

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-222160-1

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	6
Client Sample Results	7
Action Limit Summary	12
Surrogate Summary	14
QC Sample Results	16
QC Association Summary	31
Lab Chronicle	33
Certification Summary	34
Method Summary	35
Sample Summary	36
Chain of Custody	37
Receipt Checklists	39



Definitions/Glossary

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.

GC Semi VOA

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

Glossary

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

Case Narrative

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

Job ID: 380-222160-1

Job ID: 380-222160-1

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Job Narrative 380-222160-1

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 6/30/2026 10:18 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

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 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-764228 and analytical batch 570-765058.

Method 625.1 SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-764228 and analytical batch 570-765058 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

Gasoline Range Organics

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

Diesel Range Organics

Method 8015B: The method reporting limit check (MRL) for preparation batch 570-764505 and analytical batch 570-767813 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

No Detections.

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

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: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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			07/10/26 12:31	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			07/10/26 12:31	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,1-Dichloroethane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,1-Dichloroethene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,1-Dichloropropene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			07/10/26 12:31	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			07/10/26 12:31	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,2-Dichloroethane	<0.50		0.50	ug/L			07/10/26 12:31	1
1,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
1,3-Dichloropropane	<1.0		1.0	ug/L			07/10/26 12:31	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
2,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 12:31	1
2-Butanone	<10		10	ug/L			07/10/26 12:31	1
2-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 12:31	1
2-Hexanone	<10		10	ug/L			07/10/26 12:31	1
4-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 12:31	1
Acetone	<10		10	ug/L			07/10/26 12:31	1
Benzene	<0.50		0.50	ug/L			07/10/26 12:31	1
Bromobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
Bromochloromethane	<2.0		2.0	ug/L			07/10/26 12:31	1
Bromodichloromethane	<1.0		1.0	ug/L			07/10/26 12:31	1
Bromoform	<5.0		5.0	ug/L			07/10/26 12:31	1
Bromomethane	<10		10	ug/L			07/10/26 12:31	1
Carbon disulfide	<10		10	ug/L			07/10/26 12:31	1
Carbon tetrachloride	<0.50		0.50	ug/L			07/10/26 12:31	1
Chlorobenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
Chloroethane	<5.0		5.0	ug/L			07/10/26 12:31	1
Chloroform	<1.0		1.0	ug/L			07/10/26 12:31	1
Chloromethane	<10		10	ug/L			07/10/26 12:31	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 12:31	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 12:31	1
Dibromochloromethane	<2.0		2.0	ug/L			07/10/26 12:31	1
Dibromomethane	<1.0		1.0	ug/L			07/10/26 12:31	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			07/10/26 12:31	1
Diethyl ether	<10		10	ug/L			07/10/26 12:31	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			07/10/26 12:31	1
Ethanol	<100		100	ug/L			07/10/26 12:31	1
Ethylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
Ethylene Dibromide	<1.0		1.0	ug/L			07/10/26 12:31	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			07/10/26 12:31	1

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Client Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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			07/10/26 12:31	1
Hexane	<5.0		5.0	ug/L			07/10/26 12:31	1
Isobutyl alcohol	<75		75	ug/L			07/10/26 12:31	1
Isopropanol	<75		75	ug/L			07/10/26 12:31	1
Isopropylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
m,p-Xylene	<2.0		2.0	ug/L			07/10/26 12:31	1
Methylene Chloride	<10		10	ug/L			07/10/26 12:31	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			07/10/26 12:31	1
MIBK	<10		10	ug/L			07/10/26 12:31	1
Naphthalene	<10		10	ug/L			07/10/26 12:31	1
n-Butylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
N-Propylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
o-Xylene	<1.0		1.0	ug/L			07/10/26 12:31	1
p-Isopropyltoluene	<1.0		1.0	ug/L			07/10/26 12:31	1
sec-Butylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
Styrene	<1.0		1.0	ug/L			07/10/26 12:31	1
tert-Amyl alcohol	<50		50	ug/L			07/10/26 12:31	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			07/10/26 12:31	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			07/10/26 12:31	1
tert-Butylbenzene	<1.0		1.0	ug/L			07/10/26 12:31	1
Tetrachloroethene	<1.0		1.0	ug/L			07/10/26 12:31	1
Toluene	<1.0		1.0	ug/L			07/10/26 12:31	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 12:31	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 12:31	1
Trichloroethene	<1.0		1.0	ug/L			07/10/26 12:31	1
Trichlorofluoromethane	<10		10	ug/L			07/10/26 12:31	1
Vinyl acetate	<10		10	ug/L			07/10/26 12:31	1
Vinyl chloride	<0.50		0.50	ug/L			07/10/26 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		80 - 120		07/10/26 12:31	1
4-Bromofluorobenzene (Surr)	97		80 - 120		07/10/26 12:31	1
Dibromofluoromethane (Surr)	99		80 - 120		07/10/26 12:31	1
Toluene-d8 (Surr)	104		80 - 120		07/10/26 12:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
2-Methylnaphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Acenaphthene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Acenaphthylene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Benzo[a]anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Benzo[a]pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Chrysene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Dibenz[a,h]anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1

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Client Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Naphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Phenanthrene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1
Pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/07/26 09:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		28 - 127	07/05/26 08:38	07/07/26 09:41	1
2-Fluorobiphenyl (Surr)	81		31 - 120	07/05/26 08:38	07/07/26 09:41	1
2-Fluorophenol (Surr)	58		17 - 120	07/05/26 08:38	07/07/26 09:41	1
Nitrobenzene-d5 (Surr)	94		27 - 120	07/05/26 08:38	07/07/26 09:41	1
Phenol-d6 (Surr)	36		10 - 120	07/05/26 08:38	07/07/26 09:41	1
p-Terphenyl-d14 (Surr)	69		45 - 120	07/05/26 08:38	07/07/26 09:41	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	07/05/26 08:38	07/09/26 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		33 - 139	07/05/26 08:38	07/09/26 19:57	1
2-Fluorobiphenyl (Surr)	83		33 - 126	07/05/26 08:38	07/09/26 19:57	1
2-Fluorophenol (Surr)	59		12 - 120	07/05/26 08:38	07/09/26 19:57	1
Nitrobenzene-d5 (Surr)	62		36 - 120	07/05/26 08:38	07/09/26 19:57	1
Phenol-d6 (Surr)	33		10 - 120	07/05/26 08:38	07/09/26 19:57	1
p-Terphenyl-d14 (Surr)	69		47 - 131	07/05/26 08:38	07/09/26 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			07/06/26 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		38 - 134		07/06/26 14:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		07/06/26 09:11	07/13/26 00:43	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		07/06/26 09:11	07/13/26 00:43	1
C8-C18	<25		25	ug/L		07/06/26 09:11	07/13/26 00:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	93		60 - 130	07/06/26 09:11	07/13/26 00:43	1

