

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site D2 625.1, 8015B_DRO/_DRO, 8260B

JOB NUMBER

380-211830-1

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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Table of Contents

Cover Page 1

Table of Contents 3

Definitions/Glossary 4

Case Narrative 5

Detection Summary 7

Client Sample Results 8

Action Limit Summary 13

Surrogate Summary 15

QC Sample Results 17

QC Association Summary 28

Lab Chronicle 30

Certification Summary 31

Method Summary 32

Sample Summary 33

Chain of Custody 34

Receipt Checklists 36



Definitions/Glossary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD 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: 380-211830-1

Job ID: 380-211830-1

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Job Narrative 380-211830-1

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 5/5/2026 10:20 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 5.6°C.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) for analytical batch 570-736677 recovered outside control limits for the following analytes: 1,2-Dichlorobenzene, 2-Hexanone, Di-isopropyl ether, 1,2,3-Trichlorobenzene, 4-Chlorotoluene, 1,2-Dichloroethane, 1,2-Dibromo-3-Chloropropane and Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-736677 recovered above the upper control limit for Isopropanol, 2-Hexanone, Di-isopropyl ether and Isobutyl alcohol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: BWS2254-D2-AQ (380-211830-1), BWS2254-D2-TB (380-211830-2) and (CCVIS 570-736677/3).

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-736677. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 570-736677 recovered outside control limits for the following analytes: Di-isopropyl ether. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

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

GC/MS Semi VOA

Method 625.1: 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 570-734827.

Method: 625.1_SIM

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 570-734827.

Method: 625.1_SIM

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.

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Case Narrative

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

Job ID: 380-211830-1

Job ID: 380-211830-1 (Continued)

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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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- 2
- 3
- 4
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- 6
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- 9
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- 11
- 12
- 13
- 14
- 15
- 16

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Detection Summary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

☐ No Detections.

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-211830-2

☐ 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: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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			05/10/26 16:47	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			05/10/26 16:47	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,1-Dichloroethane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,1-Dichloroethene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,1-Dichloropropene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,2,3-Trichlorobenzene	<1.0	*+	1.0	ug/L			05/10/26 16:47	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			05/10/26 16:47	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,2-Dibromo-3-Chloropropane	<10	*+	10	ug/L			05/10/26 16:47	1
1,2-Dichlorobenzene	<1.0	*+	1.0	ug/L			05/10/26 16:47	1
1,2-Dichloroethane	<0.50	*+	0.50	ug/L			05/10/26 16:47	1
1,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
1,3-Dichloropropane	<1.0		1.0	ug/L			05/10/26 16:47	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
2,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 16:47	1
2-Butanone	<10		10	ug/L			05/10/26 16:47	1
2-Chlorotoluene	<1.0		1.0	ug/L			05/10/26 16:47	1
2-Hexanone	<10	*+	10	ug/L			05/10/26 16:47	1
4-Chlorotoluene	<1.0	*+	1.0	ug/L			05/10/26 16:47	1
Acetone	<10		10	ug/L			05/10/26 16:47	1
Benzene	<0.50		0.50	ug/L			05/10/26 16:47	1
Bromobenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
Bromochloromethane	<2.0		2.0	ug/L			05/10/26 16:47	1
Bromodichloromethane	<1.0		1.0	ug/L			05/10/26 16:47	1
Bromoform	<5.0		5.0	ug/L			05/10/26 16:47	1
Bromomethane	<10	*+	10	ug/L			05/10/26 16:47	1
Carbon disulfide	<10		10	ug/L			05/10/26 16:47	1
Carbon tetrachloride	<0.50		0.50	ug/L			05/10/26 16:47	1
Chlorobenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
Chloroethane	<5.0		5.0	ug/L			05/10/26 16:47	1
Chloroform	<1.0		1.0	ug/L			05/10/26 16:47	1
Chloromethane	<10		10	ug/L			05/10/26 16:47	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 16:47	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 16:47	1
Dibromochloromethane	<2.0		2.0	ug/L			05/10/26 16:47	1
Dibromomethane	<1.0		1.0	ug/L			05/10/26 16:47	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			05/10/26 16:47	1
Diethyl ether	<10		10	ug/L			05/10/26 16:47	1
Di-isopropyl ether (DIPE)	<2.0	*+	2.0	ug/L			05/10/26 16:47	1
Ethanol	<100		100	ug/L			05/10/26 16:47	1
Ethylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
Ethylene Dibromide	<1.0		1.0	ug/L			05/10/26 16:47	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			05/10/26 16:47	1

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Client Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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			05/10/26 16:47	1
Hexane	<5.0		5.0	ug/L			05/10/26 16:47	1
Isobutyl alcohol	<75		75	ug/L			05/10/26 16:47	1
Isopropanol	<75		75	ug/L			05/10/26 16:47	1
Isopropylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
m,p-Xylene	<2.0		2.0	ug/L			05/10/26 16:47	1
Methylene Chloride	<10		10	ug/L			05/10/26 16:47	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			05/10/26 16:47	1
MIBK	<10		10	ug/L			05/10/26 16:47	1
Naphthalene	<10		10	ug/L			05/10/26 16:47	1
n-Butylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
N-Propylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
o-Xylene	<1.0		1.0	ug/L			05/10/26 16:47	1
p-Isopropyltoluene	<1.0		1.0	ug/L			05/10/26 16:47	1
sec-Butylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
Styrene	<1.0		1.0	ug/L			05/10/26 16:47	1
tert-Amyl alcohol	<50		50	ug/L			05/10/26 16:47	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			05/10/26 16:47	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			05/10/26 16:47	1
tert-Butylbenzene	<1.0		1.0	ug/L			05/10/26 16:47	1
Tetrachloroethene	<1.0		1.0	ug/L			05/10/26 16:47	1
Toluene	<1.0		1.0	ug/L			05/10/26 16:47	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 16:47	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 16:47	1
Trichloroethene	<1.0		1.0	ug/L			05/10/26 16:47	1
Trichlorofluoromethane	<10		10	ug/L			05/10/26 16:47	1
Vinyl acetate	<10		10	ug/L			05/10/26 16:47	1
Vinyl chloride	<0.50		0.50	ug/L			05/10/26 16:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		05/10/26 16:47	1
4-Bromofluorobenzene (Surr)	106		80 - 120		05/10/26 16:47	1
Dibromofluoromethane (Surr)	101		80 - 120		05/10/26 16:47	1
Toluene-d8 (Surr)	98		80 - 120		05/10/26 16:47	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		05/07/26 06:16	05/08/26 21:34	1
2-Methylnaphthalene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Acenaphthene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Acenaphthylene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Anthracene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Benzo[a]anthracene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Benzo[a]pyrene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Chrysene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Fluoranthene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1

