

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-202454-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



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Definitions/Glossary

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

Job ID: 380-202454-1
SDG: Site H1 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 TICs

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

GC VOA

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

GC Semi VOA

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

Glossary

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

Case Narrative

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

Job ID: 380-202454-1

Job ID: 380-202454-1

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Job Narrative 380-202454-1

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 3/11/2026 9:30 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 4.2°C.

GC/MS VOA

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-711798. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8260B: The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 570-711798 recovered outside control limits for the following analytes: 2-Butanone. This analyte was biased high in the LCS and was 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

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: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-202454-1

No Detections.

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-202454-2

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: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-202454-1

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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			03/19/26 22:33	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			03/19/26 22:33	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/19/26 22:33	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/19/26 22:33	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/19/26 22:33	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/19/26 22:33	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 22:33	1
2-Butanone	<10	*+	10	ug/L			03/19/26 22:33	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 22:33	1
2-Hexanone	<10		10	ug/L			03/19/26 22:33	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 22:33	1
Acetone	<10		10	ug/L			03/19/26 22:33	1
Benzene	<0.50		0.50	ug/L			03/19/26 22:33	1
Bromobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
Bromochloromethane	<2.0		2.0	ug/L			03/19/26 22:33	1
Bromodichloromethane	<1.0		1.0	ug/L			03/19/26 22:33	1
Bromoform	<5.0		5.0	ug/L			03/19/26 22:33	1
Bromomethane	<10		10	ug/L			03/19/26 22:33	1
Carbon disulfide	<10		10	ug/L			03/19/26 22:33	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/19/26 22:33	1
Chlorobenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
Chloroethane	<5.0		5.0	ug/L			03/19/26 22:33	1
Chloroform	<1.0		1.0	ug/L			03/19/26 22:33	1
Chloromethane	<10		10	ug/L			03/19/26 22:33	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 22:33	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 22:33	1
Dibromochloromethane	<2.0		2.0	ug/L			03/19/26 22:33	1
Dibromomethane	<1.0		1.0	ug/L			03/19/26 22:33	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/19/26 22:33	1
Diethyl ether	<10		10	ug/L			03/19/26 22:33	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/19/26 22:33	1
Ethanol	<100		100	ug/L			03/19/26 22:33	1
Ethylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/19/26 22:33	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			03/19/26 22:33	1

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Client Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-202454-1

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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			03/19/26 22:33	1
Hexane	<5.0		5.0	ug/L			03/19/26 22:33	1
Isobutyl alcohol	<75		75	ug/L			03/19/26 22:33	1
Isopropanol	<75		75	ug/L			03/19/26 22:33	1
Isopropylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
m,p-Xylene	<2.0		2.0	ug/L			03/19/26 22:33	1
Methylene Chloride	<10		10	ug/L			03/19/26 22:33	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/19/26 22:33	1
MIBK	<10		10	ug/L			03/19/26 22:33	1
Naphthalene	<10		10	ug/L			03/19/26 22:33	1
n-Butylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
N-Propylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
o-Xylene	<1.0		1.0	ug/L			03/19/26 22:33	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/19/26 22:33	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
Styrene	<1.0		1.0	ug/L			03/19/26 22:33	1
tert-Amyl alcohol	<50		50	ug/L			03/19/26 22:33	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/19/26 22:33	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/19/26 22:33	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/19/26 22:33	1
Tetrachloroethene	<1.0		1.0	ug/L			03/19/26 22:33	1
Toluene	<1.0		1.0	ug/L			03/19/26 22:33	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 22:33	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 22:33	1
Trichloroethene	<1.0		1.0	ug/L			03/19/26 22:33	1
Trichlorofluoromethane	<10		10	ug/L			03/19/26 22:33	1
Vinyl acetate	<10		10	ug/L			03/19/26 22:33	1
Vinyl chloride	<0.50		0.50	ug/L			03/19/26 22:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		80 - 120		03/19/26 22:33	1
4-Bromofluorobenzene (Surr)	98		80 - 120		03/19/26 22:33	1
Dibromofluoromethane (Surr)	108		80 - 120		03/19/26 22:33	1
Toluene-d8 (Surr)	109		80 - 120		03/19/26 22:33	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		03/11/26 20:59	03/14/26 08:19	1
2-Methylnaphthalene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Acenaphthene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Acenaphthylene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Anthracene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Benzo[a]anthracene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Benzo[a]pyrene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Chrysene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Dibenz[a,h]anthracene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Fluoranthene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1

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Client Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-202454-1