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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			07/10/26 09:32	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			07/10/26 09:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			07/10/26 09:32	1

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Client Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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			07/10/26 09:32	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			07/10/26 09:32	1
1,1-Dichloroethane	<1.0		1.0	ug/L			07/10/26 09:32	1
1,1-Dichloroethene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,1-Dichloropropene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			07/10/26 09:32	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			07/10/26 09:32	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,2-Dichloroethane	<0.50		0.50	ug/L			07/10/26 09:32	1
1,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 09:32	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
1,3-Dichloropropane	<1.0		1.0	ug/L			07/10/26 09:32	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
2,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 09:32	1
2-Butanone	<10		10	ug/L			07/10/26 09:32	1
2-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 09:32	1
2-Hexanone	<10		10	ug/L			07/10/26 09:32	1
4-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 09:32	1
Acetone	<10		10	ug/L			07/10/26 09:32	1
Benzene	<0.50		0.50	ug/L			07/10/26 09:32	1
Bromobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
Bromochloromethane	<2.0		2.0	ug/L			07/10/26 09:32	1
Bromodichloromethane	<1.0		1.0	ug/L			07/10/26 09:32	1
Bromoform	<5.0		5.0	ug/L			07/10/26 09:32	1
Bromomethane	<10		10	ug/L			07/10/26 09:32	1
Carbon disulfide	<10		10	ug/L			07/10/26 09:32	1
Carbon tetrachloride	<0.50		0.50	ug/L			07/10/26 09:32	1
Chlorobenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
Chloroethane	<5.0		5.0	ug/L			07/10/26 09:32	1
Chloroform	<1.0		1.0	ug/L			07/10/26 09:32	1
Chloromethane	<10		10	ug/L			07/10/26 09:32	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 09:32	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 09:32	1
Dibromochloromethane	<2.0		2.0	ug/L			07/10/26 09:32	1
Dibromomethane	<1.0		1.0	ug/L			07/10/26 09:32	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			07/10/26 09:32	1
Diethyl ether	<10		10	ug/L			07/10/26 09:32	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			07/10/26 09:32	1
Ethanol	<100		100	ug/L			07/10/26 09:32	1
Ethylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
Ethylene Dibromide	<1.0		1.0	ug/L			07/10/26 09:32	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			07/10/26 09:32	1
Hexachloro-1,3-butadiene	<10		10	ug/L			07/10/26 09:32	1
Hexane	<5.0		5.0	ug/L			07/10/26 09:32	1
Isobutyl alcohol	<75		75	ug/L			07/10/26 09:32	1

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Client Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			07/10/26 09:32	1
Isopropylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
m,p-Xylene	<2.0		2.0	ug/L			07/10/26 09:32	1
Methylene Chloride	<10		10	ug/L			07/10/26 09:32	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			07/10/26 09:32	1
MIBK	<10		10	ug/L			07/10/26 09:32	1
Naphthalene	<10		10	ug/L			07/10/26 09:32	1
n-Butylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
N-Propylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
o-Xylene	<1.0		1.0	ug/L			07/10/26 09:32	1
p-Isopropyltoluene	<1.0		1.0	ug/L			07/10/26 09:32	1
sec-Butylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
Styrene	<1.0		1.0	ug/L			07/10/26 09:32	1
tert-Amyl alcohol	<50		50	ug/L			07/10/26 09:32	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			07/10/26 09:32	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			07/10/26 09:32	1
tert-Butylbenzene	<1.0		1.0	ug/L			07/10/26 09:32	1
Tetrachloroethene	<1.0		1.0	ug/L			07/10/26 09:32	1
Toluene	<1.0		1.0	ug/L			07/10/26 09:32	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 09:32	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 09:32	1
Trichloroethene	<1.0		1.0	ug/L			07/10/26 09:32	1
Trichlorofluoromethane	<10		10	ug/L			07/10/26 09:32	1
Vinyl acetate	<10		10	ug/L			07/10/26 09:32	1
Vinyl chloride	<0.50		0.50	ug/L			07/10/26 09:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/10/26 09:32	1
4-Bromofluorobenzene (Surr)	96		80 - 120		07/10/26 09:32	1
Dibromofluoromethane (Surr)	102		80 - 120		07/10/26 09:32	1
Toluene-d8 (Surr)	103		80 - 120		07/10/26 09:32	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			07/06/26 12:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		38 - 134		07/06/26 12:52	1

Action Limit Summary

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

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	<0.20		ug/L	0.2		0.20	625.1 SIM	Total/NA

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

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: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-222160-2

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: 380-222160-1
SDG: Site D2 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)
380-222160-1	BWS2254-D2-AQ	98	97	99	104
380-222160-2	BWS2254-D2-TB	102	96	102	103
570-286903-A-1 MS	Matrix Spike	103	104	105	100
570-286903-A-1 MSD	Matrix Spike Duplicate	102	103	106	102
LCS 570-766899/1003	Lab Control Sample	99	104	99	99
LCSD 570-766899/4	Lab Control Sample Dup	100	101	101	97
MB 570-766899/6	Method Blank	102	99	104	103

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)
380-222160-1	BWS2254-D2-AQ	63	83	59	62	33	69
MB 570-764228/1-A	Method Blank	56	84	57	48	33	78

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)
380-222160-1	BWS2254-D2-AQ	104	81	58	94	36	69
380-222429-A-1-A MS	Matrix Spike	2 S1-	5 S1-	1 S1-	3 S1-	0.9 S1-	7 S1-
380-222429-A-1-B MSD	Matrix Spike Duplicate	96	80	67	78	41	83
LCS 570-764228/2-A	Lab Control Sample	88	82	72	73	50	106
LCSD 570-764228/3-A	Lab Control Sample Dup	79	78	66	70	46	100
MB 570-764228/1-A	Method Blank	84	82	61	83	39	94

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: 380-222160-1
SDG: Site D2 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)
380-221326-A-1 MS	Matrix Spike	104
380-221326-A-1 MSD	Matrix Spike Duplicate	102
380-222160-1	BWS2254-D2-AQ	99
380-222160-2	BWS2254-D2-TB	100
LCS 570-764480/3	Lab Control Sample	98
LCSD 570-764480/4	Lab Control Sample Dup	101
MB 570-764480/6	Method Blank	100
MRL 570-764480/5	Lab Control Sample	100
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)
380-222160-1	BWS2254-D2-AQ	93
380-222429-B-1-B MS	Matrix Spike	87
380-222429-B-1-C MSD	Matrix Spike Duplicate	94
LCS 570-764505/2-A	Lab Control Sample	96
LCSD 570-764505/3-A	Lab Control Sample Dup	95
MB 570-764505/1-A	Method Blank	97
MRL 570-764505/4-A	Lab Control Sample	93
Surrogate Legend		
OTCSN = n-Octacosane (Surr)		