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Client Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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		05/07/26 06:16	05/08/26 21:34	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Naphthalene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Phenanthrene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1
Pyrene	<0.19		0.19	ug/L		05/07/26 06:16	05/08/26 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	95		28 - 127	05/07/26 06:16	05/08/26 21:34	1
2-Fluorobiphenyl (Surr)	86		31 - 120	05/07/26 06:16	05/08/26 21:34	1
2-Fluorophenol (Surr)	57		17 - 120	05/07/26 06:16	05/08/26 21:34	1
Nitrobenzene-d5 (Surr)	97		27 - 120	05/07/26 06:16	05/08/26 21:34	1
Phenol-d6 (Surr)	41		10 - 120	05/07/26 06:16	05/08/26 21:34	1
p-Terphenyl-d14 (Surr)	82		45 - 120	05/07/26 06:16	05/08/26 21:34	1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	05/07/26 06:16	05/11/26 09:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	46		33 - 139	05/07/26 06:16	05/11/26 09:21	1
2-Fluorobiphenyl (Surr)	86		33 - 126	05/07/26 06:16	05/11/26 09:21	1
2-Fluorophenol (Surr)	47		12 - 120	05/07/26 06:16	05/11/26 09:21	1
Nitrobenzene-d5 (Surr)	86		36 - 120	05/07/26 06:16	05/11/26 09:21	1
Phenol-d6 (Surr)	30		10 - 120	05/07/26 06:16	05/11/26 09:21	1
p-Terphenyl-d14 (Surr)	82		47 - 131	05/07/26 06:16	05/11/26 09:21	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			05/09/26 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		38 - 134		05/09/26 00:33	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)	<27		27	ug/L		05/07/26 11:12	05/10/26 20:22	1
Motor Oil Range Organics [C24-C36]	<27		27	ug/L		05/07/26 11:12	05/10/26 20:22	1
C8-C18	<27		27	ug/L		05/07/26 11:12	05/10/26 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	126		60 - 130	05/07/26 11:12	05/10/26 20:22	1

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-211830-2

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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			05/10/26 15:43	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			05/10/26 15:43	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			05/10/26 15:43	1

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Client Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-211830-2

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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			05/10/26 15:43	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			05/10/26 15:43	1
1,1-Dichloroethane	<1.0		1.0	ug/L			05/10/26 15:43	1
1,1-Dichloroethene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,1-Dichloropropene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,2,3-Trichlorobenzene	<1.0	*+	1.0	ug/L			05/10/26 15:43	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			05/10/26 15:43	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,2-Dibromo-3-Chloropropane	<10	*+	10	ug/L			05/10/26 15:43	1
1,2-Dichlorobenzene	<1.0	*+	1.0	ug/L			05/10/26 15:43	1
1,2-Dichloroethane	<0.50	*+	0.50	ug/L			05/10/26 15:43	1
1,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 15:43	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
1,3-Dichloropropane	<1.0		1.0	ug/L			05/10/26 15:43	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
2,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 15:43	1
2-Butanone	<10		10	ug/L			05/10/26 15:43	1
2-Chlorotoluene	<1.0		1.0	ug/L			05/10/26 15:43	1
2-Hexanone	<10	*+	10	ug/L			05/10/26 15:43	1
4-Chlorotoluene	<1.0	*+	1.0	ug/L			05/10/26 15:43	1
Acetone	<10		10	ug/L			05/10/26 15:43	1
Benzene	<0.50		0.50	ug/L			05/10/26 15:43	1
Bromobenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
Bromochloromethane	<2.0		2.0	ug/L			05/10/26 15:43	1
Bromodichloromethane	<1.0		1.0	ug/L			05/10/26 15:43	1
Bromoform	<5.0		5.0	ug/L			05/10/26 15:43	1
Bromomethane	<10	*+	10	ug/L			05/10/26 15:43	1
Carbon disulfide	<10		10	ug/L			05/10/26 15:43	1
Carbon tetrachloride	<0.50		0.50	ug/L			05/10/26 15:43	1
Chlorobenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
Chloroethane	<5.0		5.0	ug/L			05/10/26 15:43	1
Chloroform	<1.0		1.0	ug/L			05/10/26 15:43	1
Chloromethane	<10		10	ug/L			05/10/26 15:43	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 15:43	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 15:43	1
Dibromochloromethane	<2.0		2.0	ug/L			05/10/26 15:43	1
Dibromomethane	<1.0		1.0	ug/L			05/10/26 15:43	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			05/10/26 15:43	1
Diethyl ether	<10		10	ug/L			05/10/26 15:43	1
Di-isopropyl ether (DIPE)	<2.0	*+	2.0	ug/L			05/10/26 15:43	1
Ethanol	<100		100	ug/L			05/10/26 15:43	1
Ethylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
Ethylene Dibromide	<1.0		1.0	ug/L			05/10/26 15:43	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			05/10/26 15:43	1
Hexachloro-1,3-butadiene	<10		10	ug/L			05/10/26 15:43	1
Hexane	<5.0		5.0	ug/L			05/10/26 15:43	1
Isobutyl alcohol	<75		75	ug/L			05/10/26 15:43	1

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Client Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-211830-2

