

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-217867-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



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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 38



Definitions/Glossary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

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

Glossary

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

Case Narrative

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

Job ID: 380-217867-1

Job ID: 380-217867-1

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Job Narrative 380-217867-1

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 6/4/2026 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C.

GC/MS VOA

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 570-753100 recovered outside control limits for the following analytes: 2-Hexanone, 2-Butanone, Di-isopropyl ether, Hexane and Ethylene Dibromide. 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 570-753100 recovered above the upper control limit for 2-Hexanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: BWS2153-S1-AQ (380-217867-1), BWS2153-S1-TB (380-217867-2) and (CCVIS 570-753100/3).

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-753100. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-754424. 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.

GC/MS Semi VOA

Method 625.1: Analysis of EPA 625.1 and 625.1 SIM for BWS2153-S1-AQ (380-217867-1) collected on 06/03/26 are a resample for BWS2153-S1-AQ (380-215489-1) collected on 05/20/26. (XWB4)

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/sample duplicate (MS/DUP) associated with preparation batch 570-750843.

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/sample duplicate (MS/DUP) associated with preparation batch 570-750843.

Method 625.1 SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-750843 and analytical batch 570-751912 recovered outside control limits for the following analytes: Acenaphthene and Acenaphthylene.

Method 625.1 SIM: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 570-750843 and analytical batch 570-751912: Acenaphthylene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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Case Narrative

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

Job ID: 380-217867-1

Job ID: 380-217867-1 (Continued)

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

Gasoline Range Organics

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

Diesel Range Organics

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

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Detection Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

☐ No Detections.

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-217867-2

☐ 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: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

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			06/12/26 09:36	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			06/12/26 09:36	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/12/26 09:36	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/12/26 09:36	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/12/26 09:36	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:36	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:36	1
2-Butanone	<10	+	10	ug/L			06/12/26 09:36	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 09:36	1
2-Hexanone	<10	+	10	ug/L			06/12/26 09:36	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 09:36	1
Acetone	<10		10	ug/L			06/12/26 09:36	1
Benzene	<0.50		0.50	ug/L			06/12/26 09:36	1
Bromobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
Bromochloromethane	<2.0		2.0	ug/L			06/12/26 09:36	1
Bromodichloromethane	<1.0		1.0	ug/L			06/12/26 09:36	1
Bromoform	<5.0		5.0	ug/L			06/12/26 09:36	1
Bromomethane	<10		10	ug/L			06/12/26 09:36	1
Carbon disulfide	<10		10	ug/L			06/12/26 09:36	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/12/26 09:36	1
Chlorobenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
Chloroethane	<5.0		5.0	ug/L			06/12/26 09:36	1
Chloroform	<1.0		1.0	ug/L			06/12/26 09:36	1
Chloromethane	<10		10	ug/L			06/12/26 09:36	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:36	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 09:36	1
Dibromochloromethane	<2.0		2.0	ug/L			06/12/26 09:36	1
Dibromomethane	<1.0		1.0	ug/L			06/12/26 09:36	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/12/26 09:36	1
Diethyl ether	<10		10	ug/L			06/12/26 09:36	1
Di-isopropyl ether (DIPE)	<2.0	+	2.0	ug/L			06/12/26 09:36	1
Ethanol	<100		100	ug/L			06/12/26 09:36	1
Ethylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
Ethylene Dibromide	<1.0	+	1.0	ug/L			06/12/26 09:36	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			06/12/26 09:36	1

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Client Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

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			06/12/26 09:36	1
Hexane	<5.0	*+	5.0	ug/L			06/12/26 09:36	1
Isobutyl alcohol	<75		75	ug/L			06/15/26 21:45	1
Isopropanol	<75		75	ug/L			06/12/26 09:36	1
Isopropylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
m,p-Xylene	<2.0		2.0	ug/L			06/12/26 09:36	1
Methylene Chloride	<10		10	ug/L			06/12/26 09:36	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/12/26 09:36	1
MIBK	<10		10	ug/L			06/12/26 09:36	1
Naphthalene	<10		10	ug/L			06/12/26 09:36	1
n-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
N-Propylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
o-Xylene	<1.0		1.0	ug/L			06/12/26 09:36	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/12/26 09:36	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
Styrene	<1.0		1.0	ug/L			06/12/26 09:36	1
tert-Amyl alcohol	<50		50	ug/L			06/12/26 09:36	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/12/26 09:36	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/12/26 09:36	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:36	1
Tetrachloroethene	<1.0		1.0	ug/L			06/12/26 09:36	1
Toluene	<1.0		1.0	ug/L			06/12/26 09:36	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:36	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 09:36	1
Trichloroethene	<1.0		1.0	ug/L			06/12/26 09:36	1
Trichlorofluoromethane	<10		10	ug/L			06/12/26 09:36	1
Vinyl acetate	<10		10	ug/L			06/12/26 09:36	1
Vinyl chloride	<0.50		0.50	ug/L			06/12/26 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		06/12/26 09:36	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		06/15/26 21:45	1
4-Bromofluorobenzene (Surr)	98		80 - 120		06/12/26 09:36	1
4-Bromofluorobenzene (Surr)	103		80 - 120		06/15/26 21:45	1
Dibromofluoromethane (Surr)	99		80 - 120		06/12/26 09:36	1
Dibromofluoromethane (Surr)	103		80 - 120		06/15/26 21:45	1
Toluene-d8 (Surr)	99		80 - 120		06/12/26 09:36	1
Toluene-d8 (Surr)	98		80 - 120		06/15/26 21:45	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		06/08/26 12:55	06/10/26 14:01	1
2-Methylnaphthalene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Acenaphthene	<0.19	*1	0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Acenaphthylene	<0.19	*- *1	0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Anthracene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Benzo[a]anthracene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Benzo[a]pyrene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1