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-766899/6

Matrix: Water

Analysis Batch: 766899

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			07/10/26 08:26	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			07/10/26 08:26	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,1-Dichloroethane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,1-Dichloroethene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,1-Dichloropropene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			07/10/26 08:26	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			07/10/26 08:26	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,2-Dichloroethane	<0.50		0.50	ug/L			07/10/26 08:26	1
1,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
1,3-Dichloropropane	<1.0		1.0	ug/L			07/10/26 08:26	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
2,2-Dichloropropane	<1.0		1.0	ug/L			07/10/26 08:26	1
2-Butanone	<10		10	ug/L			07/10/26 08:26	1
2-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 08:26	1
2-Hexanone	<10		10	ug/L			07/10/26 08:26	1
4-Chlorotoluene	<1.0		1.0	ug/L			07/10/26 08:26	1
Acetone	<10		10	ug/L			07/10/26 08:26	1
Benzene	<0.50		0.50	ug/L			07/10/26 08:26	1
Bromobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
Bromochloromethane	<2.0		2.0	ug/L			07/10/26 08:26	1
Bromodichloromethane	<1.0		1.0	ug/L			07/10/26 08:26	1
Bromoform	<5.0		5.0	ug/L			07/10/26 08:26	1
Bromomethane	<10		10	ug/L			07/10/26 08:26	1
Carbon disulfide	<10		10	ug/L			07/10/26 08:26	1
Carbon tetrachloride	<0.50		0.50	ug/L			07/10/26 08:26	1
Chlorobenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
Chloroethane	<5.0		5.0	ug/L			07/10/26 08:26	1
Chloroform	<1.0		1.0	ug/L			07/10/26 08:26	1
Chloromethane	<10		10	ug/L			07/10/26 08:26	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 08:26	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 08:26	1
Dibromochloromethane	<2.0		2.0	ug/L			07/10/26 08:26	1
Dibromomethane	<1.0		1.0	ug/L			07/10/26 08:26	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			07/10/26 08:26	1
Diethyl ether	<10		10	ug/L			07/10/26 08:26	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			07/10/26 08:26	1
Ethanol	<100		100	ug/L			07/10/26 08:26	1
Ethylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
Ethylene Dibromide	<1.0		1.0	ug/L			07/10/26 08:26	1

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-766899/6

Matrix: Water

Analysis Batch: 766899

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			07/10/26 08:26	1
Hexachloro-1,3-butadiene	<10		10	ug/L			07/10/26 08:26	1
Hexane	<5.0		5.0	ug/L			07/10/26 08:26	1
Isobutyl alcohol	<75		75	ug/L			07/10/26 08:26	1
Isopropanol	<75		75	ug/L			07/10/26 08:26	1
Isopropylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
m,p-Xylene	<2.0		2.0	ug/L			07/10/26 08:26	1
Methylene Chloride	<10		10	ug/L			07/10/26 08:26	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			07/10/26 08:26	1
MIBK	<10		10	ug/L			07/10/26 08:26	1
Naphthalene	<10		10	ug/L			07/10/26 08:26	1
n-Butylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
N-Propylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
o-Xylene	<1.0		1.0	ug/L			07/10/26 08:26	1
p-Isopropyltoluene	<1.0		1.0	ug/L			07/10/26 08:26	1
sec-Butylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
Styrene	<1.0		1.0	ug/L			07/10/26 08:26	1
tert-Amyl alcohol	<50		50	ug/L			07/10/26 08:26	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			07/10/26 08:26	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			07/10/26 08:26	1
tert-Butylbenzene	<1.0		1.0	ug/L			07/10/26 08:26	1
Tetrachloroethene	<1.0		1.0	ug/L			07/10/26 08:26	1
Toluene	<1.0		1.0	ug/L			07/10/26 08:26	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			07/10/26 08:26	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			07/10/26 08:26	1
Trichloroethene	<1.0		1.0	ug/L			07/10/26 08:26	1
Trichlorofluoromethane	<10		10	ug/L			07/10/26 08:26	1
Vinyl acetate	<10		10	ug/L			07/10/26 08:26	1
Vinyl chloride	<0.50		0.50	ug/L			07/10/26 08:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		80 - 120		07/10/26 08:26	1
4-Bromofluorobenzene (Surr)	99		80 - 120		07/10/26 08:26	1
Dibromofluoromethane (Surr)	104		80 - 120		07/10/26 08:26	1
Toluene-d8 (Surr)	103		80 - 120		07/10/26 08:26	1

Lab Sample ID: LCS 570-766899/1003

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.5		ug/L		103	83 - 120
1,1,1-Trichloroethane	20.0	21.3		ug/L		107	78 - 123
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.8		ug/L		109	72 - 130
1,1,2-Trichloroethane	20.0	18.8		ug/L		94	82 - 120
1,1-Dichloroethane	20.0	18.9		ug/L		94	79 - 122
1,1-Dichloroethene	20.0	20.3		ug/L		102	74 - 127

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-766899/1003

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloropropene	20.0	20.1		ug/L		101	75 - 124
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	71 - 126
1,2,3-Trichloropropane	20.0	19.1		ug/L		96	73 - 121
1,2,4-Trichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,2,4-Trimethylbenzene	20.0	18.6		ug/L		93	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	16.6		ug/L		83	64 - 127
1,2-Dichlorobenzene	20.0	17.5		ug/L		87	78 - 122
1,2-Dichloroethane	20.0	19.6		ug/L		98	76 - 123
1,2-Dichloropropane	20.0	19.5		ug/L		98	82 - 120
1,3,5-Trimethylbenzene	20.0	20.3		ug/L		102	79 - 124
1,3-Dichlorobenzene	20.0	18.8		ug/L		94	81 - 120
1,3-Dichloropropane	20.0	18.5		ug/L		93	82 - 120
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	78 - 121
2,2-Dichloropropane	20.0	21.8		ug/L		109	69 - 133
2-Butanone	20.0	17.6		ug/L		88	55 - 142
2-Chlorotoluene	20.0	19.8		ug/L		99	80 - 120
2-Hexanone	20.0	19.1		ug/L		95	54 - 138
4-Chlorotoluene	20.0	18.3		ug/L		91	80 - 121
Acetone	20.0	24.4		ug/L		122	50 - 157
Benzene	20.0	19.9		ug/L		100	80 - 120
Bromobenzene	20.0	20.0		ug/L		100	80 - 120
Bromochloromethane	20.0	19.6		ug/L		98	83 - 123
Bromodichloromethane	20.0	20.2		ug/L		101	83 - 120
Bromoform	20.0	18.1		ug/L		90	75 - 128
Bromomethane	20.0	23.4		ug/L		117	31 - 120
Carbon disulfide	20.0	19.0		ug/L		95	71 - 128
Carbon tetrachloride	20.0	22.3		ug/L		111	72 - 135
Chlorobenzene	20.0	19.7		ug/L		98	84 - 120
Chloroethane	20.0	21.8		ug/L		109	72 - 129
Chloroform	20.0	19.5		ug/L		97	79 - 120
Chloromethane	20.0	15.8		ug/L		79	36 - 148
cis-1,2-Dichloroethene	20.0	18.5		ug/L		93	81 - 120
cis-1,3-Dichloropropene	20.0	20.9		ug/L		105	76 - 125
Dibromochloromethane	20.0	19.8		ug/L		99	82 - 120
Dibromomethane	20.0	19.2		ug/L		96	85 - 120
Dichlorodifluoromethane	20.0	23.6		ug/L		118	52 - 147
Diethyl ether	20.0	19.0		ug/L		95	71 - 127
Di-isopropyl ether (DIPE)	20.0	16.1		ug/L		81	70 - 132
Ethanol	200	180		ug/L		90	48 - 163
Ethylbenzene	20.0	19.7		ug/L		98	81 - 120
Ethylene Dibromide	20.0	20.4		ug/L		102	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	16.4		ug/L		82	68 - 126
Isopropylbenzene	20.0	20.2		ug/L		101	80 - 122
m,p-Xylene	40.0	39.4		ug/L		99	79 - 122
Methylene Chloride	20.0	18.9		ug/L		95	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	17.3		ug/L		86	70 - 124
MIBK	20.0	16.4		ug/L		82	57 - 133
Naphthalene	20.0	16.7		ug/L		83	64 - 124
n-Butylbenzene	20.0	19.9		ug/L		99	78 - 127