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			05/10/26 15:43	1
Isopropylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
m,p-Xylene	<2.0		2.0	ug/L			05/10/26 15:43	1
Methylene Chloride	<10		10	ug/L			05/10/26 15:43	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			05/10/26 15:43	1
MIBK	<10		10	ug/L			05/10/26 15:43	1
Naphthalene	<10		10	ug/L			05/10/26 15:43	1
n-Butylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
N-Propylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
o-Xylene	<1.0		1.0	ug/L			05/10/26 15:43	1
p-Isopropyltoluene	<1.0		1.0	ug/L			05/10/26 15:43	1
sec-Butylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
Styrene	<1.0		1.0	ug/L			05/10/26 15:43	1
tert-Amyl alcohol	<50		50	ug/L			05/10/26 15:43	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			05/10/26 15:43	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			05/10/26 15:43	1
tert-Butylbenzene	<1.0		1.0	ug/L			05/10/26 15:43	1
Tetrachloroethene	<1.0		1.0	ug/L			05/10/26 15:43	1
Toluene	<1.0		1.0	ug/L			05/10/26 15:43	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 15:43	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 15:43	1
Trichloroethene	<1.0		1.0	ug/L			05/10/26 15:43	1
Trichlorofluoromethane	<10		10	ug/L			05/10/26 15:43	1
Vinyl acetate	<10		10	ug/L			05/10/26 15:43	1
Vinyl chloride	<0.50		0.50	ug/L			05/10/26 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		05/10/26 15:43	1
4-Bromofluorobenzene (Surr)	104		80 - 120		05/10/26 15:43	1
Dibromofluoromethane (Surr)	102		80 - 120		05/10/26 15:43	1
Toluene-d8 (Surr)	98		80 - 120		05/10/26 15:43	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			05/09/26 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		38 - 134		05/09/26 00:10	1

Action Limit Summary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

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-D2-TB

Lab Sample ID: 380-211830-2

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: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-TB (Continued)

Lab Sample ID: 380-211830-2

Compliance Check

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

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

Surrogate Summary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 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)
380-211830-1	BWS2254-D2-AQ	114	106	101	98
380-211830-2	BWS2254-D2-TB	114	104	102	98
LCS 570-736677/1003	Lab Control Sample	116	105	100	99
LCSD 570-736677/4	Lab Control Sample Dup	110	106	99	100
MB 570-736677/6	Method Blank	114	107	102	98

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)
380-211830-1	BWS2254-D2-AQ	46	86	47	86	30	82
MB 570-734827/1-A	Method Blank	44	75	50	79	31	71

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)
380-211830-1	BWS2254-D2-AQ	95	86	57	97	41	82
LCS 570-734827/2-A	Lab Control Sample	76	78	58	68	38	82
LCSD 570-734827/3-A	Lab Control Sample Dup	70	71	53	62	36	77
MB 570-734827/1-A	Method Blank	86	77	55	85	35	76

Surrogate Legend

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

Surrogate Summary

Client: City & County of Honolulu

Job ID: 380-211830-1

Project/Site: INTERA - Red-Hill-Incident

SDG: Site D2 625.1, 8015B_DRO/_DRO, 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)
380-210938-C-1 MS	Matrix Spike	97
380-210938-C-1 MSD	Matrix Spike Duplicate	99
380-211830-1	BWS2254-D2-AQ	95
380-211830-2	BWS2254-D2-TB	97
LCS 570-736059/1010	Lab Control Sample	98
LCSD 570-736059/11	Lab Control Sample Dup	94
MB 570-736059/12	Method Blank	100
MRL 570-736059/1005	Lab Control Sample	97

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)
380-211830-1	BWS2254-D2-AQ	126
380-211830-1 MS	BWS2254-D2-AQ	117
380-211830-1 MSD	BWS2254-D2-AQ	125
LCS 570-735039/2-A	Lab Control Sample	102
LCSD 570-735039/3-A	Lab Control Sample Dup	101
MB 570-735039/1-A	Method Blank	94
MRL 570-735039/4-A	Lab Control Sample	111

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: MB 570-736677/6

Matrix: Water

Analysis Batch: 736677

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			05/10/26 13:33	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			05/10/26 13:33	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,1-Dichloroethane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,1-Dichloroethene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,1-Dichloropropene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			05/10/26 13:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			05/10/26 13:33	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,2-Dichloroethane	<0.50		0.50	ug/L			05/10/26 13:33	1
1,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
1,3-Dichloropropane	<1.0		1.0	ug/L			05/10/26 13:33	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
2,2-Dichloropropane	<1.0		1.0	ug/L			05/10/26 13:33	1
2-Butanone	<10		10	ug/L			05/10/26 13:33	1
2-Chlorotoluene	<1.0		1.0	ug/L			05/10/26 13:33	1
2-Hexanone	<10		10	ug/L			05/10/26 13:33	1
4-Chlorotoluene	<1.0		1.0	ug/L			05/10/26 13:33	1
Acetone	<10		10	ug/L			05/10/26 13:33	1
Benzene	<0.50		0.50	ug/L			05/10/26 13:33	1
Bromobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
Bromochloromethane	<2.0		2.0	ug/L			05/10/26 13:33	1
Bromodichloromethane	<1.0		1.0	ug/L			05/10/26 13:33	1
Bromoform	<5.0		5.0	ug/L			05/10/26 13:33	1
Bromomethane	<10		10	ug/L			05/10/26 13:33	1
Carbon disulfide	<10		10	ug/L			05/10/26 13:33	1
Carbon tetrachloride	<0.50		0.50	ug/L			05/10/26 13:33	1
Chlorobenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
Chloroethane	<5.0		5.0	ug/L			05/10/26 13:33	1
Chloroform	<1.0		1.0	ug/L			05/10/26 13:33	1
Chloromethane	<10		10	ug/L			05/10/26 13:33	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 13:33	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 13:33	1
Dibromochloromethane	<2.0		2.0	ug/L			05/10/26 13:33	1
Dibromomethane	<1.0		1.0	ug/L			05/10/26 13:33	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			05/10/26 13:33	1
Diethyl ether	<10		10	ug/L			05/10/26 13:33	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			05/10/26 13:33	1
Ethanol	<100		100	ug/L			05/10/26 13:33	1
Ethylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
Ethylene Dibromide	<1.0		1.0	ug/L			05/10/26 13:33	1