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Client Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Chrysene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Fluoranthene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Fluorene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Naphthalene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Phenanthrene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1
Pyrene	<0.19		0.19	ug/L		06/08/26 12:55	06/10/26 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		28 - 127	06/08/26 12:55	06/10/26 14:01	1
2-Fluorobiphenyl (Surr)	79		31 - 120	06/08/26 12:55	06/10/26 14:01	1
2-Fluorophenol (Surr)	38		17 - 120	06/08/26 12:55	06/10/26 14:01	1
Nitrobenzene-d5 (Surr)	73		27 - 120	06/08/26 12:55	06/10/26 14:01	1
Phenol-d6 (Surr)	23		10 - 120	06/08/26 12:55	06/10/26 14:01	1
p-Terphenyl-d14 (Surr)	74		45 - 120	06/08/26 12:55	06/10/26 14:01	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	06/08/26 12:55	06/12/26 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		33 - 139	06/08/26 12:55	06/12/26 16:58	1
2-Fluorobiphenyl (Surr)	80		33 - 126	06/08/26 12:55	06/12/26 16:58	1
2-Fluorophenol (Surr)	51		12 - 120	06/08/26 12:55	06/12/26 16:58	1
Nitrobenzene-d5 (Surr)	96		36 - 120	06/08/26 12:55	06/12/26 16:58	1
Phenol-d6 (Surr)	28		10 - 120	06/08/26 12:55	06/12/26 16:58	1
p-Terphenyl-d14 (Surr)	75		47 - 131	06/08/26 12:55	06/12/26 16:58	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			06/14/26 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		38 - 134		06/14/26 16:58	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)	<26		26	ug/L		06/07/26 09:31	06/14/26 20:46	1
Motor Oil Range Organics [C24-C36]	<26		26	ug/L		06/07/26 09:31	06/14/26 20:46	1
C8-C18	<26		26	ug/L		06/07/26 09:31	06/14/26 20:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	109		60 - 130	06/07/26 09:31	06/14/26 20:46	1

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Client Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-217867-2

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

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			06/12/26 09:14	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			06/12/26 09:14	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/12/26 09:14	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/12/26 09:14	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/12/26 09:14	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:14	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 09:14	1
2-Butanone	<10	+	10	ug/L			06/12/26 09:14	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 09:14	1
2-Hexanone	<10	+	10	ug/L			06/12/26 09:14	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 09:14	1
Acetone	<10		10	ug/L			06/12/26 09:14	1
Benzene	<0.50		0.50	ug/L			06/12/26 09:14	1
Bromobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
Bromochloromethane	<2.0		2.0	ug/L			06/12/26 09:14	1
Bromodichloromethane	<1.0		1.0	ug/L			06/12/26 09:14	1
Bromoform	<5.0		5.0	ug/L			06/12/26 09:14	1
Bromomethane	<10		10	ug/L			06/12/26 09:14	1
Carbon disulfide	<10		10	ug/L			06/12/26 09:14	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/12/26 09:14	1
Chlorobenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
Chloroethane	<5.0		5.0	ug/L			06/12/26 09:14	1
Chloroform	<1.0		1.0	ug/L			06/12/26 09:14	1
Chloromethane	<10		10	ug/L			06/12/26 09:14	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:14	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 09:14	1
Dibromochloromethane	<2.0		2.0	ug/L			06/12/26 09:14	1
Dibromomethane	<1.0		1.0	ug/L			06/12/26 09:14	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/12/26 09:14	1
Diethyl ether	<10		10	ug/L			06/12/26 09:14	1
Di-isopropyl ether (DIPE)	<2.0	+	2.0	ug/L			06/12/26 09:14	1
Ethanol	<100		100	ug/L			06/12/26 09:14	1
Ethylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
Ethylene Dibromide	<1.0	+	1.0	ug/L			06/12/26 09:14	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			06/12/26 09:14	1

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Client Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-217867-2

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

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			06/12/26 09:14	1
Hexane	<5.0	*+	5.0	ug/L			06/12/26 09:14	1
Isobutyl alcohol	<75		75	ug/L			06/15/26 21:02	1
Isopropanol	<75		75	ug/L			06/12/26 09:14	1
Isopropylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
m,p-Xylene	<2.0		2.0	ug/L			06/12/26 09:14	1
Methylene Chloride	<10		10	ug/L			06/12/26 09:14	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/12/26 09:14	1
MIBK	<10		10	ug/L			06/12/26 09:14	1
Naphthalene	<10		10	ug/L			06/12/26 09:14	1
n-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
N-Propylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
o-Xylene	<1.0		1.0	ug/L			06/12/26 09:14	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/12/26 09:14	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
Styrene	<1.0		1.0	ug/L			06/12/26 09:14	1
tert-Amyl alcohol	<50		50	ug/L			06/12/26 09:14	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/12/26 09:14	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/12/26 09:14	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/12/26 09:14	1
Tetrachloroethene	<1.0		1.0	ug/L			06/12/26 09:14	1
Toluene	<1.0		1.0	ug/L			06/12/26 09:14	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 09:14	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 09:14	1
Trichloroethene	<1.0		1.0	ug/L			06/12/26 09:14	1
Trichlorofluoromethane	<10		10	ug/L			06/12/26 09:14	1
Vinyl acetate	<10		10	ug/L			06/12/26 09:14	1
Vinyl chloride	<0.50		0.50	ug/L			06/12/26 09:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 120		06/12/26 09:14	1
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		06/15/26 21:02	1
4-Bromofluorobenzene (Surr)	96		80 - 120		06/12/26 09:14	1
4-Bromofluorobenzene (Surr)	102		80 - 120		06/15/26 21:02	1
Dibromofluoromethane (Surr)	101		80 - 120		06/12/26 09:14	1
Dibromofluoromethane (Surr)	104		80 - 120		06/15/26 21:02	1
Toluene-d8 (Surr)	100		80 - 120		06/12/26 09:14	1
Toluene-d8 (Surr)	96		80 - 120		06/15/26 21:02	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			06/14/26 21:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		38 - 134		06/14/26 21:12	1

