20.0	20.5		ug/L		103	64 - 144	0	20
p-Isopropyltoluene	<1.0		20.0	20.8		ug/L		104	59 - 147	2	20
sec-Butylbenzene	<1.0		20.0	21.3		ug/L		106	60 - 147	1	20
Styrene	<1.0		20.0	20.6		ug/L		103	44 - 154	0	20
tert-Amyl alcohol	<50		100	90.9		ug/L		91	25 - 164	5	20
Tert-amyl-methyl ether (TAME)	<2.0		20.0	18.3		ug/L		92	55 - 137	0	20
tert-Butyl alcohol (TBA)	<10		100	102		ug/L		102	56 - 154	4	20
tert-Butylbenzene	<1.0		20.0	22.3		ug/L		112	61 - 149	1	20
Tetrachloroethene	<1.0		20.0	21.2		ug/L		106	60 - 151	1	20
Toluene	<1.0		20.0	19.9		ug/L		99	64 - 144	1	20
trans-1,2-Dichloroethene	<1.0		20.0	20.6		ug/L		103	56 - 156	4	20
trans-1,3-Dichloropropene	<0.50		20.0	20.6		ug/L		103	52 - 143	4	20
Trichloroethene	<1.0		20.0	19.6		ug/L		98	41 - 169	1	20
Trichlorofluoromethane	<10		20.0	22.7		ug/L		114	54 - 161	4	20
Vinyl acetate	<10		20.0	24.1		ug/L		121	30 - 155	2	20
Vinyl chloride	<0.50		20.0	22.7		ug/L		113	49 - 164	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		80 - 120
4-Bromofluorobenzene (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	98		80 - 120

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

Lab Sample ID: MB 570-757352/1-A

Matrix: Water

Analysis Batch: 761817

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 757352

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	06/20/26 10:43	06/29/26 13:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		33 - 139				06/20/26 10:43	06/29/26 13:32	1
2-Fluorobiphenyl (Surr)	84		33 - 126				06/20/26 10:43	06/29/26 13:32	1
2-Fluorophenol (Surr)	48		12 - 120				06/20/26 10:43	06/29/26 13:32	1
Nitrobenzene-d5 (Surr)	86		36 - 120				06/20/26 10:43	06/29/26 13:32	1
Phenol-d6 (Surr)	32		10 - 120				06/20/26 10:43	06/29/26 13:32	1
p-Terphenyl-d14 (Surr)	87		47 - 131				06/20/26 10:43	06/29/26 13:32	1

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-757352/1-A

Matrix: Water

Analysis Batch: 759081

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 757352

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
2-Methylnaphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Acenaphthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Acenaphthylene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[a]anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[a]pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Chrysene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Fluorene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Naphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Phenanthrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		28 - 127	06/20/26 10:43	06/24/26 07:45	1
2-Fluorobiphenyl (Surr)	93		31 - 120	06/20/26 10:43	06/24/26 07:45	1
2-Fluorophenol (Surr)	70		17 - 120	06/20/26 10:43	06/24/26 07:45	1
Nitrobenzene-d5 (Surr)	90		27 - 120	06/20/26 10:43	06/24/26 07:45	1
Phenol-d6 (Surr)	43		10 - 120	06/20/26 10:43	06/24/26 07:45	1
p-Terphenyl-d14 (Surr)	90		45 - 120	06/20/26 10:43	06/24/26 07:45	1

Lab Sample ID: LCS 570-757352/2-A

Matrix: Water

Analysis Batch: 759081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 757352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	16.8		ug/L		84	47 - 120
2-Methylnaphthalene	20.0	15.8		ug/L		79	43 - 120
Acenaphthene	20.0	16.6		ug/L		83	60 - 132
Acenaphthylene	20.0	16.5		ug/L		83	54 - 126
Anthracene	20.0	16.2		ug/L		81	43 - 120
Benzo[a]anthracene	20.0	17.3		ug/L		86	42 - 133
Benzo[a]pyrene	20.0	18.2		ug/L		91	32 - 148
Benzo[b]fluoranthene	20.0	17.6		ug/L		88	42 - 140
Benzo[g,h,i]perylene	20.0	17.5		ug/L		87	1 - 195
Benzo[k]fluoranthene	20.0	16.8		ug/L		84	25 - 146
Chrysene	20.0	17.4		ug/L		87	44 - 140
Dibenz(a,h)anthracene	20.0	18.0		ug/L		90	1 - 200
Fluoranthene	20.0	17.1		ug/L		85	43 - 121
Fluorene	20.0	17.5		ug/L		87	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.7		ug/L		88	1 - 151
Naphthalene	20.0	16.6		ug/L		83	36 - 120