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: MB 570-736677/6

Matrix: Water

Analysis Batch: 736677

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			05/10/26 13:33	1
Hexachloro-1,3-butadiene	<10		10	ug/L			05/10/26 13:33	1
Hexane	<5.0		5.0	ug/L			05/10/26 13:33	1
Isobutyl alcohol	<75		75	ug/L			05/10/26 13:33	1
Isopropanol	<75		75	ug/L			05/10/26 13:33	1
Isopropylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
m,p-Xylene	<2.0		2.0	ug/L			05/10/26 13:33	1
Methylene Chloride	<10		10	ug/L			05/10/26 13:33	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			05/10/26 13:33	1
MIBK	<10		10	ug/L			05/10/26 13:33	1
Naphthalene	<10		10	ug/L			05/10/26 13:33	1
n-Butylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
N-Propylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
o-Xylene	<1.0		1.0	ug/L			05/10/26 13:33	1
p-Isopropyltoluene	<1.0		1.0	ug/L			05/10/26 13:33	1
sec-Butylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
Styrene	<1.0		1.0	ug/L			05/10/26 13:33	1
tert-Amyl alcohol	<50		50	ug/L			05/10/26 13:33	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			05/10/26 13:33	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			05/10/26 13:33	1
tert-Butylbenzene	<1.0		1.0	ug/L			05/10/26 13:33	1
Tetrachloroethene	<1.0		1.0	ug/L			05/10/26 13:33	1
Toluene	<1.0		1.0	ug/L			05/10/26 13:33	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			05/10/26 13:33	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			05/10/26 13:33	1
Trichloroethene	<1.0		1.0	ug/L			05/10/26 13:33	1
Trichlorofluoromethane	<10		10	ug/L			05/10/26 13:33	1
Vinyl acetate	<10		10	ug/L			05/10/26 13:33	1
Vinyl chloride	<0.50		0.50	ug/L			05/10/26 13:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		80 - 120		05/10/26 13:33	1
4-Bromofluorobenzene (Surr)	107		80 - 120		05/10/26 13:33	1
Dibromofluoromethane (Surr)	102		80 - 120		05/10/26 13:33	1
Toluene-d8 (Surr)	98		80 - 120		05/10/26 13:33	1

Lab Sample ID: LCS 570-736677/1003

Matrix: Water

Analysis Batch: 736677

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	23.3		ug/L		116	83 - 120
1,1,1-Trichloroethane	20.0	21.0		ug/L		105	78 - 123
1,1,2,2-Tetrachloroethane	20.0	23.4		ug/L		117	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.4		ug/L		87	72 - 130
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	82 - 120
1,1-Dichloroethane	20.0	22.7		ug/L		114	79 - 122
1,1-Dichloroethene	20.0	23.0		ug/L		115	74 - 127

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCS 570-736677/1003

Matrix: Water

Analysis Batch: 736677

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	20.8		ug/L		104	75 - 124
1,2,3-Trichlorobenzene	20.0	25.8	*+	ug/L		129	71 - 126
1,2,3-Trichloropropane	20.0	23.4		ug/L		117	73 - 121
1,2,4-Trichlorobenzene	20.0	24.0		ug/L		120	70 - 130
1,2,4-Trimethylbenzene	20.0	23.8		ug/L		119	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	26.9	*+	ug/L		134	64 - 127
1,2-Dichlorobenzene	20.0	24.6	*+	ug/L		123	78 - 122
1,2-Dichloroethane	20.0	25.3	*+	ug/L		127	76 - 123
1,2-Dichloropropane	20.0	23.0		ug/L		115	82 - 120
1,3,5-Trimethylbenzene	20.0	22.0		ug/L		110	79 - 124
1,3-Dichlorobenzene	20.0	22.8		ug/L		114	81 - 120
1,3-Dichloropropane	20.0	22.6		ug/L		113	82 - 120
1,4-Dichlorobenzene	20.0	22.4		ug/L		112	78 - 121
2,2-Dichloropropane	20.0	22.4		ug/L		112	69 - 133
2-Butanone	20.0	26.3		ug/L		131	55 - 142
2-Chlorotoluene	20.0	23.3		ug/L		117	80 - 120
2-Hexanone	20.0	30.2	*+	ug/L		151	54 - 138
4-Chlorotoluene	20.0	24.9	*+	ug/L		124	80 - 121
Acetone	20.0	21.2		ug/L		106	50 - 157
Benzene	20.0	20.6		ug/L		103	80 - 120
Bromobenzene	20.0	23.0		ug/L		115	80 - 120
Bromochloromethane	20.0	20.4		ug/L		102	83 - 123
Bromodichloromethane	20.0	21.7		ug/L		108	83 - 120
Bromoform	20.0	23.9		ug/L		120	75 - 128
Bromomethane	20.0	24.9	*+	ug/L		125	31 - 120
Carbon disulfide	20.0	19.1		ug/L		95	71 - 128
Carbon tetrachloride	20.0	22.0		ug/L		110	72 - 135
Chlorobenzene	20.0	21.9		ug/L		110	84 - 120
Chloroethane	20.0	19.8		ug/L		99	72 - 129
Chloroform	20.0	20.5		ug/L		102	79 - 120
Chloromethane	20.0	29.1		ug/L		145	36 - 148
cis-1,2-Dichloroethene	20.0	20.5		ug/L		102	81 - 120
cis-1,3-Dichloropropene	20.0	21.5		ug/L		107	76 - 125
Dibromochloromethane	20.0	23.6		ug/L		118	82 - 120
Dibromomethane	20.0	22.4		ug/L		112	85 - 120
Dichlorodifluoromethane	20.0	19.6		ug/L		98	52 - 147
Diethyl ether	20.0	23.5		ug/L		117	71 - 127
Di-isopropyl ether (DIPE)	20.0	31.0	*+	ug/L		155	70 - 132
Ethanol	200	251		ug/L		126	48 - 163
Ethylbenzene	20.0	22.8		ug/L		114	81 - 120
Ethylene Dibromide	20.0	22.3		ug/L		112	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	25.0		ug/L		125	68 - 126
Isopropylbenzene	20.0	21.6		ug/L		108	80 - 122
m,p-Xylene	40.0	45.9		ug/L		115	79 - 122
Methylene Chloride	20.0	19.2		ug/L		96	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	21.9		ug/L		109	70 - 124
MIBK	20.0	24.6		ug/L		123	57 - 133
Naphthalene	20.0	22.2		ug/L		111	64 - 124
n-Butylbenzene	20.0	23.0		ug/L		115	78 - 127