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-766899/1003

Matrix: Water

Analysis Batch: 766899

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	20.6		ug/L		103	80 - 121
o-Xylene	20.0	19.1		ug/L		96	81 - 120
p-Isopropyltoluene	20.0	19.2		ug/L		96	81 - 124
sec-Butylbenzene	20.0	19.6		ug/L		98	80 - 123
Styrene	20.0	19.3		ug/L		96	82 - 120
tert-Amyl alcohol	100	83.2		ug/L		83	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	17.9		ug/L		90	71 - 121
tert-Butyl alcohol (TBA)	100	90.8		ug/L		91	68 - 128
tert-Butylbenzene	20.0	20.2		ug/L		101	80 - 124
Tetrachloroethene	20.0	20.5		ug/L		103	78 - 126
Toluene	20.0	19.1		ug/L		95	82 - 120
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	79 - 122
trans-1,3-Dichloropropene	20.0	21.2		ug/L		106	73 - 127
Trichloroethene	20.0	19.8		ug/L		99	83 - 120
Trichlorofluoromethane	20.0	23.5		ug/L		117	74 - 135
Vinyl acetate	20.0	20.6		ug/L		103	56 - 135
Vinyl chloride	20.0	20.2		ug/L		101	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	99		80 - 120

Lab Sample ID: LCSD 570-766899/4

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	19.9		ug/L		100	83 - 120	3	20
1,1,1,1-Trichloroethane	20.0	20.1		ug/L		101	78 - 123	6	20
1,1,2,2-Tetrachloroethane	20.0	18.6		ug/L		93	74 - 125	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4		ug/L		107	72 - 130	2	20
1,1,2-Trichloroethane	20.0	20.1		ug/L		100	82 - 120	7	20
1,1-Dichloroethane	20.0	17.7		ug/L		89	79 - 122	6	20
1,1-Dichloroethene	20.0	18.3		ug/L		92	74 - 127	10	20
1,1-Dichloropropene	20.0	19.5		ug/L		98	75 - 124	3	20
1,2,3-Trichlorobenzene	20.0	20.3		ug/L		101	71 - 126	7	20
1,2,3-Trichloropropane	20.0	19.4		ug/L		97	73 - 121	1	20
1,2,4-Trichlorobenzene	20.0	20.6		ug/L		103	70 - 130	7	20
1,2,4-Trimethylbenzene	20.0	19.1		ug/L		95	80 - 125	3	20
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	64 - 127	3	20
1,2-Dichlorobenzene	20.0	18.2		ug/L		91	78 - 122	4	20
1,2-Dichloroethane	20.0	19.2		ug/L		96	76 - 123	2	20
1,2-Dichloropropane	20.0	18.8		ug/L		94	82 - 120	4	20
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		99	79 - 124	2	20
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	81 - 120	5	20
1,3-Dichloropropane	20.0	19.0		ug/L		95	82 - 120	3	20

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-766899/4

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	78 - 121	3	20
2,2-Dichloropropane	20.0	20.7		ug/L		103	69 - 133	5	20
2-Butanone	20.0	19.3		ug/L		97	55 - 142	9	21
2-Chlorotoluene	20.0	19.2		ug/L		96	80 - 120	3	20
2-Hexanone	20.0	21.1		ug/L		106	54 - 138	10	21
4-Chlorotoluene	20.0	18.9		ug/L		95	80 - 121	4	20
Acetone	20.0	25.3		ug/L		126	50 - 157	3	26
Benzene	20.0	18.8		ug/L		94	80 - 120	6	20
Bromobenzene	20.0	19.5		ug/L		97	80 - 120	3	20
Bromochloromethane	20.0	19.4		ug/L		97	83 - 123	1	20
Bromodichloromethane	20.0	19.9		ug/L		99	83 - 120	1	20
Bromoform	20.0	18.8		ug/L		94	75 - 128	4	20
Bromomethane	20.0	19.6		ug/L		98	31 - 120	18	22
Carbon disulfide	20.0	17.7		ug/L		88	71 - 128	7	20
Carbon tetrachloride	20.0	20.4		ug/L		102	72 - 135	9	20
Chlorobenzene	20.0	19.3		ug/L		96	84 - 120	2	20
Chloroethane	20.0	20.6		ug/L		103	72 - 129	5	20
Chloroform	20.0	18.7		ug/L		93	79 - 120	4	20
Chloromethane	20.0	16.1		ug/L		81	36 - 148	2	20
cis-1,2-Dichloroethene	20.0	17.2		ug/L		86	81 - 120	7	20
cis-1,3-Dichloropropene	20.0	20.3		ug/L		102	76 - 125	3	20
Dibromochloromethane	20.0	19.2		ug/L		96	82 - 120	3	20
Dibromomethane	20.0	19.1		ug/L		96	85 - 120	1	20
Dichlorodifluoromethane	20.0	22.4		ug/L		112	52 - 147	5	20
Diethyl ether	20.0	19.0		ug/L		95	71 - 127	0	20
Di-isopropyl ether (DIPE)	20.0	16.0		ug/L		80	70 - 132	1	20
Ethanol	200	188		ug/L		94	48 - 163	5	30
Ethylbenzene	20.0	18.9		ug/L		94	81 - 120	4	20
Ethylene Dibromide	20.0	20.5		ug/L		102	81 - 120	0	20
Ethyl-t-butyl ether (ETBE)	20.0	16.8		ug/L		84	68 - 126	2	20
Isopropylbenzene	20.0	19.0		ug/L		95	80 - 122	6	20
m,p-Xylene	40.0	37.4		ug/L		94	79 - 122	5	20
Methylene Chloride	20.0	18.8		ug/L		94	76 - 120	1	20
Methyl-t-Butyl Ether (MTBE)	20.0	17.8		ug/L		89	70 - 124	3	20
MIBK	20.0	17.4		ug/L		87	57 - 133	5	20
Naphthalene	20.0	18.3		ug/L		91	64 - 124	9	20
n-Butylbenzene	20.0	19.7		ug/L		98	78 - 127	1	20
N-Propylbenzene	20.0	19.4		ug/L		97	80 - 121	6	20
o-Xylene	20.0	18.9		ug/L		94	81 - 120	1	20
p-Isopropyltoluene	20.0	19.4		ug/L		97	81 - 124	1	20
sec-Butylbenzene	20.0	19.6		ug/L		98	80 - 123	0	20
Styrene	20.0	18.9		ug/L		94	82 - 120	2	20
tert-Amyl alcohol	100	89.4		ug/L		89	30 - 157	7	30
Tert-amyl-methyl ether (TAME)	20.0	17.7		ug/L		88	71 - 121	1	20
tert-Butyl alcohol (TBA)	100	98.4		ug/L		98	68 - 128	8	20
tert-Butylbenzene	20.0	19.8		ug/L		99	80 - 124	2	20
Tetrachloroethene	20.0	19.4		ug/L		97	78 - 126	6	20
Toluene	20.0	18.0		ug/L		90	82 - 120	6	20
trans-1,2-Dichloroethene	20.0	18.3		ug/L		91	79 - 122	3	20