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QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-757352/2-A

Matrix: Water

Analysis Batch: 759081

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 757352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	20.0	17.1		ug/L		86	65 - 120
Pyrene	20.0	17.3		ug/L		87	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	82		28 - 127
2-Fluorobiphenyl (Surr)	82		31 - 120
2-Fluorophenol (Surr)	73		17 - 120
Nitrobenzene-d5 (Surr)	77		27 - 120
Phenol-d6 (Surr)	47		10 - 120
p-Terphenyl-d14 (Surr)	88		45 - 120

Lab Sample ID: LCSD 570-757352/3-A

Matrix: Water

Analysis Batch: 759081

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 757352

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	16.5		ug/L		83	47 - 120	2	20
2-Methylnaphthalene	20.0	15.1		ug/L		76	43 - 120	4	20
Acenaphthene	20.0	16.3		ug/L		82	60 - 132	2	29
Acenaphthylene	20.0	15.8		ug/L		79	54 - 126	5	45
Anthracene	20.0	16.7		ug/L		83	43 - 120	3	40
Benzo[a]anthracene	20.0	17.6		ug/L		88	42 - 133	2	32
Benzo[a]pyrene	20.0	18.5		ug/L		92	32 - 148	2	43
Benzo[b]fluoranthene	20.0	17.8		ug/L		89	42 - 140	1	43
Benzo[g,h,i]perylene	20.0	17.7		ug/L		88	1 - 195	1	61
Benzo[k]fluoranthene	20.0	17.8		ug/L		89	25 - 146	6	38
Chrysene	20.0	17.6		ug/L		88	44 - 140	1	53
Dibenz(a,h)anthracene	20.0	18.1		ug/L		91	1 - 200	1	75
Fluoranthene	20.0	17.6		ug/L		88	43 - 121	3	40
Fluorene	20.0	17.1		ug/L		85	70 - 120	2	23
Indeno[1,2,3-cd]pyrene	20.0	17.8		ug/L		89	1 - 151	1	60
Naphthalene	20.0	16.1		ug/L		81	36 - 120	3	39
Phenanthrene	20.0	17.5		ug/L		88	65 - 120	2	24
Pyrene	20.0	17.7		ug/L		89	70 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	83		28 - 127
2-Fluorobiphenyl (Surr)	78		31 - 120
2-Fluorophenol (Surr)	71		17 - 120
Nitrobenzene-d5 (Surr)	74		27 - 120
Phenol-d6 (Surr)	45		10 - 120
p-Terphenyl-d14 (Surr)	88		45 - 120

QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-761708/6

Matrix: Water

Analysis Batch: 761708

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			06/29/26 12:27	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		38 - 134				06/29/26 12:27	1

Lab Sample ID: LCS 570-761708/3

Matrix: Water

Analysis Batch: 761708

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	398		ug/L		99	78 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	106		38 - 134				

Lab Sample ID: LCSD 570-761708/4

Matrix: Water

Analysis Batch: 761708

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	389		ug/L		97	78 - 120	2	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	105		38 - 134						

Lab Sample ID: MRL 570-761708/5

Matrix: Water

Analysis Batch: 761708

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	14.1		ug/L		141	50 - 150
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
4-Bromofluorobenzene (Surr)	103		38 - 134				

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

Lab Sample ID: MB 570-756769/1-A

Matrix: Water

Analysis Batch: 756776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 756769

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1
C8-C18	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-756769/1-A

Matrix: Water

Analysis Batch: 756776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 756769

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
n-Octacosane (Surr)	105		60 - 130	06/19/26 07:23	06/19/26 16:03	1				

Lab Sample ID: LCS 570-756769/2-A

Matrix: Water

Analysis Batch: 756776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 756769

			Spike	LCS	LCS				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28			1600	1740		ug/L		108	56 - 127	
Surrogate	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	112		60 - 130							

Lab Sample ID: LCSD 570-756769/3-A

Matrix: Water

Analysis Batch: 756776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 756769

			Spike	LCSD	LCSD				%Rec	RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
C10-C28			1600	1580		ug/L		99	56 - 127	23
Surrogate	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	103		60 - 130							

Lab Sample ID: MRL 570-756769/4-A

Matrix: Water

Analysis Batch: 756776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 756769

			Spike	MRL	MRL				%Rec	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28			0.0200	0.0204	J	mg/L		102	50 - 150	
Surrogate	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	99		60 - 130							