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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		03/11/26 20:59	03/14/26 08:19	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Naphthalene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Phenanthrene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1
Pyrene	<0.19		0.19	ug/L		03/11/26 20:59	03/14/26 08:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		28 - 127	03/11/26 20:59	03/14/26 08:19	1
2-Fluorobiphenyl (Surr)	79		31 - 120	03/11/26 20:59	03/14/26 08:19	1
2-Fluorophenol (Surr)	50		17 - 120	03/11/26 20:59	03/14/26 08:19	1
Nitrobenzene-d5 (Surr)	79		27 - 120	03/11/26 20:59	03/14/26 08:19	1
Phenol-d6 (Surr)	30		10 - 120	03/11/26 20:59	03/14/26 08:19	1
p-Terphenyl-d14 (Surr)	94		45 - 120	03/11/26 20:59	03/14/26 08:19	1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Butylated Hydroxytoluene	9.3	T J N	ug/L		6.68	128-37-0	03/11/26 20:59	03/25/26 05:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		33 - 139	03/11/26 20:59	03/25/26 05:41	1
2-Fluorobiphenyl (Surr)	87		33 - 126	03/11/26 20:59	03/25/26 05:41	1
2-Fluorophenol (Surr)	50		12 - 120	03/11/26 20:59	03/25/26 05:41	1
Nitrobenzene-d5 (Surr)	83		36 - 120	03/11/26 20:59	03/25/26 05:41	1
Phenol-d6 (Surr)	31		10 - 120	03/11/26 20:59	03/25/26 05:41	1
p-Terphenyl-d14 (Surr)	91		47 - 131	03/11/26 20:59	03/25/26 05:41	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			03/21/26 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		38 - 134		03/21/26 13:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26	ug/L		03/12/26 10:24	03/24/26 01:20	1
Motor Oil Range Organics [C24-C36]	<26		26	ug/L		03/12/26 10:24	03/24/26 01:20	1
C8-C18	<26		26	ug/L		03/12/26 10:24	03/24/26 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	118		60 - 130	03/12/26 10:24	03/24/26 01:20	1

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-202454-2

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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			03/19/26 21:26	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/19/26 21:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/19/26 21:26	1

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Client Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-202454-2

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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			03/19/26 21:26	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/19/26 21:26	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/19/26 21:26	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/19/26 21:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/19/26 21:26	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/19/26 21:26	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 21:26	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/19/26 21:26	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 21:26	1
2-Butanone	<10	+	10	ug/L			03/19/26 21:26	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 21:26	1
2-Hexanone	<10		10	ug/L			03/19/26 21:26	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 21:26	1
Acetone	<10		10	ug/L			03/19/26 21:26	1
Benzene	<0.50		0.50	ug/L			03/19/26 21:26	1
Bromobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
Bromochloromethane	<2.0		2.0	ug/L			03/19/26 21:26	1
Bromodichloromethane	<1.0		1.0	ug/L			03/19/26 21:26	1
Bromoform	<5.0		5.0	ug/L			03/19/26 21:26	1
Bromomethane	<10		10	ug/L			03/19/26 21:26	1
Carbon disulfide	<10		10	ug/L			03/19/26 21:26	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/19/26 21:26	1
Chlorobenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
Chloroethane	<5.0		5.0	ug/L			03/19/26 21:26	1
Chloroform	<1.0		1.0	ug/L			03/19/26 21:26	1
Chloromethane	<10		10	ug/L			03/19/26 21:26	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 21:26	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 21:26	1
Dibromochloromethane	<2.0		2.0	ug/L			03/19/26 21:26	1
Dibromomethane	<1.0		1.0	ug/L			03/19/26 21:26	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/19/26 21:26	1
Diethyl ether	<10		10	ug/L			03/19/26 21:26	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/19/26 21:26	1
Ethanol	<100		100	ug/L			03/19/26 21:26	1
Ethylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/19/26 21:26	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			03/19/26 21:26	1
Hexachloro-1,3-butadiene	<10		10	ug/L			03/19/26 21:26	1
Hexane	<5.0		5.0	ug/L			03/19/26 21:26	1
Isobutyl alcohol	<75		75	ug/L			03/19/26 21:26	1

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Client Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-202454-2

Date Collected: 03/10/26 09:15

Matrix: Water

Date Received: 03/11/26 09:30

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			03/19/26 21:26	1
Isopropylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
m,p-Xylene	<2.0		2.0	ug/L			03/19/26 21:26	1
Methylene Chloride	<10		10	ug/L			03/19/26 21:26	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/19/26 21:26	1
MIBK	<10		10	ug/L			03/19/26 21:26	1
Naphthalene	<10		10	ug/L			03/19/26 21:26	1
n-Butylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
N-Propylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
o-Xylene	<1.0		1.0	ug/L			03/19/26 21:26	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/19/26 21:26	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
Styrene	<1.0		1.0	ug/L			03/19/26 21:26	1
tert-Amyl alcohol	<50		50	ug/L			03/19/26 21:26	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/19/26 21:26	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/19/26 21:26	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/19/26 21:26	1
Tetrachloroethene	<1.0		1.0	ug/L			03/19/26 21:26	1
Toluene	<1.0		1.0	ug/L			03/19/26 21:26	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 21:26	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 21:26	1
Trichloroethene	<1.0		1.0	ug/L			03/19/26 21:26	1
Trichlorofluoromethane	<10		10	ug/L			03/19/26 21:26	1
Vinyl acetate	<10		10	ug/L			03/19/26 21:26	1
Vinyl chloride	<0.50		0.50	ug/L			03/19/26 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120		03/19/26 21:26	1
4-Bromofluorobenzene (Surr)	95		80 - 120		03/19/26 21:26	1
Dibromofluoromethane (Surr)	106		80 - 120		03/19/26 21:26	1
Toluene-d8 (Surr)	111		80 - 120		03/19/26 21:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			03/20/26 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		38 - 134		03/20/26 19:53	1

Action Limit Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-202454-1

Compliance Check

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

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

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-202454-2

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: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-202454-2

Compliance Check

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

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

Surrogate Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
380-202454-1	BWS2253-H1-AQ	115	98	108	109
380-202454-2	BWS2253-H1-TB	110	95	106	111
LCS 570-711798/1004	Lab Control Sample	115	101	108	103
LCSD 570-711798/6	Lab Control Sample Dup	118	101	111	104
MB 570-711798/8	Method Blank	109	95	105	111