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-766899/4

Matrix: Water

Analysis Batch: 766899

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	20.7		ug/L		103	73 - 127	2	20
Trichloroethene	20.0	18.6		ug/L		93	83 - 120	7	20
Trichlorofluoromethane	20.0	22.2		ug/L		111	74 - 135	6	20
Vinyl acetate	20.0	22.2		ug/L		111	56 - 135	8	24
Vinyl chloride	20.0	18.4		ug/L		92	68 - 131	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		80 - 120
4-Bromofluorobenzene (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 570-286903-A-1 MS

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<2.0		20.0	19.9		ug/L		99	56 - 156
1,1,1-Trichloroethane	<1.0		20.0	22.9		ug/L		114	56 - 155
1,1,2,2-Tetrachloroethane	<1.0		20.0	17.0		ug/L		85	52 - 151
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	23.5		ug/L		118	45 - 156
1,1,2-Trichloroethane	<1.0		20.0	19.1		ug/L		96	64 - 142
1,1-Dichloroethane	<1.0		20.0	20.3		ug/L		102	58 - 151
1,1-Dichloroethene	<1.0		20.0	21.1		ug/L		106	51 - 160
1,1-Dichloropropene	<1.0		20.0	21.0		ug/L		105	59 - 151
1,2,3-Trichlorobenzene	<1.0		20.0	17.5		ug/L		88	56 - 148
1,2,3-Trichloropropane	<5.0		20.0	17.3		ug/L		87	54 - 145
1,2,4-Trichlorobenzene	<1.0		20.0	19.1		ug/L		96	51 - 149
1,2,4-Trimethylbenzene	<1.0		20.0	19.4		ug/L		97	54 - 149
1,2-Dibromo-3-Chloropropane	<10		20.0	15.6		ug/L		78	43 - 149
1,2-Dichlorobenzene	<1.0		20.0	18.4		ug/L		92	64 - 144
1,2-Dichloroethane	<0.50		20.0	20.5		ug/L		102	63 - 142
1,2-Dichloropropane	<1.0		20.0	19.8		ug/L		99	64 - 144
1,3,5-Trimethylbenzene	<1.0		20.0	21.8		ug/L		109	62 - 147
1,3-Dichlorobenzene	<1.0		20.0	19.7		ug/L		99	63 - 143
1,3-Dichloropropane	<1.0		20.0	18.7		ug/L		94	66 - 140
1,4-Dichlorobenzene	<1.0		20.0	19.9		ug/L		100	62 - 141
2,2-Dichloropropane	<1.0		20.0	22.8		ug/L		114	35 - 151
2-Butanone	<10		20.0	17.0		ug/L		85	44 - 162
2-Chlorotoluene	<1.0		20.0	21.2		ug/L		106	64 - 142
2-Hexanone	<10		20.0	18.1		ug/L		91	40 - 151
4-Chlorotoluene	<1.0		20.0	19.7		ug/L		99	61 - 144
Acetone	<10		20.0	22.2		ug/L		111	34 - 174
Benzene	<0.50		20.0	20.4		ug/L		102	64 - 143
Bromobenzene	<1.0		20.0	19.9		ug/L		100	67 - 144
Bromochloromethane	<2.0		20.0	20.5		ug/L		102	70 - 149
Bromodichloromethane	24		20.0	46.9		ug/L		117	64 - 145
Bromoform	<5.0		20.0	17.9		ug/L		90	43 - 165

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-286903-A-1 MS

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	<10		20.0	23.3		ug/L		116	25 - 180
Carbon disulfide	<10		20.0	20.7		ug/L		104	50 - 156
Carbon tetrachloride	<0.50		20.0	23.3		ug/L		116	51 - 167
Chlorobenzene	<1.0		20.0	20.2		ug/L		101	67 - 141
Chloroethane	<5.0		20.0	24.4		ug/L		122	46 - 167
Chloroform	58		20.0	80.0		ug/L		110	62 - 143
Chloromethane	<10		20.0	18.1		ug/L		90	33 - 163
cis-1,2-Dichloroethene	<1.0		20.0	19.9		ug/L		99	57 - 152
cis-1,3-Dichloropropene	<0.50		20.0	20.2		ug/L		101	55 - 141
Dibromochloromethane	6.6		20.0	26.6		ug/L		100	54 - 155
Dibromomethane	<1.0		20.0	18.9		ug/L		95	68 - 143
Dichlorodifluoromethane	<5.0		20.0	25.6		ug/L		128	36 - 159
Diethyl ether	<10		20.0	19.5		ug/L		97	53 - 151
Di-isopropyl ether (DIPE)	<2.0		20.0	16.0		ug/L		80	50 - 157
Ethanol	<100		200	165		ug/L		83	29 - 180
Ethylbenzene	<1.0		20.0	20.7		ug/L		103	62 - 145
Ethylene Dibromide	<1.0		20.0	19.8		ug/L		99	65 - 141
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	15.9		ug/L		80	49 - 144
Isopropylbenzene	<1.0		20.0	21.1		ug/L		106	64 - 146
m,p-Xylene	<2.0		40.0	41.1		ug/L		103	61 - 146
Methylene Chloride	<10		20.0	20.5		ug/L		102	59 - 143
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	17.0		ug/L		85	52 - 145
MIBK	<10		20.0	16.8		ug/L		84	46 - 144
Naphthalene	<10		20.0	15.8		ug/L		79	41 - 148
n-Butylbenzene	<1.0		20.0	20.7		ug/L		104	54 - 150
N-Propylbenzene	<1.0		20.0	21.6		ug/L		108	63 - 146
o-Xylene	<1.0		20.0	20.3		ug/L		101	64 - 144
p-Isopropyltoluene	<1.0		20.0	20.1		ug/L		101	59 - 147
sec-Butylbenzene	<1.0		20.0	20.5		ug/L		103	60 - 147
Styrene	<1.0		20.0	20.4		ug/L		102	44 - 154
tert-Amyl alcohol	<50		100	78.8		ug/L		79	25 - 164
Tert-amyl-methyl ether (TAME)	<2.0		20.0	17.2		ug/L		86	55 - 137
tert-Butyl alcohol (TBA)	<10		100	98.7		ug/L		99	56 - 154
tert-Butylbenzene	<1.0		20.0	20.8		ug/L		104	61 - 149
Tetrachloroethene	<1.0		20.0	20.8		ug/L		104	60 - 151
Toluene	<1.0		20.0	20.0		ug/L		100	64 - 144
trans-1,2-Dichloroethene	<1.0		20.0	20.7		ug/L		103	56 - 156
trans-1,3-Dichloropropene	<0.50		20.0	20.7		ug/L		104	52 - 143
Trichloroethene	<1.0		20.0	20.2		ug/L		101	41 - 169
Trichlorofluoromethane	<10		20.0	25.8		ug/L		129	54 - 161
Vinyl acetate	<10		20.0	18.2		ug/L		91	30 - 155
Vinyl chloride	<0.50		20.0	21.3		ug/L		107	49 - 164