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCS 570-736677/1003

Matrix: Water

Analysis Batch: 736677

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	22.6		ug/L		113	80 - 121
o-Xylene	20.0	23.2		ug/L		116	81 - 120
p-Isopropyltoluene	20.0	24.0		ug/L		120	81 - 124
sec-Butylbenzene	20.0	22.4		ug/L		112	80 - 123
Styrene	20.0	21.7		ug/L		108	82 - 120
tert-Amyl alcohol	100	131		ug/L		131	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	21.3		ug/L		107	71 - 121
tert-Butyl alcohol (TBA)	100	111		ug/L		111	68 - 128
tert-Butylbenzene	20.0	23.2		ug/L		116	80 - 124
Tetrachloroethene	20.0	22.1		ug/L		110	78 - 126
Toluene	20.0	21.2		ug/L		106	82 - 120
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	79 - 122
trans-1,3-Dichloropropene	20.0	23.7		ug/L		118	73 - 127
Trichloroethene	20.0	21.2		ug/L		106	83 - 120
Trichlorofluoromethane	20.0	18.8		ug/L		94	74 - 135
Vinyl acetate	20.0	21.8		ug/L		109	56 - 135
Vinyl chloride	20.0	21.1		ug/L		106	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	116		80 - 120
4-Bromofluorobenzene (Surr)	105		80 - 120
Dibromofluoromethane (Surr)	100		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-736677/4

Matrix: Water

Analysis Batch: 736677

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	20.4		ug/L		102	83 - 120	13	20
1,1,1-Trichloroethane	20.0	20.1		ug/L		100	78 - 123	4	20
1,1,2,2-Tetrachloroethane	20.0	20.8		ug/L		104	74 - 125	12	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	16.6		ug/L		83	72 - 130	5	20
1,1,2-Trichloroethane	20.0	19.5		ug/L		97	82 - 120	11	20
1,1-Dichloroethane	20.0	21.4		ug/L		107	79 - 122	6	20
1,1-Dichloroethene	20.0	21.3		ug/L		107	74 - 127	7	20
1,1-Dichloropropene	20.0	19.4		ug/L		97	75 - 124	7	20
1,2,3-Trichlorobenzene	20.0	23.6		ug/L		118	71 - 126	9	20
1,2,3-Trichloropropane	20.0	20.8		ug/L		104	73 - 121	12	20
1,2,4-Trichlorobenzene	20.0	21.4		ug/L		107	70 - 130	11	20
1,2,4-Trimethylbenzene	20.0	21.1		ug/L		105	80 - 125	12	20
1,2-Dibromo-3-Chloropropane	20.0	24.0		ug/L		120	64 - 127	11	20
1,2-Dichlorobenzene	20.0	21.7		ug/L		108	78 - 122	12	20
1,2-Dichloroethane	20.0	23.3		ug/L		117	76 - 123	8	20
1,2-Dichloropropane	20.0	21.7		ug/L		109	82 - 120	6	20
1,3,5-Trimethylbenzene	20.0	19.8		ug/L		99	79 - 124	11	20
1,3-Dichlorobenzene	20.0	20.3		ug/L		102	81 - 120	11	20
1,3-Dichloropropane	20.0	20.2		ug/L		101	82 - 120	11	20