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)
380-202454-1	BWS2253-H1-AQ	86	87	50	83	31	91

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)
380-202454-1	BWS2253-H1-AQ	79	79	50	79	30	94
LCS 570-707349/2-A	Lab Control Sample	83	82	60	70	38	91
LCSD 570-707349/3-A	Lab Control Sample Dup	79	77	59	68	39	90
MB 570-707349/1-A	Method Blank	82	83	56	84	35	96

Surrogate Legend

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

Surrogate Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-202454-1	BWS2253-H1-AQ	87
380-202454-1 MS	BWS2253-H1-AQ	85
380-202454-1 MSD	BWS2253-H1-AQ	89
380-202454-2	BWS2253-H1-TB	89
570-271432-A-4 MSD	Matrix Spike Duplicate	89
570-271432-C-4 MS	Matrix Spike	90
LCS 570-712273/3	Lab Control Sample	83
LCS 570-712696/3	Lab Control Sample	83
LCSD 570-712273/4	Lab Control Sample Dup	92
LCSD 570-712696/4	Lab Control Sample Dup	90
MB 570-712273/6	Method Blank	86
MB 570-712696/5	Method Blank	90
MRL 570-712273/5	Lab Control Sample	87
MRL 570-712696/6	Lab Control Sample	83
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)
380-202454-1 - RA	BWS2253-H1-AQ	118
380-202475-B-1-B MS	Matrix Spike	104
380-202475-B-1-C MSD	Matrix Spike Duplicate	105
LCS 570-708139/2-A	Lab Control Sample	107
LCSD 570-708139/3-A	Lab Control Sample Dup	96
MB 570-708139/1-A	Method Blank	107
MRL 570-708139/4-A	Lab Control Sample	103
Surrogate Legend		
OTCSN = n-Octacosane (Surr)		

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-711798/8

Matrix: Water

Analysis Batch: 711798

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			03/19/26 19:57	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			03/19/26 19:57	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/19/26 19:57	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/19/26 19:57	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/19/26 19:57	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/19/26 19:57	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/19/26 19:57	1
2-Butanone	<10		10	ug/L			03/19/26 19:57	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 19:57	1
2-Hexanone	<10		10	ug/L			03/19/26 19:57	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/19/26 19:57	1
Acetone	<10		10	ug/L			03/19/26 19:57	1
Benzene	<0.50		0.50	ug/L			03/19/26 19:57	1
Bromobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
Bromochloromethane	<2.0		2.0	ug/L			03/19/26 19:57	1
Bromodichloromethane	<1.0		1.0	ug/L			03/19/26 19:57	1
Bromoform	<5.0		5.0	ug/L			03/19/26 19:57	1
Bromomethane	<10		10	ug/L			03/19/26 19:57	1
Carbon disulfide	<10		10	ug/L			03/19/26 19:57	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/19/26 19:57	1
Chlorobenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
Chloroethane	<5.0		5.0	ug/L			03/19/26 19:57	1
Chloroform	<1.0		1.0	ug/L			03/19/26 19:57	1
Chloromethane	<10		10	ug/L			03/19/26 19:57	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 19:57	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 19:57	1
Dibromochloromethane	<2.0		2.0	ug/L			03/19/26 19:57	1
Dibromomethane	<1.0		1.0	ug/L			03/19/26 19:57	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/19/26 19:57	1
Diethyl ether	<10		10	ug/L			03/19/26 19:57	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/19/26 19:57	1
Ethanol	<100		100	ug/L			03/19/26 19:57	1
Ethylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/19/26 19:57	1

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-711798/8

Matrix: Water

Analysis Batch: 711798

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			03/19/26 19:57	1
Hexachloro-1,3-butadiene	<10		10	ug/L			03/19/26 19:57	1
Hexane	<5.0		5.0	ug/L			03/19/26 19:57	1
Isobutyl alcohol	<75		75	ug/L			03/19/26 19:57	1
Isopropanol	<75		75	ug/L			03/19/26 19:57	1
Isopropylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
m,p-Xylene	<2.0		2.0	ug/L			03/19/26 19:57	1
Methylene Chloride	<10		10	ug/L			03/19/26 19:57	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/19/26 19:57	1
MIBK	<10		10	ug/L			03/19/26 19:57	1
Naphthalene	<10		10	ug/L			03/19/26 19:57	1
n-Butylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
N-Propylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
o-Xylene	<1.0		1.0	ug/L			03/19/26 19:57	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/19/26 19:57	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
Styrene	<1.0		1.0	ug/L			03/19/26 19:57	1
tert-Amyl alcohol	<50		50	ug/L			03/19/26 19:57	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/19/26 19:57	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/19/26 19:57	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/19/26 19:57	1
Tetrachloroethene	<1.0		1.0	ug/L			03/19/26 19:57	1
Toluene	<1.0		1.0	ug/L			03/19/26 19:57	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/19/26 19:57	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/19/26 19:57	1
Trichloroethene	<1.0		1.0	ug/L			03/19/26 19:57	1
Trichlorofluoromethane	<10		10	ug/L			03/19/26 19:57	1
Vinyl acetate	<10		10	ug/L			03/19/26 19:57	1
Vinyl chloride	<0.50		0.50	ug/L			03/19/26 19:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 120		03/19/26 19:57	1
4-Bromofluorobenzene (Surr)	95		80 - 120		03/19/26 19:57	1
Dibromofluoromethane (Surr)	105		80 - 120		03/19/26 19:57	1
Toluene-d8 (Surr)	111		80 - 120		03/19/26 19:57	1