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	104		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Eurofins Pomona

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-286903-A-1 MSD

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<2.0		20.0	19.8		ug/L		99	56 - 156	0	20
1,1,1-Trichloroethane	<1.0		20.0	22.7		ug/L		114	56 - 155	1	20
1,1,2,2-Tetrachloroethane	<1.0		20.0	16.7		ug/L		84	52 - 151	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	22.9		ug/L		114	45 - 156	3	20
1,1,2-Trichloroethane	<1.0		20.0	18.5		ug/L		92	64 - 142	3	20
1,1-Dichloroethane	<1.0		20.0	20.3		ug/L		101	58 - 151	0	20
1,1-Dichloroethene	<1.0		20.0	21.1		ug/L		106	51 - 160	0	20
1,1-Dichloropropene	<1.0		20.0	21.4		ug/L		107	59 - 151	2	20
1,2,3-Trichlorobenzene	<1.0		20.0	17.9		ug/L		90	56 - 148	2	20
1,2,3-Trichloropropane	<5.0		20.0	16.9		ug/L		84	54 - 145	3	20
1,2,4-Trichlorobenzene	<1.0		20.0	19.7		ug/L		98	51 - 149	3	20
1,2,4-Trimethylbenzene	<1.0		20.0	19.6		ug/L		98	54 - 149	1	20
1,2-Dibromo-3-Chloropropane	<10		20.0	15.1		ug/L		76	43 - 149	3	20
1,2-Dichlorobenzene	<1.0		20.0	18.2		ug/L		91	64 - 144	1	20
1,2-Dichloroethane	<0.50		20.0	20.6		ug/L		103	63 - 142	1	20
1,2-Dichloropropane	<1.0		20.0	20.7		ug/L		104	64 - 144	5	20
1,3,5-Trimethylbenzene	<1.0		20.0	21.0		ug/L		105	62 - 147	4	20
1,3-Dichlorobenzene	<1.0		20.0	20.0		ug/L		100	63 - 143	1	20
1,3-Dichloropropane	<1.0		20.0	17.9		ug/L		90	66 - 140	5	20
1,4-Dichlorobenzene	<1.0		20.0	19.4		ug/L		97	62 - 141	3	20
2,2-Dichloropropane	<1.0		20.0	22.8		ug/L		114	35 - 151	0	20
2-Butanone	<10		20.0	16.6		ug/L		83	44 - 162	2	20
2-Chlorotoluene	<1.0		20.0	20.9		ug/L		104	64 - 142	2	20
2-Hexanone	<10		20.0	17.3		ug/L		86	40 - 151	5	20
4-Chlorotoluene	<1.0		20.0	19.6		ug/L		98	61 - 144	1	20
Acetone	<10		20.0	23.2		ug/L		116	34 - 174	4	20
Benzene	<0.50		20.0	20.5		ug/L		103	64 - 143	0	20
Bromobenzene	<1.0		20.0	20.2		ug/L		101	67 - 144	2	20
Bromochloromethane	<2.0		20.0	20.9		ug/L		104	70 - 149	2	20
Bromodichloromethane	24		20.0	47.2		ug/L		118	64 - 145	1	20
Bromoform	<5.0		20.0	18.0		ug/L		90	43 - 165	0	20
Bromomethane	<10		20.0	21.8		ug/L		109	25 - 180	7	23
Carbon disulfide	<10		20.0	21.3		ug/L		106	50 - 156	2	20
Carbon tetrachloride	<0.50		20.0	22.4		ug/L		112	51 - 167	4	20
Chlorobenzene	<1.0		20.0	19.5		ug/L		98	67 - 141	3	20
Chloroethane	<5.0		20.0	24.2		ug/L		121	46 - 167	1	20
Chloroform	58		20.0	81.7		ug/L		118	62 - 143	2	20
Chloromethane	<10		20.0	18.4		ug/L		92	33 - 163	2	20
cis-1,2-Dichloroethene	<1.0		20.0	19.1		ug/L		95	57 - 152	4	20
cis-1,3-Dichloropropene	<0.50		20.0	20.4		ug/L		102	55 - 141	1	20
Dibromochloromethane	6.6		20.0	26.4		ug/L		99	54 - 155	1	20
Dibromomethane	<1.0		20.0	19.6		ug/L		98	68 - 143	4	20
Dichlorodifluoromethane	<5.0		20.0	25.4		ug/L		127	36 - 159	0	20
Diethyl ether	<10		20.0	19.4		ug/L		97	53 - 151	0	20
Di-isopropyl ether (DIPE)	<2.0		20.0	15.7		ug/L		79	50 - 157	2	20
Ethanol	<100		200	185		ug/L		93	29 - 180	11	40
Ethylbenzene	<1.0		20.0	20.1		ug/L		101	62 - 145	3	20
Ethylene Dibromide	<1.0		20.0	19.5		ug/L		98	65 - 141	2	20