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Action Limit Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

Compliance Check

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

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

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-217867-2

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: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-217867-2

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: 380-217867-1
SDG: Site S1 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)
380-217867-1	BWS2153-S1-AQ	108	98	99	99
380-217867-1	BWS2153-S1-AQ	101	103	103	98
380-217867-2	BWS2153-S1-TB	109	96	101	100
380-217867-2	BWS2153-S1-TB	101	102	104	96
LCS 570-753100/1003	Lab Control Sample	109	97	98	99
LCS 570-754424/1002	Lab Control Sample	97	97	101	101
LCSD 570-753100/4	Lab Control Sample Dup	111	98	96	99
LCSD 570-754424/3	Lab Control Sample Dup	97	98	101	101
MB 570-753100/6	Method Blank	108	99	104	99
MB 570-754424/5	Method Blank	101	101	103	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)
380-217867-1	BWS2153-S1-AQ	76	80	51	96	28	75
MB 570-750843/1-A	Method Blank	60	70	55	94	33	84

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)
380-217867-1	BWS2153-S1-AQ	82	79	38	73	23	74
LCS 570-750843/2-A	Lab Control Sample	80	72	33	58	18	84
LCSD 570-750843/3-A	Lab Control Sample Dup	81	88	44	69	31	88
MB 570-750843/1-A	Method Blank	77	72	47	70	29	93

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)

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Surrogate Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-217867-1	BWS2153-S1-AQ	93
380-217867-2	BWS2153-S1-TB	90
LCS 570-753981/3	Lab Control Sample	91
LCSD 570-753981/4	Lab Control Sample Dup	96
MB 570-753981/6	Method Blank	96
MRL 570-753981/5	Lab Control Sample	93

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)
380-217867-1	BWS2153-S1-AQ	109
380-217867-1 MS	BWS2153-S1-AQ	106
380-217867-1 MSD	BWS2153-S1-AQ	108
LCS 570-750350/2-A	Lab Control Sample	110
LCSD 570-750350/3-A	Lab Control Sample Dup	97
MB 570-750350/1-A	Method Blank	110
MRL 570-750350/4-A	Lab Control Sample	79

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-753100/6

Matrix: Water

Analysis Batch: 753100

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			06/12/26 07:46	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			06/12/26 07:46	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,1-Dichloroethane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,1-Dichloroethene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,1-Dichloropropene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			06/12/26 07:46	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			06/12/26 07:46	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,2-Dichloroethane	<0.50		0.50	ug/L			06/12/26 07:46	1
1,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
1,3-Dichloropropane	<1.0		1.0	ug/L			06/12/26 07:46	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
2,2-Dichloropropane	<1.0		1.0	ug/L			06/12/26 07:46	1
2-Butanone	<10		10	ug/L			06/12/26 07:46	1
2-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 07:46	1
2-Hexanone	<10		10	ug/L			06/12/26 07:46	1
4-Chlorotoluene	<1.0		1.0	ug/L			06/12/26 07:46	1
Acetone	<10		10	ug/L			06/12/26 07:46	1
Benzene	<0.50		0.50	ug/L			06/12/26 07:46	1
Bromobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
Bromochloromethane	<2.0		2.0	ug/L			06/12/26 07:46	1
Bromodichloromethane	<1.0		1.0	ug/L			06/12/26 07:46	1
Bromoform	<5.0		5.0	ug/L			06/12/26 07:46	1
Bromomethane	<10		10	ug/L			06/12/26 07:46	1
Carbon disulfide	<10		10	ug/L			06/12/26 07:46	1
Carbon tetrachloride	<0.50		0.50	ug/L			06/12/26 07:46	1
Chlorobenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
Chloroethane	<5.0		5.0	ug/L			06/12/26 07:46	1
Chloroform	<1.0		1.0	ug/L			06/12/26 07:46	1
Chloromethane	<10		10	ug/L			06/12/26 07:46	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 07:46	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 07:46	1
Dibromochloromethane	<2.0		2.0	ug/L			06/12/26 07:46	1
Dibromomethane	<1.0		1.0	ug/L			06/12/26 07:46	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			06/12/26 07:46	1
Diethyl ether	<10		10	ug/L			06/12/26 07:46	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			06/12/26 07:46	1
Ethanol	<100		100	ug/L			06/12/26 07:46	1
Ethylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
Ethylene Dibromide	<1.0		1.0	ug/L			06/12/26 07:46	1