Lab Sample ID: LCS 570-711798/1004

Matrix: Water

Analysis Batch: 711798

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	17.7		ug/L		88	83 - 120
1,1,1-Trichloroethane	20.0	20.7		ug/L		104	78 - 123
1,1,2,2-Tetrachloroethane	20.0	23.6		ug/L		118	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		105	72 - 130
1,1,2-Trichloroethane	20.0	22.3		ug/L		112	82 - 120
1,1-Dichloroethane	20.0	24.0		ug/L		120	79 - 122
1,1-Dichloroethene	20.0	20.8		ug/L		104	74 - 127

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-711798/1004

Matrix: Water

Analysis Batch: 711798

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	23.6		ug/L		118	75 - 124
1,2,3-Trichlorobenzene	20.0	18.7		ug/L		94	71 - 126
1,2,3-Trichloropropane	20.0	20.3		ug/L		102	73 - 121
1,2,4-Trichlorobenzene	20.0	19.7		ug/L		98	70 - 130
1,2,4-Trimethylbenzene	20.0	23.3		ug/L		117	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	21.4		ug/L		107	64 - 127
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	78 - 122
1,2-Dichloroethane	20.0	22.1		ug/L		111	76 - 123
1,2-Dichloropropane	20.0	24.0		ug/L		120	82 - 120
1,3,5-Trimethylbenzene	20.0	20.2		ug/L		101	79 - 124
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	81 - 120
1,3-Dichloropropane	20.0	22.6		ug/L		113	82 - 120
1,4-Dichlorobenzene	20.0	20.6		ug/L		103	78 - 121
2,2-Dichloropropane	20.0	19.8		ug/L		99	69 - 133
2-Butanone	20.0	30.0	+	ug/L		150	55 - 142
2-Chlorotoluene	20.0	21.3		ug/L		106	80 - 120
2-Hexanone	20.0	24.2		ug/L		121	54 - 138
4-Chlorotoluene	20.0	23.7		ug/L		119	80 - 121
Acetone	20.0	29.9		ug/L		150	50 - 157
Benzene	20.0	22.1		ug/L		111	80 - 120
Bromobenzene	20.0	19.0		ug/L		95	80 - 120
Bromochloromethane	20.0	21.6		ug/L		108	83 - 123
Bromodichloromethane	20.0	20.2		ug/L		101	83 - 120
Bromoform	20.0	20.7		ug/L		103	75 - 128
Bromomethane	20.0	19.1		ug/L		95	31 - 120
Carbon disulfide	20.0	21.9		ug/L		109	71 - 128
Carbon tetrachloride	20.0	20.4		ug/L		102	72 - 135
Chlorobenzene	20.0	20.0		ug/L		100	84 - 120
Chloroethane	20.0	20.9		ug/L		104	72 - 129
Chloroform	20.0	22.5		ug/L		112	79 - 120
Chloromethane	20.0	20.6		ug/L		103	36 - 148
cis-1,2-Dichloroethene	20.0	22.9		ug/L		115	81 - 120
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	76 - 125
Dibromochloromethane	20.0	18.0		ug/L		90	82 - 120
Dibromomethane	20.0	21.9		ug/L		109	85 - 120
Dichlorodifluoromethane	20.0	18.8		ug/L		94	52 - 147
Diethyl ether	20.0	22.2		ug/L		111	71 - 127
Di-isopropyl ether (DIPE)	20.0	24.0		ug/L		120	70 - 132
Ethanol	200	171		ug/L		85	48 - 163
Ethylbenzene	20.0	21.2		ug/L		106	81 - 120
Ethylene Dibromide	20.0	18.7		ug/L		94	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	21.9		ug/L		110	68 - 126
Isopropylbenzene	20.0	20.7		ug/L		103	80 - 122
m,p-Xylene	40.0	42.0		ug/L		105	79 - 122
Methylene Chloride	20.0	23.0		ug/L		115	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	21.6		ug/L		108	70 - 124
MIBK	20.0	21.7		ug/L		108	57 - 133
Naphthalene	20.0	18.5		ug/L		92	64 - 124
n-Butylbenzene	20.0	24.0		ug/L		120	78 - 127

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-711798/1004

Matrix: Water

Analysis Batch: 711798

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Propylbenzene	20.0	20.7		ug/L		103	80 - 121
o-Xylene	20.0	21.2		ug/L		106	81 - 120
p-Isopropyltoluene	20.0	21.4		ug/L		107	81 - 124
sec-Butylbenzene	20.0	22.7		ug/L		114	80 - 123
Styrene	20.0	20.3		ug/L		102	82 - 120
tert-Amyl alcohol	100	72.2		ug/L		72	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	19.6		ug/L		98	71 - 121
tert-Butyl alcohol (TBA)	100	93.6		ug/L		94	68 - 128
tert-Butylbenzene	20.0	21.2		ug/L		106	80 - 124
Tetrachloroethene	20.0	18.5		ug/L		93	78 - 126
Toluene	20.0	21.2		ug/L		106	82 - 120
trans-1,2-Dichloroethene	20.0	22.1		ug/L		110	79 - 122
trans-1,3-Dichloropropene	20.0	19.3		ug/L		96	73 - 127
Trichloroethene	20.0	20.7		ug/L		104	83 - 120
Trichlorofluoromethane	20.0	22.0		ug/L		110	74 - 135
Vinyl acetate	20.0	17.7		ug/L		89	56 - 135
Vinyl chloride	20.0	22.4		ug/L		112	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	115		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	108		80 - 120
Toluene-d8 (Surr)	103		80 - 120