Lab Sample ID: 380-220165-1 MS

Matrix: Water

Analysis Batch: 756776

Client Sample ID: BWS2253-H1-AQ

Prep Type: Total/NA

Prep Batch: 756769

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
C10-C28	<25		1630	1570		ug/L		96	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
n-Octacosane (Surr)	105		60 - 130							

QC Sample Results

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-220165-1 MSD

Matrix: Water

Analysis Batch: 756776

Client Sample ID: BWS2253-H1-AQ

Prep Type: Total/NA

Prep Batch: 756769

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25		1630	1490		ug/L		91	70 - 130	5	20
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
n-Octacosane (Surr)	96		60 - 130								

QC Association Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 760389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	8260B	
380-220165-2	BWS2253-H1-TB	Total/NA	Water	8260B	
MB 570-760389/6	Method Blank	Total/NA	Water	8260B	
LCS 570-760389/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-760389/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-284912-A-3 MS	Matrix Spike	Total/NA	Water	8260B	
570-284912-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 757352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	625.1	
MB 570-757352/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-757352/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-757352/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 759081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	625.1 SIM	757352
MB 570-757352/1-A	Method Blank	Total/NA	Water	625.1 SIM	757352
LCS 570-757352/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	757352
LCSD 570-757352/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	757352

Analysis Batch: 761817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	625.1	757352
MB 570-757352/1-A	Method Blank	Total/NA	Water	625.1	757352

GC VOA

Analysis Batch: 761708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
380-220165-2	BWS2253-H1-TB	Total/NA	Water	8015B GRO LL	
MB 570-761708/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-761708/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-761708/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-761708/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 756769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	3510C	
MB 570-756769/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-756769/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-756769/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-756769/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-220165-1 MS	BWS2253-H1-AQ	Total/NA	Water	3510C	
380-220165-1 MSD	BWS2253-H1-AQ	Total/NA	Water	3510C	

Eurofins Pomona

QC Association Summary

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA

Analysis Batch: 756776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220165-1	BWS2253-H1-AQ	Total/NA	Water	8015B	756769
MB 570-756769/1-A	Method Blank	Total/NA	Water	8015B	756769
LCS 570-756769/2-A	Lab Control Sample	Total/NA	Water	8015B	756769
LCSD 570-756769/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	756769
MRL 570-756769/4-A	Lab Control Sample	Total/NA	Water	8015B	756769
380-220165-1 MS	BWS2253-H1-AQ	Total/NA	Water	8015B	756769
380-220165-1 MSD	BWS2253-H1-AQ	Total/NA	Water	8015B	756769

Lab Chronicle

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

Job ID: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-220165-1

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	760389	U1MC	EET CAL 4	06/26/26 16:34
Total/NA	Prep	625.1			757352	TIZL	EET CAL 4	06/20/26 10:43
Total/NA	Analysis	625.1		1	761817	PQS1	EET CAL 4	06/29/26 14:57
Total/NA	Prep	625.1			757352	TIZL	EET CAL 4	06/20/26 10:43
Total/NA	Analysis	625.1 SIM		1	759081	PQS1	EET CAL 4	06/24/26 10:20
Total/NA	Analysis	8015B GRO LL		1	761708	YD9V	EET CAL 4	06/29/26 16:07
Total/NA	Prep	3510C			756769	EP2G	EET CAL 4	06/19/26 07:23
Total/NA	Analysis	8015B		1	756776	H6FE	EET CAL 4	06/19/26 21:04

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-220165-2

Date Collected: 06/16/26 11:20

Matrix: Water

Date Received: 06/17/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	760389	U1MC	EET CAL 4	06/26/26 13:36
Total/NA	Analysis	8015B GRO LL		1	761708	YD9V	EET CAL 4	06/29/26 20:09

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: 380-220165-1
SDG: Site H1 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	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-220165-1
SDG: Site H1 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: 380-220165-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-220165-1	BWS2253-H1-AQ	Water	06/16/26 11:20	06/17/26 10:00	Hawaii
380-220165-2	BWS2253-H1-TB	Water	06/16/26 11:20	06/17/26 10:00	Hawaii

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Chain of Custody Record

[illegible]

Ver: 03/20/2026
6/30/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-220165-1

SDG Number: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 220165

List Source: Eurofins Pomona

List Number: 1

Creator: Segura, Ryan

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).	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-220165-1

SDG Number: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 220165

List Source: Eurofins Calscience

List Number: 2

List Creation: 06/17/26 07:11 PM

Creator: Khana, Piyush

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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	2.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	