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-753100/6

Matrix: Water

Analysis Batch: 753100

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			06/12/26 07:46	1
Hexachloro-1,3-butadiene	<10		10	ug/L			06/12/26 07:46	1
Hexane	<5.0		5.0	ug/L			06/12/26 07:46	1
Isopropanol	<75		75	ug/L			06/12/26 07:46	1
Isopropylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
m,p-Xylene	<2.0		2.0	ug/L			06/12/26 07:46	1
Methylene Chloride	<10		10	ug/L			06/12/26 07:46	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			06/12/26 07:46	1
MIBK	<10		10	ug/L			06/12/26 07:46	1
Naphthalene	<10		10	ug/L			06/12/26 07:46	1
n-Butylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
N-Propylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
o-Xylene	<1.0		1.0	ug/L			06/12/26 07:46	1
p-Isopropyltoluene	<1.0		1.0	ug/L			06/12/26 07:46	1
sec-Butylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
Styrene	<1.0		1.0	ug/L			06/12/26 07:46	1
tert-Amyl alcohol	<50		50	ug/L			06/12/26 07:46	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			06/12/26 07:46	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			06/12/26 07:46	1
tert-Butylbenzene	<1.0		1.0	ug/L			06/12/26 07:46	1
Tetrachloroethene	<1.0		1.0	ug/L			06/12/26 07:46	1
Toluene	<1.0		1.0	ug/L			06/12/26 07:46	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			06/12/26 07:46	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			06/12/26 07:46	1
Trichloroethene	<1.0		1.0	ug/L			06/12/26 07:46	1
Trichlorofluoromethane	<10		10	ug/L			06/12/26 07:46	1
Vinyl acetate	<10		10	ug/L			06/12/26 07:46	1
Vinyl chloride	<0.50		0.50	ug/L			06/12/26 07:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		06/12/26 07:46	1
4-Bromofluorobenzene (Surr)	99		80 - 120		06/12/26 07:46	1
Dibromofluoromethane (Surr)	104		80 - 120		06/12/26 07:46	1
Toluene-d8 (Surr)	99		80 - 120		06/12/26 07:46	1

Lab Sample ID: LCS 570-753100/1003

Matrix: Water

Analysis Batch: 753100

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	23.1		ug/L		115	83 - 120
1,1,1-Trichloroethane	20.0	21.3		ug/L		107	78 - 123
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		100	72 - 130
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	82 - 120
1,1-Dichloroethane	20.0	24.1		ug/L		120	79 - 122
1,1-Dichloroethene	20.0	21.9		ug/L		110	74 - 127
1,1-Dichloropropene	20.0	20.8		ug/L		104	75 - 124

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-753100/1003

Matrix: Water

Analysis Batch: 753100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	20.0	18.1		ug/L		90	71 - 126
1,2,3-Trichloropropane	20.0	21.2		ug/L		106	73 - 121
1,2,4-Trichlorobenzene	20.0	17.9		ug/L		89	70 - 130
1,2,4-Trimethylbenzene	20.0	18.4		ug/L		92	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	22.2		ug/L		111	64 - 127
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	78 - 122
1,2-Dichloroethane	20.0	21.1		ug/L		106	76 - 123
1,2-Dichloropropane	20.0	23.4		ug/L		117	82 - 120
1,3,5-Trimethylbenzene	20.0	19.4		ug/L		97	79 - 124
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	81 - 120
1,3-Dichloropropane	20.0	21.4		ug/L		107	82 - 120
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	78 - 121
2,2-Dichloropropane	20.0	21.4		ug/L		107	69 - 133
2-Butanone	20.0	29.3	*+	ug/L		146	55 - 142
2-Chlorotoluene	20.0	20.0		ug/L		100	80 - 120
2-Hexanone	20.0	30.3	*+	ug/L		151	54 - 138
4-Chlorotoluene	20.0	20.5		ug/L		102	80 - 121
Acetone	20.0	27.8		ug/L		139	50 - 157
Benzene	20.0	21.4		ug/L		107	80 - 120
Bromobenzene	20.0	20.6		ug/L		103	80 - 120
Bromochloromethane	20.0	20.7		ug/L		104	83 - 123
Bromodichloromethane	20.0	21.3		ug/L		107	83 - 120
Bromoform	20.0	24.1		ug/L		121	75 - 128
Bromomethane	20.0	20.0		ug/L		100	31 - 120
Carbon disulfide	20.0	21.8		ug/L		109	71 - 128
Carbon tetrachloride	20.0	22.2		ug/L		111	72 - 135
Chlorobenzene	20.0	19.8		ug/L		99	84 - 120
Chloroethane	20.0	20.0		ug/L		100	72 - 129
Chloroform	20.0	19.9		ug/L		100	79 - 120
Chloromethane	20.0	24.2		ug/L		121	36 - 148
cis-1,2-Dichloroethene	20.0	22.3		ug/L		112	81 - 120
cis-1,3-Dichloropropene	20.0	21.9		ug/L		110	76 - 125
Dibromochloromethane	20.0	23.3		ug/L		116	82 - 120
Dibromomethane	20.0	19.2		ug/L		96	85 - 120
Dichlorodifluoromethane	20.0	19.7		ug/L		98	52 - 147
Diethyl ether	20.0	21.3		ug/L		107	71 - 127
Di-isopropyl ether (DIPE)	20.0	29.7	*+	ug/L		148	70 - 132
Ethanol	200	201		ug/L		101	48 - 163
Ethylbenzene	20.0	20.4		ug/L		102	81 - 120
Ethylene Dibromide	20.0	25.5	*+	ug/L		127	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	24.3		ug/L		122	68 - 126
Isopropylbenzene	20.0	20.8		ug/L		104	80 - 122
m,p-Xylene	40.0	41.1		ug/L		103	79 - 122
Methylene Chloride	20.0	21.6		ug/L		108	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	19.6		ug/L		98	70 - 124
MIBK	20.0	24.1		ug/L		120	57 - 133
Naphthalene	20.0	17.4		ug/L		87	64 - 124
n-Butylbenzene	20.0	19.1		ug/L		95	78 - 127
N-Propylbenzene	20.0	20.9		ug/L		105	80 - 121