Lab Sample ID: LCSD 570-711798/6

Matrix: Water

Analysis Batch: 711798

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	17.8		ug/L		89	83 - 120	1	20
1,1,1-Trichloroethane	20.0	20.0		ug/L		100	78 - 123	3	20
1,1,2,2-Tetrachloroethane	20.0	23.4		ug/L		117	74 - 125	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.9		ug/L		104	72 - 130	0	20
1,1,2-Trichloroethane	20.0	21.8		ug/L		109	82 - 120	2	20
1,1-Dichloroethane	20.0	23.8		ug/L		119	79 - 122	1	20
1,1-Dichloroethene	20.0	20.7		ug/L		103	74 - 127	1	20
1,1-Dichloropropene	20.0	23.1		ug/L		116	75 - 124	2	20
1,2,3-Trichlorobenzene	20.0	17.9		ug/L		89	71 - 126	5	20
1,2,3-Trichloropropane	20.0	20.4		ug/L		102	73 - 121	0	20
1,2,4-Trichlorobenzene	20.0	19.1		ug/L		95	70 - 130	3	20
1,2,4-Trimethylbenzene	20.0	23.0		ug/L		115	80 - 125	1	20
1,2-Dibromo-3-Chloropropane	20.0	20.6		ug/L		103	64 - 127	4	20
1,2-Dichlorobenzene	20.0	21.5		ug/L		107	78 - 122	1	20
1,2-Dichloroethane	20.0	22.2		ug/L		111	76 - 123	1	20
1,2-Dichloropropane	20.0	23.6		ug/L		118	82 - 120	2	20
1,3,5-Trimethylbenzene	20.0	20.1		ug/L		101	79 - 124	1	20
1,3-Dichlorobenzene	20.0	21.5		ug/L		108	81 - 120	1	20
1,3-Dichloropropane	20.0	22.3		ug/L		112	82 - 120	1	20

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-711798/6

Matrix: Water

Analysis Batch: 711798

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	20.7		ug/L		103	78 - 121	0	20
2,2-Dichloropropane	20.0	19.6		ug/L		98	69 - 133	1	20
2-Butanone	20.0	29.8	*+	ug/L		149	55 - 142	1	21
2-Chlorotoluene	20.0	21.3		ug/L		106	80 - 120	0	20
2-Hexanone	20.0	25.0		ug/L		125	54 - 138	3	21
4-Chlorotoluene	20.0	23.4		ug/L		117	80 - 121	1	20
Acetone	20.0	30.0		ug/L		150	50 - 157	0	26
Benzene	20.0	21.9		ug/L		109	80 - 120	1	20
Bromobenzene	20.0	19.2		ug/L		96	80 - 120	1	20
Bromochloromethane	20.0	21.2		ug/L		106	83 - 123	2	20
Bromodichloromethane	20.0	20.3		ug/L		102	83 - 120	1	20
Bromoform	20.0	20.2		ug/L		101	75 - 128	2	20
Bromomethane	20.0	18.7		ug/L		94	31 - 120	2	22
Carbon disulfide	20.0	21.4		ug/L		107	71 - 128	2	20
Carbon tetrachloride	20.0	20.6		ug/L		103	72 - 135	1	20
Chlorobenzene	20.0	19.8		ug/L		99	84 - 120	1	20
Chloroethane	20.0	20.3		ug/L		102	72 - 129	3	20
Chloroform	20.0	22.4		ug/L		112	79 - 120	0	20
Chloromethane	20.0	20.4		ug/L		102	36 - 148	1	20
cis-1,2-Dichloroethene	20.0	22.5		ug/L		112	81 - 120	2	20
cis-1,3-Dichloropropene	20.0	20.6		ug/L		103	76 - 125	1	20
Dibromochloromethane	20.0	18.1		ug/L		91	82 - 120	1	20
Dibromomethane	20.0	21.8		ug/L		109	85 - 120	1	20
Dichlorodifluoromethane	20.0	19.1		ug/L		96	52 - 147	2	20
Diethyl ether	20.0	22.2		ug/L		111	71 - 127	0	20
Di-isopropyl ether (DIPE)	20.0	23.2		ug/L		116	70 - 132	3	20
Ethanol	200	183		ug/L		92	48 - 163	7	30
Ethylbenzene	20.0	20.7		ug/L		104	81 - 120	2	20
Ethylene Dibromide	20.0	19.0		ug/L		95	81 - 120	1	20
Ethyl-t-butyl ether (ETBE)	20.0	21.7		ug/L		109	68 - 126	1	20
Isopropylbenzene	20.0	20.1		ug/L		101	80 - 122	3	20
m,p-Xylene	40.0	41.5		ug/L		104	79 - 122	1	20
Methylene Chloride	20.0	23.3		ug/L		117	76 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	20.0	21.5		ug/L		108	70 - 124	0	20
MIBK	20.0	21.5		ug/L		108	57 - 133	1	20
Naphthalene	20.0	17.5		ug/L		87	64 - 124	6	20
n-Butylbenzene	20.0	23.9		ug/L		120	78 - 127	1	20
N-Propylbenzene	20.0	20.6		ug/L		103	80 - 121	0	20
o-Xylene	20.0	20.9		ug/L		105	81 - 120	1	20
p-Isopropyltoluene	20.0	21.2		ug/L		106	81 - 124	1	20
sec-Butylbenzene	20.0	22.6		ug/L		113	80 - 123	1	20
Styrene	20.0	20.7		ug/L		104	82 - 120	2	20
tert-Amyl alcohol	100	70.3		ug/L		70	30 - 157	3	30
Tert-amyl-methyl ether (TAME)	20.0	18.9		ug/L		95	71 - 121	4	20
tert-Butyl alcohol (TBA)	100	96.2		ug/L		96	68 - 128	3	20
tert-Butylbenzene	20.0	21.4		ug/L		107	80 - 124	1	20
Tetrachloroethene	20.0	18.1		ug/L		91	78 - 126	2	20
Toluene	20.0	20.9		ug/L		104	82 - 120	2	20
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	79 - 122	1	20