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCSD 570-736677/4

Matrix: Water

Analysis Batch: 736677

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	19.9		ug/L		99	78 - 121	12	20
2,2-Dichloropropane	20.0	20.5		ug/L		103	69 - 133	9	20
2-Butanone	20.0	24.2		ug/L		121	55 - 142	8	21
2-Chlorotoluene	20.0	20.6		ug/L		103	80 - 120	13	20
2-Hexanone	20.0	26.8		ug/L		134	54 - 138	12	21
4-Chlorotoluene	20.0	22.0		ug/L		110	80 - 121	12	20
Acetone	20.0	16.9		ug/L		84	50 - 157	23	26
Benzene	20.0	19.3		ug/L		97	80 - 120	7	20
Bromobenzene	20.0	20.9		ug/L		104	80 - 120	10	20
Bromochloromethane	20.0	19.0		ug/L		95	83 - 123	7	20
Bromodichloromethane	20.0	20.5		ug/L		103	83 - 120	5	20
Bromoform	20.0	21.3		ug/L		106	75 - 128	12	20
Bromomethane	20.0	21.4		ug/L		107	31 - 120	15	22
Carbon disulfide	20.0	17.8		ug/L		89	71 - 128	7	20
Carbon tetrachloride	20.0	20.8		ug/L		104	72 - 135	6	20
Chlorobenzene	20.0	19.6		ug/L		98	84 - 120	11	20
Chloroethane	20.0	18.4		ug/L		92	72 - 129	7	20
Chloroform	20.0	19.1		ug/L		96	79 - 120	7	20
Chloromethane	20.0	27.0		ug/L		135	36 - 148	7	20
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	81 - 120	6	20
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	76 - 125	6	20
Dibromochloromethane	20.0	20.9		ug/L		105	82 - 120	12	20
Dibromomethane	20.0	20.8		ug/L		104	85 - 120	7	20
Dichlorodifluoromethane	20.0	18.0		ug/L		90	52 - 147	9	20
Diethyl ether	20.0	22.5		ug/L		112	71 - 127	4	20
Di-isopropyl ether (DIPE)	20.0	29.2	++	ug/L		146	70 - 132	6	20
Ethanol	200	248		ug/L		124	48 - 163	1	30
Ethylbenzene	20.0	20.5		ug/L		103	81 - 120	11	20
Ethylene Dibromide	20.0	19.8		ug/L		99	81 - 120	12	20
Ethyl-t-butyl ether (ETBE)	20.0	23.8		ug/L		119	68 - 126	5	20
Isopropylbenzene	20.0	19.4		ug/L		97	80 - 122	11	20
m,p-Xylene	40.0	41.2		ug/L		103	79 - 122	11	20
Methylene Chloride	20.0	18.1		ug/L		91	76 - 120	6	20
Methyl-t-Butyl Ether (MTBE)	20.0	20.6		ug/L		103	70 - 124	6	20
MIBK	20.0	23.0		ug/L		115	57 - 133	7	20
Naphthalene	20.0	20.5		ug/L		103	64 - 124	8	20
n-Butylbenzene	20.0	20.8		ug/L		104	78 - 127	10	20
N-Propylbenzene	20.0	20.2		ug/L		101	80 - 121	11	20
o-Xylene	20.0	20.8		ug/L		104	81 - 120	11	20
p-Isopropyltoluene	20.0	21.2		ug/L		106	81 - 124	12	20
sec-Butylbenzene	20.0	20.1		ug/L		100	80 - 123	11	20
Styrene	20.0	19.6		ug/L		98	82 - 120	10	20
tert-Amyl alcohol	100	125		ug/L		125	30 - 157	5	30
Tert-amyl-methyl ether (TAME)	20.0	20.2		ug/L		101	71 - 121	6	20
tert-Butyl alcohol (TBA)	100	106		ug/L		106	68 - 128	5	20
tert-Butylbenzene	20.0	20.2		ug/L		101	80 - 124	14	20
Tetrachloroethene	20.0	19.6		ug/L		98	78 - 126	12	20
Toluene	20.0	20.0		ug/L		100	82 - 120	6	20
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	79 - 122	5	20

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCSD 570-736677/4

Matrix: Water

Analysis Batch: 736677

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	21.6		ug/L		108	73 - 127	9	20
Trichloroethene	20.0	19.8		ug/L		99	83 - 120	7	20
Trichlorofluoromethane	20.0	17.6		ug/L		88	74 - 135	7	20
Vinyl acetate	20.0	23.1		ug/L		116	56 - 135	6	24
Vinyl chloride	20.0	19.5		ug/L		97	68 - 131	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		80 - 120
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 120

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

Lab Sample ID: MB 570-734827/1-A

Matrix: Water

Analysis Batch: 736809

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 734827

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	05/06/26 07:53	05/11/26 08:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	44		33 - 139	05/06/26 07:53	05/11/26 08:57	1
2-Fluorobiphenyl (Surr)	75		33 - 126	05/06/26 07:53	05/11/26 08:57	1
2-Fluorophenol (Surr)	50		12 - 120	05/06/26 07:53	05/11/26 08:57	1
Nitrobenzene-d5 (Surr)	79		36 - 120	05/06/26 07:53	05/11/26 08:57	1
Phenol-d6 (Surr)	31		10 - 120	05/06/26 07:53	05/11/26 08:57	1
p-Terphenyl-d14 (Surr)	71		47 - 131	05/06/26 07:53	05/11/26 08:57	1

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

Lab Sample ID: MB 570-734827/1-A

Matrix: Water

Analysis Batch: 735197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 734827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
2-Methylnaphthalene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Acenaphthene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Acenaphthylene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Anthracene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Benzo[a]anthracene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Benzo[a]pyrene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Chrysene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: MB 570-734827/1-A

Matrix: Water

Analysis Batch: 735197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 734827

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Fluorene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Naphthalene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Phenanthrene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1
Pyrene	<0.20		0.20	ug/L		05/06/26 07:53	05/06/26 21:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		28 - 127	05/06/26 07:53	05/06/26 21:14	1
2-Fluorobiphenyl (Surr)	77		31 - 120	05/06/26 07:53	05/06/26 21:14	1
2-Fluorophenol (Surr)	55		17 - 120	05/06/26 07:53	05/06/26 21:14	1
Nitrobenzene-d5 (Surr)	85		27 - 120	05/06/26 07:53	05/06/26 21:14	1
Phenol-d6 (Surr)	35		10 - 120	05/06/26 07:53	05/06/26 21:14	1
p-Terphenyl-d14 (Surr)	76		45 - 120	05/06/26 07:53	05/06/26 21:14	1

Lab Sample ID: LCS 570-734827/2-A

Matrix: Water

Analysis Batch: 735197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 734827

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.4		ug/L		72	47 - 120
2-Methylnaphthalene	20.0	13.5		ug/L		68	43 - 120
Acenaphthene	20.0	16.5		ug/L		82	60 - 132
Acenaphthylene	20.0	16.9		ug/L		85	54 - 126
Anthracene	20.0	16.2		ug/L		81	43 - 120
Benzo[a]anthracene	20.0	17.0		ug/L		85	42 - 133
Benzo[a]pyrene	20.0	17.3		ug/L		86	32 - 148
Benzo[b]fluoranthene	20.0	17.2		ug/L		86	42 - 140
Benzo[g,h,i]perylene	20.0	16.3		ug/L		81	1 - 195
Benzo[k]fluoranthene	20.0	16.7		ug/L		83	25 - 146
Chrysene	20.0	16.5		ug/L		83	44 - 140
Dibenz(a,h)anthracene	20.0	17.2		ug/L		86	1 - 200
Fluoranthene	20.0	16.8		ug/L		84	43 - 121
Fluorene	20.0	17.7		ug/L		88	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.1		ug/L		85	1 - 151
Naphthalene	20.0	13.5		ug/L		67	36 - 120
Phenanthrene	20.0	16.6		ug/L		83	65 - 120
Pyrene	20.0	17.7		ug/L		89	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		28 - 127
2-Fluorobiphenyl (Surr)	78		31 - 120
2-Fluorophenol (Surr)	58		17 - 120
Nitrobenzene-d5 (Surr)	68		27 - 120
Phenol-d6 (Surr)	38		10 - 120
p-Terphenyl-d14 (Surr)	82		45 - 120