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-753100/1003

Matrix: Water

Analysis Batch: 753100

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	20.0	20.8		ug/L		104	81 - 120
p-Isopropyltoluene	20.0	19.8		ug/L		99	81 - 124
sec-Butylbenzene	20.0	21.4		ug/L		107	80 - 123
Styrene	20.0	19.9		ug/L		99	82 - 120
tert-Amyl alcohol	100	108		ug/L		108	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	19.5		ug/L		97	71 - 121
tert-Butyl alcohol (TBA)	100	113		ug/L		113	68 - 128
tert-Butylbenzene	20.0	20.7		ug/L		104	80 - 124
Tetrachloroethene	20.0	21.7		ug/L		109	78 - 126
Toluene	20.0	19.8		ug/L		99	82 - 120
trans-1,2-Dichloroethene	20.0	21.7		ug/L		109	79 - 122
trans-1,3-Dichloropropene	20.0	24.4		ug/L		122	73 - 127
Trichloroethene	20.0	19.3		ug/L		96	83 - 120
Trichlorofluoromethane	20.0	19.8		ug/L		99	74 - 135
Vinyl acetate	20.0	21.0		ug/L		105	56 - 135
Vinyl chloride	20.0	20.7		ug/L		103	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	109		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-753100/4

Matrix: Water

Analysis Batch: 753100

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	22.5		ug/L		112	83 - 120	3	20
1,1,1-Trichloroethane	20.0	20.6		ug/L		103	78 - 123	3	20
1,1,2,2-Tetrachloroethane	20.0	21.5		ug/L		108	74 - 125	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.9		ug/L		94	72 - 130	5	20
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	82 - 120	2	20
1,1-Dichloroethane	20.0	23.7		ug/L		118	79 - 122	2	20
1,1-Dichloroethene	20.0	21.3		ug/L		107	74 - 127	3	20
1,1-Dichloropropene	20.0	19.7		ug/L		99	75 - 124	5	20
1,2,3-Trichlorobenzene	20.0	18.1		ug/L		90	71 - 126	0	20
1,2,3-Trichloropropane	20.0	20.6		ug/L		103	73 - 121	3	20
1,2,4-Trichlorobenzene	20.0	18.1		ug/L		91	70 - 130	1	20
1,2,4-Trimethylbenzene	20.0	18.2		ug/L		91	80 - 125	1	20
1,2-Dibromo-3-Chloropropane	20.0	23.4		ug/L		117	64 - 127	5	20
1,2-Dichlorobenzene	20.0	20.2		ug/L		101	78 - 122	0	20
1,2-Dichloroethane	20.0	20.7		ug/L		103	76 - 123	2	20
1,2-Dichloropropane	20.0	22.9		ug/L		115	82 - 120	2	20
1,3,5-Trimethylbenzene	20.0	18.6		ug/L		93	79 - 124	4	20
1,3-Dichlorobenzene	20.0	20.0		ug/L		100	81 - 120	3	20
1,3-Dichloropropane	20.0	20.9		ug/L		105	82 - 120	2	20
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	78 - 121	0	20

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-753100/4

Matrix: Water

Analysis Batch: 753100

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
2,2-Dichloropropane	20.0	20.4		ug/L		102	69 - 133	5	20
2-Butanone	20.0	31.5	*+	ug/L		158	55 - 142	7	21
2-Chlorotoluene	20.0	19.1		ug/L		96	80 - 120	5	20
2-Hexanone	20.0	30.4	*+	ug/L		152	54 - 138	0	21
4-Chlorotoluene	20.0	19.7		ug/L		98	80 - 121	4	20
Acetone	20.0	27.5		ug/L		137	50 - 157	1	26
Benzene	20.0	21.0		ug/L		105	80 - 120	2	20
Bromobenzene	20.0	19.9		ug/L		99	80 - 120	3	20
Bromochloromethane	20.0	20.3		ug/L		102	83 - 123	2	20
Bromodichloromethane	20.0	21.3		ug/L		107	83 - 120	0	20
Bromoform	20.0	24.5		ug/L		122	75 - 128	2	20
Bromomethane	20.0	18.8		ug/L		94	31 - 120	6	22
Carbon disulfide	20.0	21.0		ug/L		105	71 - 128	4	20
Carbon tetrachloride	20.0	21.0		ug/L		105	72 - 135	6	20
Chlorobenzene	20.0	19.3		ug/L		96	84 - 120	3	20
Chloroethane	20.0	19.4		ug/L		97	72 - 129	3	20
Chloroform	20.0	19.7		ug/L		99	79 - 120	1	20
Chloromethane	20.0	23.8		ug/L		119	36 - 148	2	20
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	81 - 120	6	20
cis-1,3-Dichloropropene	20.0	21.6		ug/L		108	76 - 125	2	20
Dibromochloromethane	20.0	23.1		ug/L		115	82 - 120	1	20
Dibromomethane	20.0	19.3		ug/L		97	85 - 120	0	20
Dichlorodifluoromethane	20.0	19.6		ug/L		98	52 - 147	0	20
Diethyl ether	20.0	22.1		ug/L		111	71 - 127	4	20
Di-isopropyl ether (DIPE)	20.0	29.2	*+	ug/L		146	70 - 132	2	20
Ethanol	200	213		ug/L		107	48 - 163	6	30
Ethylbenzene	20.0	19.4		ug/L		97	81 - 120	5	20
Ethylene Dibromide	20.0	25.2	*+	ug/L		126	81 - 120	1	20
Ethyl-t-butyl ether (ETBE)	20.0	24.1		ug/L		121	68 - 126	1	20
Isopropylbenzene	20.0	19.8		ug/L		99	80 - 122	5	20
m,p-Xylene	40.0	38.9		ug/L		97	79 - 122	6	20
Methylene Chloride	20.0	21.1		ug/L		105	76 - 120	2	20
Methyl-t-Butyl Ether (MTBE)	20.0	20.5		ug/L		103	70 - 124	5	20
MIBK	20.0	24.4		ug/L		122	57 - 133	1	20
Naphthalene	20.0	18.5		ug/L		92	64 - 124	6	20
n-Butylbenzene	20.0	18.6		ug/L		93	78 - 127	2	20
N-Propylbenzene	20.0	19.9		ug/L		100	80 - 121	5	20
o-Xylene	20.0	20.1		ug/L		101	81 - 120	3	20
p-Isopropyltoluene	20.0	19.1		ug/L		96	81 - 124	3	20
sec-Butylbenzene	20.0	20.4		ug/L		102	80 - 123	5	20
Styrene	20.0	19.2		ug/L		96	82 - 120	3	20
tert-Amyl alcohol	100	115		ug/L		115	30 - 157	6	30
Tert-amyl-methyl ether (TAME)	20.0	19.1		ug/L		96	71 - 121	2	20
tert-Butyl alcohol (TBA)	100	117		ug/L		117	68 - 128	3	20
tert-Butylbenzene	20.0	19.8		ug/L		99	80 - 124	5	20
Tetrachloroethene	20.0	20.6		ug/L		103	78 - 126	5	20
Toluene	20.0	19.4		ug/L		97	82 - 120	2	20
trans-1,2-Dichloroethene	20.0	21.3		ug/L		107	79 - 122	2	20
trans-1,3-Dichloropropene	20.0	24.7		ug/L		124	73 - 127	1	20