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-711798/6

Matrix: Water

Analysis Batch: 711798

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	20.0	19.4		ug/L		97	73 - 127	1	20
Trichloroethene	20.0	19.9		ug/L		99	83 - 120	4	20
Trichlorofluoromethane	20.0	21.5		ug/L		107	74 - 135	2	20
Vinyl acetate	20.0	19.6		ug/L		98	56 - 135	10	24
Vinyl chloride	20.0	22.5		ug/L		113	68 - 131	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	118		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	111		80 - 120
Toluene-d8 (Surr)	104		80 - 120

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

Lab Sample ID: MB 570-707349/1-A

Matrix: Water

Analysis Batch: 709156

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 707349

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
2-Methylnaphthalene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Acenaphthene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Acenaphthylene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Anthracene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[a]anthracene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[a]pyrene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Chrysene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Dibenz[a,h]anthracene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Fluoranthene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Fluorene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Naphthalene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Phenanthrene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1
Pyrene	<0.20		0.20	ug/L		03/11/26 14:25	03/13/26 22:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		28 - 127	03/11/26 14:25	03/13/26 22:33	1
2-Fluorobiphenyl (Surr)	83		31 - 120	03/11/26 14:25	03/13/26 22:33	1
2-Fluorophenol (Surr)	56		17 - 120	03/11/26 14:25	03/13/26 22:33	1
Nitrobenzene-d5 (Surr)	84		27 - 120	03/11/26 14:25	03/13/26 22:33	1
Phenol-d6 (Surr)	35		10 - 120	03/11/26 14:25	03/13/26 22:33	1
p-Terphenyl-d14 (Surr)	96		45 - 120	03/11/26 14:25	03/13/26 22:33	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-707349/2-A

Matrix: Water

Analysis Batch: 709156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 707349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.2		ug/L		71	47 - 120
2-Methylnaphthalene	20.0	13.5		ug/L		68	43 - 120
Acenaphthene	20.0	16.7		ug/L		83	60 - 132
Acenaphthylene	20.0	16.9		ug/L		85	54 - 126
Anthracene	20.0	17.0		ug/L		85	43 - 120
Benzo[a]anthracene	20.0	18.0		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	15.0		ug/L		75	32 - 148
Benzo[b]fluoranthene	20.0	15.9		ug/L		79	42 - 140
Benzo[g,h,i]perylene	20.0	15.4		ug/L		77	1 - 195
Benzo[k]fluoranthene	20.0	15.3		ug/L		77	25 - 146
Chrysene	20.0	17.1		ug/L		86	44 - 140
Dibenz(a,h)anthracene	20.0	16.3		ug/L		81	1 - 200
Fluoranthene	20.0	16.9		ug/L		84	43 - 121
Fluorene	20.0	16.9		ug/L		85	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	15.8		ug/L		79	1 - 151
Naphthalene	20.0	13.6		ug/L		68	36 - 120
Phenanthrene	20.0	16.9		ug/L		84	65 - 120
Pyrene	20.0	19.1		ug/L		96	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	83		28 - 127
2-Fluorobiphenyl (Surr)	82		31 - 120
2-Fluorophenol (Surr)	60		17 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120
Phenol-d6 (Surr)	38		10 - 120
p-Terphenyl-d14 (Surr)	91		45 - 120

Lab Sample ID: LCSD 570-707349/3-A

Matrix: Water

Analysis Batch: 709156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 707349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	13.8		ug/L		69	47 - 120	2	20
2-Methylnaphthalene	20.0	13.3		ug/L		66	43 - 120	2	20
Acenaphthene	20.0	15.7		ug/L		78	60 - 132	6	29
Acenaphthylene	20.0	15.9		ug/L		79	54 - 126	6	45
Anthracene	20.0	16.3		ug/L		81	43 - 120	4	40
Benzo[a]anthracene	20.0	17.4		ug/L		87	42 - 133	3	32
Benzo[a]pyrene	20.0	14.8		ug/L		74	32 - 148	1	43
Benzo[b]fluoranthene	20.0	15.4		ug/L		77	42 - 140	3	43
Benzo[g,h,i]perylene	20.0	15.2		ug/L		76	1 - 195	1	61
Benzo[k]fluoranthene	20.0	14.9		ug/L		74	25 - 146	3	38
Chrysene	20.0	16.5		ug/L		83	44 - 140	4	53
Dibenz(a,h)anthracene	20.0	15.9		ug/L		79	1 - 200	3	75
Fluoranthene	20.0	15.9		ug/L		79	43 - 121	6	40
Fluorene	20.0	16.2		ug/L		81	70 - 120	5	23
Indeno[1,2,3-cd]pyrene	20.0	15.6		ug/L		78	1 - 151	1	60
Naphthalene	20.0	13.3		ug/L		67	36 - 120	2	39