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 570-286903-A-1 MSD

Matrix: Water

Analysis Batch: 766899

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	15.6		ug/L		78	49 - 144	2	20
Isopropylbenzene	<1.0		20.0	20.7		ug/L		103	64 - 146	2	20
m,p-Xylene	<2.0		40.0	39.9		ug/L		100	61 - 146	3	20
Methylene Chloride	<10		20.0	20.7		ug/L		104	59 - 143	1	20
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	16.9		ug/L		85	52 - 145	1	20
MIBK	<10		20.0	17.9		ug/L		89	46 - 144	6	20
Naphthalene	<10		20.0	16.0		ug/L		80	41 - 148	1	20
n-Butylbenzene	<1.0		20.0	21.1		ug/L		106	54 - 150	2	20
N-Propylbenzene	<1.0		20.0	21.2		ug/L		106	63 - 146	2	20
o-Xylene	<1.0		20.0	19.9		ug/L		99	64 - 144	2	20
p-Isopropyltoluene	<1.0		20.0	19.9		ug/L		100	59 - 147	1	20
sec-Butylbenzene	<1.0		20.0	20.7		ug/L		103	60 - 147	1	20
Styrene	<1.0		20.0	20.1		ug/L		100	44 - 154	1	20
tert-Amyl alcohol	<50		100	76.3		ug/L		76	25 - 164	3	20
Tert-amyl-methyl ether (TAME)	<2.0		20.0	17.3		ug/L		86	55 - 137	0	20
tert-Butyl alcohol (TBA)	<10		100	94.9		ug/L		95	56 - 154	4	20
tert-Butylbenzene	<1.0		20.0	21.1		ug/L		105	61 - 149	1	20
Tetrachloroethene	<1.0		20.0	20.3		ug/L		101	60 - 151	2	20
Toluene	<1.0		20.0	20.0		ug/L		100	64 - 144	0	20
trans-1,2-Dichloroethene	<1.0		20.0	20.1		ug/L		101	56 - 156	3	20
trans-1,3-Dichloropropene	<0.50		20.0	20.3		ug/L		101	52 - 143	2	20
Trichloroethene	<1.0		20.0	20.4		ug/L		102	41 - 169	1	20
Trichlorofluoromethane	<10		20.0	25.5		ug/L		127	54 - 161	1	20
Vinyl acetate	<10		20.0	20.2		ug/L		101	30 - 155	10	20
Vinyl chloride	<0.50		20.0	21.9		ug/L		110	49 - 164	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	106		80 - 120
Toluene-d8 (Surr)	102		80 - 120

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

Lab Sample ID: MB 570-764228/1-A

Matrix: Water

Analysis Batch: 766469

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 764228

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	07/05/26 08:38	07/09/26 15:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		33 - 139	07/05/26 08:38	07/09/26 15:07	1
2-Fluorobiphenyl (Surr)	84		33 - 126	07/05/26 08:38	07/09/26 15:07	1
2-Fluorophenol (Surr)	57		12 - 120	07/05/26 08:38	07/09/26 15:07	1
Nitrobenzene-d5 (Surr)	48		36 - 120	07/05/26 08:38	07/09/26 15:07	1
Phenol-d6 (Surr)	33		10 - 120	07/05/26 08:38	07/09/26 15:07	1
p-Terphenyl-d14 (Surr)	78		47 - 131	07/05/26 08:38	07/09/26 15:07	1

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-764228/1-A

Matrix: Water

Analysis Batch: 764714

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 764228

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
2-Methylnaphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Acenaphthene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Acenaphthylene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[a]anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[a]pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Chrysene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Fluoranthene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Fluorene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Naphthalene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Phenanthrene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1
Pyrene	<0.20		0.20	ug/L		07/05/26 08:38	07/06/26 22:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		28 - 127	07/05/26 08:38	07/06/26 22:52	1
2-Fluorobiphenyl (Surr)	82		31 - 120	07/05/26 08:38	07/06/26 22:52	1
2-Fluorophenol (Surr)	61		17 - 120	07/05/26 08:38	07/06/26 22:52	1
Nitrobenzene-d5 (Surr)	83		27 - 120	07/05/26 08:38	07/06/26 22:52	1
Phenol-d6 (Surr)	39		10 - 120	07/05/26 08:38	07/06/26 22:52	1
p-Terphenyl-d14 (Surr)	94		45 - 120	07/05/26 08:38	07/06/26 22:52	1

Lab Sample ID: LCS 570-764228/2-A

Matrix: Water

Analysis Batch: 764714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	15.7		ug/L		79	47 - 120
2-Methylnaphthalene	20.0	14.5		ug/L		72	43 - 120
Acenaphthene	20.0	16.9		ug/L		85	60 - 132
Acenaphthylene	20.0	17.1		ug/L		85	54 - 126
Anthracene	20.0	17.3		ug/L		86	43 - 120
Benzo[a]anthracene	20.0	18.0		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	15.3		ug/L		77	32 - 148
Benzo[b]fluoranthene	20.0	15.6		ug/L		78	42 - 140
Benzo[g,h,i]perylene	20.0	16.3		ug/L		81	1 - 195
Benzo[k]fluoranthene	20.0	15.7		ug/L		79	25 - 146
Chrysene	20.0	17.6		ug/L		88	44 - 140
Dibenz(a,h)anthracene	20.0	17.8		ug/L		89	1 - 200
Fluoranthene	20.0	16.7		ug/L		84	43 - 121
Fluorene	20.0	17.2		ug/L		86	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.2		ug/L		86	1 - 151
Naphthalene	20.0	13.5		ug/L		67	36 - 120

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QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-764228/2-A

Matrix: Water

Analysis Batch: 764714

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	20.0	16.7		ug/L		83	65 - 120
Pyrene	20.0	20.7		ug/L		104	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	88		28 - 127
2-Fluorobiphenyl (Surr)	82		31 - 120
2-Fluorophenol (Surr)	72		17 - 120
Nitrobenzene-d5 (Surr)	73		27 - 120
Phenol-d6 (Surr)	50		10 - 120
p-Terphenyl-d14 (Surr)	106		45 - 120

Lab Sample ID: LCSD 570-764228/3-A

Matrix: Water

Analysis Batch: 764714

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	15.2		ug/L		76	47 - 120	4	20
2-Methylnaphthalene	20.0	14.0		ug/L		70	43 - 120	4	20
Acenaphthene	20.0	15.9		ug/L		80	60 - 132	6	29
Acenaphthylene	20.0	16.1		ug/L		81	54 - 126	6	45
Anthracene	20.0	16.1		ug/L		81	43 - 120	7	40
Benzo[a]anthracene	20.0	16.8		ug/L		84	42 - 133	6	32
Benzo[a]pyrene	20.0	14.8		ug/L		74	32 - 148	4	43
Benzo[b]fluoranthene	20.0	14.9		ug/L		75	42 - 140	5	43
Benzo[g,h,i]perylene	20.0	15.3		ug/L		77	1 - 195	6	61
Benzo[k]fluoranthene	20.0	14.9		ug/L		75	25 - 146	5	38
Chrysene	20.0	16.3		ug/L		81	44 - 140	8	53
Dibenz(a,h)anthracene	20.0	16.5		ug/L		82	1 - 200	8	75
Fluoranthene	20.0	15.4		ug/L		77	43 - 121	8	40
Fluorene	20.0	16.3		ug/L		81	70 - 120	6	23
Indeno[1,2,3-cd]pyrene	20.0	15.8		ug/L		79	1 - 151	8	60
Naphthalene	20.0	13.1		ug/L		66	36 - 120	2	39
Phenanthrene	20.0	15.6		ug/L		78	65 - 120	7	24
Pyrene	20.0	19.4		ug/L		97	70 - 120	6	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		28 - 127
2-Fluorobiphenyl (Surr)	78		31 - 120
2-Fluorophenol (Surr)	66		17 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120
Phenol-d6 (Surr)	46		10 - 120
p-Terphenyl-d14 (Surr)	100		45 - 120