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-753100/4

Matrix: Water

Analysis Batch: 753100

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
Trichloroethene	20.0	19.7		ug/L		98	83 - 120	2	20
Trichlorofluoromethane	20.0	18.9		ug/L		95	74 - 135	4	20
Vinyl acetate	20.0	22.4		ug/L		112	56 - 135	7	24
Vinyl chloride	20.0	19.6		ug/L		98	68 - 131	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	111		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: MB 570-754424/5

Matrix: Water

Analysis Batch: 754424

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isobutyl alcohol	<75		75	ug/L			06/15/26 17:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		80 - 120		06/15/26 17:54	1
4-Bromofluorobenzene (Surr)	101		80 - 120		06/15/26 17:54	1
Dibromofluoromethane (Surr)	103		80 - 120		06/15/26 17:54	1
Toluene-d8 (Surr)	98		80 - 120		06/15/26 17:54	1

Lab Sample ID: LCS 570-754424/1002

Matrix: Water

Analysis Batch: 754424

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 570-754424/3

Matrix: Water

Analysis Batch: 754424

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		80 - 120
4-Bromofluorobenzene (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	101		80 - 120

QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-750843/1-A
Matrix: Water
Analysis Batch: 753197

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 750843

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>			<i>N/A</i>	<i>06/08/26 12:55</i>	<i>06/12/26 11:23</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	60		33 - 139				06/08/26 12:55	06/12/26 11:23	1
2-Fluorobiphenyl (Surr)	70		33 - 126				06/08/26 12:55	06/12/26 11:23	1
2-Fluorophenol (Surr)	55		12 - 120				06/08/26 12:55	06/12/26 11:23	1
Nitrobenzene-d5 (Surr)	94		36 - 120				06/08/26 12:55	06/12/26 11:23	1
Phenol-d6 (Surr)	33		10 - 120				06/08/26 12:55	06/12/26 11:23	1
p-Terphenyl-d14 (Surr)	84		47 - 131				06/08/26 12:55	06/12/26 11:23	1

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

Lab Sample ID: MB 570-750843/1-A
Matrix: Water
Analysis Batch: 751912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 750843

<i>Analyte</i>	<i>Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>RL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1-Methylnaphthalene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
2-Methylnaphthalene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Acenaphthene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Acenaphthylene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Anthracene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Benzo[a]anthracene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Benzo[a]pyrene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Chrysene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Fluoranthene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Fluorene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Naphthalene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Phenanthrene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
Pyrene	<0.20		0.20	ug/L		06/08/26 12:55	06/10/26 07:09	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	77		28 - 127			06/08/26 12:55	06/10/26 07:09	1
2-Fluorobiphenyl (Surr)	72		31 - 120			06/08/26 12:55	06/10/26 07:09	1
2-Fluorophenol (Surr)	47		17 - 120			06/08/26 12:55	06/10/26 07:09	1
Nitrobenzene-d5 (Surr)	70		27 - 120			06/08/26 12:55	06/10/26 07:09	1
Phenol-d6 (Surr)	29		10 - 120			06/08/26 12:55	06/10/26 07:09	1
p-Terphenyl-d14 (Surr)	93		45 - 120			06/08/26 12:55	06/10/26 07:09	1

QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-750843/2-A

Matrix: Water

Analysis Batch: 751912

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 750843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.7		ug/L		74	47 - 120
2-Methylnaphthalene	20.0	13.1		ug/L		65	43 - 120
Acenaphthene	20.0	13.0		ug/L		65	60 - 132
Acenaphthylene	20.0	8.41	*-	ug/L		42	54 - 126
Anthracene	20.0	14.2		ug/L		71	43 - 120
Benzo[a]anthracene	20.0	16.9		ug/L		85	42 - 133
Benzo[a]pyrene	20.0	15.5		ug/L		77	32 - 148
Benzo[b]fluoranthene	20.0	16.7		ug/L		83	42 - 140
Benzo[g,h,i]perylene	20.0	15.5		ug/L		78	1 - 195
Benzo[k]fluoranthene	20.0	16.7		ug/L		84	25 - 146
Chrysene	20.0	16.9		ug/L		84	44 - 140
Dibenz(a,h)anthracene	20.0	18.6		ug/L		93	1 - 200
Fluoranthene	20.0	16.1		ug/L		81	43 - 121
Fluorene	20.0	15.4		ug/L		77	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	16.9		ug/L		84	1 - 151
Naphthalene	20.0	12.4		ug/L		62	36 - 120
Phenanthrene	20.0	16.8		ug/L		84	65 - 120
Pyrene	20.0	16.4		ug/L		82	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	80		28 - 127
2-Fluorobiphenyl (Surr)	72		31 - 120
2-Fluorophenol (Surr)	33		17 - 120
Nitrobenzene-d5 (Surr)	58		27 - 120
Phenol-d6 (Surr)	18		10 - 120
p-Terphenyl-d14 (Surr)	84		45 - 120