Eurofins Pomona

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-707349/3-A

Matrix: Water

Analysis Batch: 709156

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 707349

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	16.1		ug/L		80	65 - 120	5	24
Pyrene	20.0	18.5		ug/L		93	70 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		28 - 127
2-Fluorobiphenyl (Surr)	77		31 - 120
2-Fluorophenol (Surr)	59		17 - 120
Nitrobenzene-d5 (Surr)	68		27 - 120
Phenol-d6 (Surr)	39		10 - 120
p-Terphenyl-d14 (Surr)	90		45 - 120

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

Lab Sample ID: MB 570-712273/6

Matrix: Water

Analysis Batch: 712273

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			03/20/26 14:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		38 - 134		03/20/26 14:03	1

Lab Sample ID: LCS 570-712273/3

Matrix: Water

Analysis Batch: 712273

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	382		ug/L		95	78 - 120

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

Lab Sample ID: LCSD 570-712273/4

Matrix: Water

Analysis Batch: 712273

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	416		ug/L		104	78 - 120	9	10

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

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-712273/5

Matrix: Water

Analysis Batch: 712273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	MRL	MRL				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (C4-C13)			10.0	8.59	J	ug/L		86	50 - 150		
Surrogate	MRL	MRL									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	87		38 - 134								

Lab Sample ID: 570-271432-A-4 MSD

Matrix: Water

Analysis Batch: 712273

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (C4-C13)	<10		400	423		ug/L		106	68 - 122	1	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	89		38 - 134								

Lab Sample ID: 570-271432-C-4 MS

Matrix: Water

Analysis Batch: 712273

Client Sample ID: Matrix Spike

Prep Type: Total/NA

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (C4-C13)	<10		400	419		ug/L		105	68 - 122		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	90		38 - 134								

Lab Sample ID: MB 570-712696/5

Matrix: Water

Analysis Batch: 712696

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
GRO (C6-C10)	<10		10	ug/L			03/21/26 12:46	1
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac		
	%Recovery	Qualifier						
4-Bromofluorobenzene (Surr)	90		38 - 134		03/21/26 12:46	1		

Lab Sample ID: LCS 570-712696/3

Matrix: Water

Analysis Batch: 712696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (C4-C13)			400	388		ug/L		97	78 - 120		
Surrogate	LCS		LCS								
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	83		38 - 134								

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QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-712696/4

Matrix: Water

Analysis Batch: 712696

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	367		ug/L		92	78 - 120	6	10
Surrogate	%Recovery	LCSD Qualifier	LCSD Limits						
4-Bromofluorobenzene (Surr)	90		38 - 134						

Lab Sample ID: MRL 570-712696/6

Matrix: Water

Analysis Batch: 712696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	MRL	MRL					%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (C4-C13)			10.0	<7.9		ug/L		61	50 - 150			
Surrogate	MRL	MRL										
	%Recovery	Qualifier	Limits									
4-Bromofluorobenzene (Surr)	83		38 - 134									

Lab Sample ID: 380-202454-1 MS

Matrix: Water

Analysis Batch: 712696

Client Sample ID: BWS2253-H1-AQ

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	<10		400	353		ug/L		88	68 - 122		
Surrogate	%Recovery	MS Qualifier	MS Limits								
4-Bromofluorobenzene (Surr)	85		38 - 134								

Lab Sample ID: 380-202454-1 MSD

Matrix: Water

Analysis Batch: 712696

Client Sample ID: BWS2253-H1-AQ

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	355		ug/L		89	68 - 122	1	18
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	89		38 - 134								

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

Lab Sample ID: MB 570-708139/1-A

Matrix: Water

Analysis Batch: 712918

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 708139

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		03/12/26 10:23	03/22/26 12:49	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		03/12/26 10:23	03/22/26 12:49	1
C8-C18	<25		25	ug/L		03/12/26 10:23	03/22/26 12:49	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	107		60 - 130	03/12/26 10:23	03/22/26 12:49	1

Lab Sample ID: LCS 570-708139/2-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1550		ug/L		97	56 - 127

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	107		60 - 130

Lab Sample ID: LCSD 570-708139/3-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1390		ug/L		87	56 - 127	11	23

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

Lab Sample ID: MRL 570-708139/4-A
Matrix: Water
Analysis Batch: 713462

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0208	J	mg/L		104	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	103		60 - 130

Lab Sample ID: 380-202475-B-1-B MS
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<27		1670	1490		ug/L		89	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	104		60 - 130

Lab Sample ID: 380-202475-B-1-C MSD
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<27		1660	1560		ug/L		94	70 - 130	5	20

QC Sample Results

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-202475-B-1-C MSD
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 708139

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	105		60 - 130

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

QC Association Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 711798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1	BWS2253-H1-AQ	Total/NA	Water	8260B	
380-202454-2	BWS2253-H1-TB	Total/NA	Water	8260B	
MB 570-711798/8	Method Blank	Total/NA	Water	8260B	
LCS 570-711798/1004	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-711798/6	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 707349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1	BWS2253-H1-AQ	Total/NA	Water	625.1	
MB 570-707349/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-707349/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-707349/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 709156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1	BWS2253-H1-AQ	Total/NA	Water	625.1 SIM	707349
MB 570-707349/1-A	Method Blank	Total/NA	Water	625.1 SIM	707349
LCS 570-707349/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	707349
LCSD 570-707349/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	707349