Eurofins Pomona

QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCSD 570-734827/3-A

Matrix: Water

Analysis Batch: 735197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 734827

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	14.0		ug/L		70	47 - 120	3	20
2-Methylnaphthalene	20.0	12.8		ug/L		64	43 - 120	6	20
Acenaphthene	20.0	15.3		ug/L		76	60 - 132	7	29
Acenaphthylene	20.0	15.6		ug/L		78	54 - 126	8	45
Anthracene	20.0	15.2		ug/L		76	43 - 120	6	40
Benzo[a]anthracene	20.0	15.7		ug/L		79	42 - 133	8	32
Benzo[a]pyrene	20.0	16.2		ug/L		81	32 - 148	6	43
Benzo[b]fluoranthene	20.0	15.8		ug/L		79	42 - 140	8	43
Benzo[g,h,i]perylene	20.0	15.5		ug/L		77	1 - 195	5	61
Benzo[k]fluoranthene	20.0	16.0		ug/L		80	25 - 146	4	38
Chrysene	20.0	15.5		ug/L		78	44 - 140	6	53
Dibenz(a,h)anthracene	20.0	16.8		ug/L		84	1 - 200	2	75
Fluoranthene	20.0	15.7		ug/L		79	43 - 121	7	40
Fluorene	20.0	16.3		ug/L		81	70 - 120	8	23
Indeno[1,2,3-cd]pyrene	20.0	16.2		ug/L		81	1 - 151	5	60
Naphthalene	20.0	12.9		ug/L		65	36 - 120	4	39
Phenanthrene	20.0	15.7		ug/L		79	65 - 120	5	24
Pyrene	20.0	16.5		ug/L		82	70 - 120	7	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	70		28 - 127
2-Fluorobiphenyl (Surr)	71		31 - 120
2-Fluorophenol (Surr)	53		17 - 120
Nitrobenzene-d5 (Surr)	62		27 - 120
Phenol-d6 (Surr)	36		10 - 120
p-Terphenyl-d14 (Surr)	77		45 - 120

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

Lab Sample ID: MB 570-736059/12

Matrix: Water

Analysis Batch: 736059

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			05/08/26 14:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		38 - 134				05/08/26 14:43	1

Lab Sample ID: LCS 570-736059/1010

Matrix: Water

Analysis Batch: 736059

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	420		ug/L		105	78 - 120

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: LCS 570-736059/1010

Matrix: Water

Analysis Batch: 736059

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: LCSD 570-736059/11

Matrix: Water

Analysis Batch: 736059

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	395		ug/L		99	78 - 120	6	10

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

Lab Sample ID: MRL 570-736059/1005

Matrix: Water

Analysis Batch: 736059

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	11.5		ug/L		115	50 - 150		

	MRL	MRL	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		38 - 134

Lab Sample ID: 380-210938-C-1 MS

Matrix: Water

Analysis Batch: 736059

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	388		ug/L		97	68 - 122		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		38 - 134

Lab Sample ID: 380-210938-C-1 MSD

Matrix: Water

Analysis Batch: 736059

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	392		ug/L		98	68 - 122	1	18

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		38 - 134

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: MB 570-735039/1-A

Matrix: Water

Analysis Batch: 735254

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 735039

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		05/06/26 13:37	05/06/26 23:44	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		05/06/26 13:37	05/06/26 23:44	1
C8-C18	<25		25	ug/L		05/06/26 13:37	05/06/26 23:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		60 - 130			05/06/26 13:37	05/06/26 23:44	1

Lab Sample ID: LCS 570-735039/2-A

Matrix: Water

Analysis Batch: 735254

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735039

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1420		ug/L		89	56 - 127
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	102		60 - 130				

Lab Sample ID: LCSD 570-735039/3-A

Matrix: Water

Analysis Batch: 735254

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 735039

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1400		ug/L		88	56 - 127	2	23
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	101		60 - 130						

Lab Sample ID: MRL 570-735039/4-A

Matrix: Water

Analysis Batch: 736712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735039

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0271		mg/L		136	50 - 150
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
n-Octacosane (Surr)	111		60 - 130				

Lab Sample ID: 380-211830-1 MS

Matrix: Water

Analysis Batch: 736712

Client Sample ID: BWS2254-D2-AQ

Prep Type: Total/NA

Prep Batch: 735039

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<27		1670	1580		ug/L		95	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
n-Octacosane (Surr)	117		60 - 130						

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QC Sample Results

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

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

Lab Sample ID: 380-211830-1 MSD

Matrix: Water

Analysis Batch: 736712

Client Sample ID: BWS2254-D2-AQ

Prep Type: Total/NA

Prep Batch: 735039

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<27		1700	1620		ug/L		95	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	125		60 - 130

QC Association Summary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

GC/MS VOA

Analysis Batch: 736677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	8260B	
380-211830-2	BWS2254-D2-TB	Total/NA	Water	8260B	
MB 570-736677/6	Method Blank	Total/NA	Water	8260B	
LCS 570-736677/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-736677/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 734827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	625.1	
MB 570-734827/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-734827/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-734827/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 735197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-734827/1-A	Method Blank	Total/NA	Water	625.1 SIM	734827
LCS 570-734827/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	734827
LCSD 570-734827/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	734827

Analysis Batch: 736238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	625.1 SIM	734827

Analysis Batch: 736809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	625.1	734827
MB 570-734827/1-A	Method Blank	Total/NA	Water	625.1	734827