Lab Sample ID: LCSD 570-750843/3-A

Matrix: Water

Analysis Batch: 751912

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 750843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	15.9		ug/L		79	47 - 120	8	20
2-Methylnaphthalene	20.0	14.5		ug/L		72	43 - 120	10	20
Acenaphthene	20.0	17.6	*1	ug/L		88	60 - 132	30	29
Acenaphthylene	20.0	16.8	*1	ug/L		84	54 - 126	66	45
Anthracene	20.0	17.5		ug/L		88	43 - 120	20	40
Benzo[a]anthracene	20.0	18.3		ug/L		92	42 - 133	8	32
Benzo[a]pyrene	20.0	16.4		ug/L		82	32 - 148	6	43
Benzo[b]fluoranthene	20.0	18.1		ug/L		91	42 - 140	8	43
Benzo[g,h,i]perylene	20.0	19.7		ug/L		98	1 - 195	24	61
Benzo[k]fluoranthene	20.0	17.7		ug/L		88	25 - 146	5	38
Chrysene	20.0	18.0		ug/L		90	44 - 140	6	53
Dibenz(a,h)anthracene	20.0	19.2		ug/L		96	1 - 200	3	75
Fluoranthene	20.0	16.7		ug/L		83	43 - 121	3	40
Fluorene	20.0	17.3		ug/L		86	70 - 120	11	23
Indeno[1,2,3-cd]pyrene	20.0	19.5		ug/L		98	1 - 151	15	60
Naphthalene	20.0	14.5		ug/L		73	36 - 120	16	39

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-750843/3-A

Matrix: Water

Analysis Batch: 751912

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 750843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	18.4		ug/L		92	65 - 120	9	24
Pyrene	20.0	17.9		ug/L		89	70 - 120	9	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	81		28 - 127
2-Fluorobiphenyl (Surr)	88		31 - 120
2-Fluorophenol (Surr)	44		17 - 120
Nitrobenzene-d5 (Surr)	69		27 - 120
Phenol-d6 (Surr)	31		10 - 120
p-Terphenyl-d14 (Surr)	88		45 - 120

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

Lab Sample ID: MB 570-753981/6

Matrix: Water

Analysis Batch: 753981

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			06/14/26 14:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		38 - 134		06/14/26 14:19	1

Lab Sample ID: LCS 570-753981/3

Matrix: Water

Analysis Batch: 753981

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	366		ug/L		91	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		38 - 134

Lab Sample ID: LCSD 570-753981/4

Matrix: Water

Analysis Batch: 753981

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	361		ug/L		90	78 - 120	1	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		38 - 134

QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-753981/5
Matrix: Water
Analysis Batch: 753981

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	13.6		ug/L		136	50 - 150
Surrogate	%Recovery	MRL Qualifier	MRL	Limits			
4-Bromofluorobenzene (Surr)	93			38 - 134			

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

Lab Sample ID: MB 570-750350/1-A
Matrix: Water
Analysis Batch: 753970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 750350

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics (C10-C24)	<25		25	ug/L		06/07/26 09:28	06/14/26 12:57	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		06/07/26 09:28	06/14/26 12:57	1
C8-C18	<25		25	ug/L		06/07/26 09:28	06/14/26 12:57	1
Surrogate	MB	MB	Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
n-Octacosane (Surr)	110		60 - 130			06/07/26 09:28	06/14/26 12:57	1

Lab Sample ID: LCS 570-750350/2-A
Matrix: Water
Analysis Batch: 753970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1690		ug/L		105	56 - 127
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
n-Octacosane (Surr)	110			60 - 130			

Lab Sample ID: LCSD 570-750350/3-A
Matrix: Water
Analysis Batch: 753970

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 750350

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1420		ug/L		89	56 - 127	17	23
Surrogate	%Recovery	LCSD Qualifier	LCSD	Limits					
n-Octacosane (Surr)	97			60 - 130					

Lab Sample ID: MRL 570-750350/4-A
Matrix: Water
Analysis Batch: 753970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750350

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	<0.020		mg/L		97	50 - 150

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QC Sample Results

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-750350/4-A
Matrix: Water
Analysis Batch: 753970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 750350

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

Lab Sample ID: 380-217867-1 MS
Matrix: Water
Analysis Batch: 753970

Client Sample ID: BWS2153-S1-AQ
Prep Type: Total/NA
Prep Batch: 750350

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		1630	1610		ug/L		99	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
n-Octacosane (Surr)	106		60 - 130						

Lab Sample ID: 380-217867-1 MSD
Matrix: Water
Analysis Batch: 753970

Client Sample ID: BWS2153-S1-AQ
Prep Type: Total/NA
Prep Batch: 750350

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1620	1720		ug/L		106	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane (Surr)	108		60 - 130								

QC Association Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 753100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	8260B	
380-217867-2	BWS2153-S1-TB	Total/NA	Water	8260B	
MB 570-753100/6	Method Blank	Total/NA	Water	8260B	
LCS 570-753100/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-753100/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 754424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	8260B	
380-217867-2	BWS2153-S1-TB	Total/NA	Water	8260B	
MB 570-754424/5	Method Blank	Total/NA	Water	8260B	
LCS 570-754424/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-754424/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 750843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	625.1	
MB 570-750843/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-750843/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-750843/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 751912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	625.1 SIM	750843
MB 570-750843/1-A	Method Blank	Total/NA	Water	625.1 SIM	750843
LCS 570-750843/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	750843
LCSD 570-750843/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	750843

Analysis Batch: 753197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	625.1	750843
MB 570-750843/1-A	Method Blank	Total/NA	Water	625.1	750843