Analysis Batch: 714229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1	BWS2253-H1-AQ	Total/NA	Water	625.1	707349

GC VOA

Analysis Batch: 712273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-2	BWS2253-H1-TB	Total/NA	Water	8015B GRO LL	
MB 570-712273/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-712273/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-712273/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-712273/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
570-271432-A-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	
570-271432-C-4 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	

Analysis Batch: 712696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
MB 570-712696/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-712696/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-712696/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-712696/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-202454-1 MS	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
380-202454-1 MSD	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	

QC Association Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA

Prep Batch: 708139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1 - RA	BWS2253-H1-AQ	Total/NA	Water	3510C	
MB 570-708139/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-708139/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-708139/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-708139/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-202475-B-1-B MS	Matrix Spike	Total/NA	Water	3510C	
380-202475-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 712918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-708139/1-A	Method Blank	Total/NA	Water	8015B	708139
LCS 570-708139/2-A	Lab Control Sample	Total/NA	Water	8015B	708139
LCSD 570-708139/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	708139
380-202475-B-1-B MS	Matrix Spike	Total/NA	Water	8015B	708139
380-202475-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	708139

Analysis Batch: 713462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202454-1 - RA	BWS2253-H1-AQ	Total/NA	Water	8015B	708139
MRL 570-708139/4-A	Lab Control Sample	Total/NA	Water	8015B	708139

Lab Chronicle

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ
Date Collected: 03/10/26 09:15
Date Received: 03/11/26 09:30

Lab Sample ID: 380-202454-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	711798	PT	EET CAL 4	03/19/26 22:33
Total/NA	Prep	625.1			707349	S4EA	EET CAL 4	03/11/26 20:59
Total/NA	Analysis	625.1		1	714229	J7WE	EET CAL 4	03/25/26 05:41
Total/NA	Prep	625.1			707349	S4EA	EET CAL 4	03/11/26 20:59
Total/NA	Analysis	625.1 SIM		1	709156	PQS1	EET CAL 4	03/14/26 08:19
Total/NA	Analysis	8015B GRO LL		1	712696	YD9V	EET CAL 4	03/21/26 13:55
Total/NA	Prep	3510C	RA		708139	TVD6	EET CAL 4	03/12/26 10:24
Total/NA	Analysis	8015B	RA	1	713462	H6FE	EET CAL 4	03/24/26 01:20

Client Sample ID: BWS2253-H1-TB
Date Collected: 03/10/26 09:15
Date Received: 03/11/26 09:30

Lab Sample ID: 380-202454-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	711798	PT	EET CAL 4	03/19/26 21:26
Total/NA	Analysis	8015B GRO LL		1	712273	A9VE	EET CAL 4	03/20/26 19:53

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: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	03-01-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

Laboratory References:

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

Sample Summary

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

Job ID: 380-202454-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-202454-1	BWS2253-H1-AQ	Water	03/10/26 09:15	03/11/26 09:30	Hawaii
380-202454-2	BWS2253-H1-TB	Water	03/10/26 09:15	03/11/26 09:30	Hawaii

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Chain of Custody Record

[illegible]

Chain of Custody Record



Loc: 380
Envi 202454

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Lopez, Maria		Carrier Tracking No(s): N/A		COC No: 380-313374.1			
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 #: 380-202454-			
Address: 2841 Dow Avenue, Suite 100,		Due Date Requested: 3/24/2026		Analysis Requested						Preservation	
City: Tustin		TAT Requested (days): N/A		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260B/5030C (MOD) Super Volatiles List 8016B DRQ LL CS3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18 8016B GRO_LL/5030C (MOD) GRO 825.1_SIM625_Prep (MOD) Extended List 825.1_SIM625_Prep (MOD) Extended PAH List Total Number of containers						Other: N/A	
State, Zip: CA, 92780		PO #: N/A								Special	
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/soil, ST=tissue, A=air)			
						Preservation Code:					
BWS2253-H1-AQ (380-202454-1)		3/10/26		09:15 Hawaiian		G		Water		13 MRLs are needed. Confirm any hits >RL. MRLs are needed.	
BWS2253-H1-TB (380-202454-2)		3/10/26		09:15 Hawaiian		G		Water		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)						Special Instructions/QC Requirements:					
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:			
Relinquished by: Mark Urrutia				Date/Time: 3/11/26 1500		Company: EEAP		Received by: H		Date/Time: 3-11-26 1500	
Relinquished by: -17				Date/Time: 3-11-26 1604		Company: WP		Received by: [Signature]		Date/Time: 3/11/26 1604	
Relinquished by:				Date/Time:		Company:		Received by:		Date/Time:	
Custody Seals Intact: ☐ Yes ☐ No						Custody Seal No.:					
						Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 TRI					

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-202454-1

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

Login Number: 202454

List Source: Eurofins Pomona

List Number: 1

Creator: Edrosa, Rey

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: 380-202454-1

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

Login Number: 202454

List Source: Eurofins Calscience

List Number: 2

List Creation: 03/11/26 07:04 PM

Creator: Ferreira, Bruno

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	3
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	