GC VOA

Analysis Batch: 736059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	8015B GRO LL	
380-211830-2	BWS2254-D2-TB	Total/NA	Water	8015B GRO LL	
MB 570-736059/12	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-736059/1010	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-736059/11	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-736059/1005	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-210938-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-210938-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 735039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	3510C	
MB 570-735039/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-735039/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-735039/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-735039/4-A	Lab Control Sample	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

GC Semi VOA (Continued)

Prep Batch: 735039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1 MS	BWS2254-D2-AQ	Total/NA	Water	3510C	
380-211830-1 MSD	BWS2254-D2-AQ	Total/NA	Water	3510C	

Analysis Batch: 735254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-735039/1-A	Method Blank	Total/NA	Water	8015B	735039
LCS 570-735039/2-A	Lab Control Sample	Total/NA	Water	8015B	735039
LCSD 570-735039/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	735039

Analysis Batch: 736712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-211830-1	BWS2254-D2-AQ	Total/NA	Water	8015B	735039
MRL 570-735039/4-A	Lab Control Sample	Total/NA	Water	8015B	735039
380-211830-1 MS	BWS2254-D2-AQ	Total/NA	Water	8015B	735039
380-211830-1 MSD	BWS2254-D2-AQ	Total/NA	Water	8015B	735039

Lab Chronicle

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

Job ID: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-211830-1

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	736677	KHF2	EET CAL 4	05/10/26 16:47
Total/NA	Prep	625.1			734827	OAJ3	EET CAL 4	05/07/26 06:16
Total/NA	Analysis	625.1		1	736809	PQS1	EET CAL 4	05/11/26 09:21
Total/NA	Prep	625.1			734827	OAJ3	EET CAL 4	05/07/26 06:16
Total/NA	Analysis	625.1 SIM		1	736238	PQS1	EET CAL 4	05/08/26 21:34
Total/NA	Analysis	8015B GRO LL		1	736059	A9VE	EET CAL 4	05/09/26 00:33
Total/NA	Prep	3510C			735039	EP2G	EET CAL 4	05/07/26 11:12
Total/NA	Analysis	8015B		1	736712	H6FE	EET CAL 4	05/10/26 20:22

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-211830-2

Date Collected: 05/04/26 11:00

Matrix: Water

Date Received: 05/05/26 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	736677	KHF2	EET CAL 4	05/10/26 15:43
Total/NA	Analysis	8015B GRO LL		1	736059	A9VE	EET CAL 4	05/09/26 00:10

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: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 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	05-12-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
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: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 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: 380-211830-1
SDG: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-211830-1	BWS2254-D2-AQ	Water	05/04/26 11:00	05/05/26 10:20	Hawaii
380-211830-2	BWS2254-D2-TB	Water	05/04/26 11:00	05/05/26 10:20	Hawaii

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

Ver- 05/06/2024

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

Chain of Custody Record



eurofins

Env

Loc: 380

211830

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Lopez, Maria		Carrier Tracking No(s): N/A		COC No: 380-330862.1													
Client Contact: Shipping/Receiving		Phone: N/A		E-Mail: Maria.Lopez@et.eurofinsus.com		State of Origin: Hawaii		Page: Page 1 of 1													
Company: Eurofins Environment Testing Southwest L				Accreditations Required (See note): State - Hawaii				Job #: 380-211830-1													
Address: 2841 Dow Avenue, Suite 100,		Due Date Requested: 5/18/2026		Analysis Requested						Preservation Code											
City: Tustin		TAT Requested (days): N/A		<table border="1"><tr><td rowspan="5">Field Filtered Sample (Yes or No)</td><td rowspan="5">Perform MS/MSD (Yes or No)</td><td rowspan="5">8260B/630C(MOD) Super Volatiles List</td><td rowspan="5">8015B_DRO_LL_CS/510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18</td><td rowspan="5">8015B_GRO_LL/5030C(MOD) GRO</td><td rowspan="5">625.1_SIMS625_Prep(MOD) Extended PAH List</td><td rowspan="5">625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)</td><td rowspan="5">Total Number of containers</td></tr><tr></tr><tr></tr><tr></tr><tr></tr></table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/630C(MOD) Super Volatiles List	8015B_DRO_LL_CS/510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIMS625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Other: N/A			
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/630C(MOD) Super Volatiles List	8015B_DRO_LL_CS/510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18															8015B_GRO_LL/5030C(MOD) GRO	625.1_SIMS625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers
State, Zip: CA, 92780		PO #: N/A		Special Ins																	
Phone: 714-895-5494(Tel)		WO #: N/A																			
Email: N/A		Project #: 38000861																			
Project Name: INTERA - Red-Hill-Incident		SSOW#: N/A																			
Site: Honolulu BWS Sites																					
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)																
BWS2254-D2-AQ (380-211830-1)		5/4/26	11:00 Hawaiian	G	Water		X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL, MRLs are needed.								
BWS2254-D2-TB (380-211830-2)		5/4/26	11:00 Hawaiian	G	Water		X		X			4	MRLs are needed. Confirm any hits >RL, MRLs are needed.								
Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.																					
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)															
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months															
Deliverable Requested: I, II, III, IV, Other (specify)						Primary Deliverable Rank: 2						Special Instructions/QC Requirements:									
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:													
Relinquished by:				Date/Time: 5/16/26 1330		Company:		Received by:		Date/Time: 5/16/26 1330		Company:									
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:		Company:									
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:		Company:									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 2.2/2.2 IR8																	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-211830-1

SDG Number: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Login Number: 211830

List Number: 1

Creator: Gross, Drake

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).	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: 380-211830-1

SDG Number: Site D2 625.1, 8015B_DRO/_DRO, 8260B

Login Number: 211830

List Number: 2

Creator: Ferreira, Bruno

List Source: Eurofins Calscience

List Creation: 05/06/26 04:41 PM

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	Seal present with no number.
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	2.2
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	vu9z
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	