GC VOA

Analysis Batch: 753981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	8015B GRO LL	
380-217867-2	BWS2153-S1-TB	Total/NA	Water	8015B GRO LL	
MB 570-753981/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-753981/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-753981/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-753981/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 750350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	3510C	
MB 570-750350/1-A	Method Blank	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA (Continued)

Prep Batch: 750350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-750350/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-750350/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-750350/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-217867-1 MS	BWS2153-S1-AQ	Total/NA	Water	3510C	
380-217867-1 MSD	BWS2153-S1-AQ	Total/NA	Water	3510C	

Analysis Batch: 753970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-217867-1	BWS2153-S1-AQ	Total/NA	Water	8015B	750350
MB 570-750350/1-A	Method Blank	Total/NA	Water	8015B	750350
LCS 570-750350/2-A	Lab Control Sample	Total/NA	Water	8015B	750350
LCSD 570-750350/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	750350
MRL 570-750350/4-A	Lab Control Sample	Total/NA	Water	8015B	750350
380-217867-1 MS	BWS2153-S1-AQ	Total/NA	Water	8015B	750350
380-217867-1 MSD	BWS2153-S1-AQ	Total/NA	Water	8015B	750350

Lab Chronicle

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2153-S1-AQ

Lab Sample ID: 380-217867-1

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	754424	GC3Z	EET CAL 4	06/15/26 21:45
Total/NA	Analysis	8260B		1	753100	N5PD	EET CAL 4	06/12/26 09:36
Total/NA	Prep	625.1			750843	KLZQ	EET CAL 4	06/08/26 12:55
Total/NA	Analysis	625.1		1	753197	J7WE	EET CAL 4	06/12/26 16:58
Total/NA	Prep	625.1			750843	KLZQ	EET CAL 4	06/08/26 12:55
Total/NA	Analysis	625.1 SIM		1	751912	PQS1	EET CAL 4	06/10/26 14:01
Total/NA	Analysis	8015B GRO LL		1	753981	YD9V	EET CAL 4	06/14/26 16:58
Total/NA	Prep	3510C			750350	TVD6	EET CAL 4	06/07/26 09:31
Total/NA	Analysis	8015B		1	753970	H6FE	EET CAL 4	06/14/26 20:46

Client Sample ID: BWS2153-S1-TB

Lab Sample ID: 380-217867-2

Date Collected: 06/03/26 08:30

Matrix: Water

Date Received: 06/04/26 09:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	754424	GC3Z	EET CAL 4	06/15/26 21:02
Total/NA	Analysis	8260B		1	753100	N5PD	EET CAL 4	06/12/26 09:14
Total/NA	Analysis	8015B GRO LL		1	753981	YD9V	EET CAL 4	06/14/26 21:12

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: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Laboratory: Eurofins Calscience

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
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	06-15-26
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: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET CAL 4
625.1 SIM	Semivolatile Organic Compounds GC/MS (SIM)	EPA	EET CAL 4
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
625.1	Liquid-Liquid Extraction	40CFR136A	EET CAL 4

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

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

Job ID: 380-217867-1
SDG: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-217867-1	BWS2153-S1-AQ	Water	06/03/26 08:30	06/04/26 09:35	Hawaii
380-217867-2	BWS2153-S1-TB	Water	06/03/26 08:30	06/04/26 09:35	Hawaii

Chain of Custody Record



380-217867 COC

Client Information Client Contact: Mr Erwin Kawata Phone: (808) 321-0683 City & County of Honolulu		Lab PM: Lopez Maria E-Mail: Maria.Lopez@et.eurofinsus.com State of Origin: Hawaii		Carrier Tracking No(s): Page: Page 1 of 1 Job #:		COC No:																			
PWSID:		Analysis Requested																							
Due Date Requested TAT Requested (days): Standard Compliance Project: ☐ Yes ☒ No PO #:		Preservation Codes: A - HCL N - None																							
WO #:		Other:																							
Project #: 38000861 Project Name: INTERA - Red-Hill-Incident Site: S1		Special Instructions/Note:																							
Sample Identification BWS2153-S1-AQ BWS2153-S1-TB		Sample Date 6/13/26 6/13/26		Sample Time 8:30 8:30		Sample Type (C=Comp, G=grab) G G		Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking water) Water Water		Field Filtered Sample (Yes or No) No No		Perform MS/MSD (Yes or No) No No		8260B - (MOD) Super Volatiles List 4 2		8016B - GRO_LL - (MOD) GRO 4 2		8016B - DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18 N 2		625.1, 626.1, SIM N 2		Total Number of Containers 2 2		Special Instructions/Note: LAB FILLED TRIP BLANKS	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																							
Deliverable Requested I II III IV, Other (specify)		Special Instructions/QC Requirements.																							
Empty Kit Relinquished by:		Date: 6/13/26 14:00		Time:		Method of Shipment: FEDEX																			
Relinquished by:		Date/Time: 6/13/26 14:00		Received by:		Date/Time: 6/14/26 09:35		Company: INTERA		Company:															
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:		Company:															
Relinquished by:		Date/Time:		Received by:		Date/Time:		Company:		Company:															
Custody Seals Intact: ☒ Yes ☐ No		Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: 630A 44-0.1-4.3 ICE		Date/Time:		Date/Time:		Date/Time:															

Chain of Custody Record



380-217867 COC

[illegible]

Chain of Custody Record



Loc: 380
217867

[illegible]

Chain of Custody Record



Loc: 380
217867

[illegible]

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-217867-1

SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 217867

List Number: 1

Creator: Tran, Kristine

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
CIO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-217867-1

SDG Number: Site S1 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 217867

List Number: 2

Creator: Khana, Piyush

List Source: Eurofins Calscience

List Creation: 06/04/26 06:58 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	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	