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-222429-A-1-A MS

Matrix: Water

Analysis Batch: 765058

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19	F1 F2	19.5	0.788	F1	ug/L		4	36 - 120
2-Methylnaphthalene	<0.19	F1 F2	19.5	0.740	F1	ug/L		4	32 - 124
Acenaphthene	<0.19	F1 F2	19.5	0.905	F1	ug/L		5	47 - 145
Acenaphthylene	<0.19	F1 F2	19.5	0.786	F1	ug/L		4	33 - 145
Anthracene	<0.19	F1 F2	19.5	1.28	F1	ug/L		7	27 - 133
Benzo[a]anthracene	<0.19	F1 F2	19.5	1.40	F1	ug/L		7	33 - 143
Benzo[a]pyrene	<0.19	F1 F2	19.5	1.49	F1	ug/L		8	17 - 163
Benzo[b]fluoranthene	<0.19	F1 F2	19.5	1.36	F1	ug/L		7	24 - 159
Benzo[g,h,i]perylene	<0.19	F2	19.5	1.23		ug/L		6	1 - 219
Benzo[k]fluoranthene	<0.19	F1 F2	19.5	1.46	F1	ug/L		7	11 - 162
Chrysene	<0.19	F1 F2	19.5	1.37	F1	ug/L		7	17 - 168
Dibenz(a,h)anthracene	<0.19	F2	19.5	1.37		ug/L		7	1 - 227
Fluoranthene	<0.19	F1 F2	19.5	1.41	F1	ug/L		7	26 - 137
Fluorene	<0.19	F1 F2	19.5	1.09	F1	ug/L		6	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.5	1.33		ug/L		7	1 - 171
Naphthalene	<0.19	F1 F2	19.5	0.601	F1	ug/L		3	21 - 133
Phenanthrene	<0.19	F1 F2	19.5	1.18	F1	ug/L		6	54 - 120
Pyrene	<0.19	F1 F2	19.5	1.39	F1	ug/L		7	52 - 120

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2,4,6-Tribromophenol (Surr)	2	S1-	28 - 127
2-Fluorobiphenyl (Surr)	5	S1-	31 - 120
2-Fluorophenol (Surr)	1	S1-	17 - 120
Nitrobenzene-d5 (Surr)	3	S1-	27 - 120
Phenol-d6 (Surr)	0.9	S1-	10 - 120
p-Terphenyl-d14 (Surr)	7	S1-	45 - 120

Lab Sample ID: 380-222429-A-1-B MSD

Matrix: Water

Analysis Batch: 765058

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19	F1 F2	19.2	13.8	F2	ug/L		72	36 - 120	178	30
2-Methylnaphthalene	<0.19	F1 F2	19.2	12.8	F2	ug/L		67	32 - 124	178	30
Acenaphthene	<0.19	F1 F2	19.2	15.7	F2	ug/L		82	47 - 145	178	48
Acenaphthylene	<0.19	F1 F2	19.2	15.6	F2	ug/L		81	33 - 145	181	74
Anthracene	<0.19	F1 F2	19.2	15.4	F2	ug/L		80	27 - 133	169	66
Benzo[a]anthracene	<0.19	F1 F2	19.2	16.5	F2	ug/L		86	33 - 143	169	53
Benzo[a]pyrene	<0.19	F1 F2	19.2	18.3	F2	ug/L		95	17 - 163	170	72
Benzo[b]fluoranthene	<0.19	F1 F2	19.2	17.2	F2	ug/L		89	24 - 159	171	71
Benzo[g,h,i]perylene	<0.19	F2	19.2	14.7	F2	ug/L		77	1 - 219	169	97
Benzo[k]fluoranthene	<0.19	F1 F2	19.2	16.2	F2	ug/L		84	11 - 162	167	63
Chrysene	<0.19	F1 F2	19.2	16.2	F2	ug/L		84	17 - 168	169	87
Dibenz(a,h)anthracene	<0.19	F2	19.2	15.9	F2	ug/L		83	1 - 227	168	126
Fluoranthene	<0.19	F1 F2	19.2	16.0	F2	ug/L		83	26 - 137	168	66
Fluorene	<0.19	F1 F2	19.2	16.7	F2	ug/L		87	59 - 121	176	38
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.2	15.6	F2	ug/L		81	1 - 171	169	99
Naphthalene	<0.19	F1 F2	19.2	12.7	F2	ug/L		66	21 - 133	182	65

Eurofins Pomona

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-222429-A-1-B MSD

Matrix: Water

Analysis Batch: 765058

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 764228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19	F1 F2	19.2	15.7	F2	ug/L		82	54 - 120	172	39
Pyrene	<0.19	F1 F2	19.2	16.8	F2	ug/L		87	52 - 120	169	49

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	96		28 - 127
2-Fluorobiphenyl (Surr)	80		31 - 120
2-Fluorophenol (Surr)	67		17 - 120
Nitrobenzene-d5 (Surr)	78		27 - 120
Phenol-d6 (Surr)	41		10 - 120
p-Terphenyl-d14 (Surr)	83		45 - 120

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

Lab Sample ID: MB 570-764480/6

Matrix: Water

Analysis Batch: 764480

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			07/06/26 11:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		38 - 134		07/06/26 11:44	1

Lab Sample ID: LCS 570-764480/3

Matrix: Water

Analysis Batch: 764480

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	387		ug/L		97	78 - 120

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

Lab Sample ID: LCSD 570-764480/4

Matrix: Water

Analysis Batch: 764480

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	371		ug/L		93	78 - 120	4	10

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

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-764480/5

Matrix: Water

Analysis Batch: 764480

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	13.0		ug/L		130	50 - 150		
Surrogate	MRL	MRL									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	100		38 - 134								

Lab Sample ID: 380-221326-A-1 MS

Matrix: Water

Analysis Batch: 764480

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)	<10		400	369		ug/L		92	68 - 122		
Surrogate	MS %Recovery	MS Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		38 - 134								

Lab Sample ID: 380-221326-A-1 MSD

Matrix: Water

Analysis Batch: 764480

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	380		ug/L		95	68 - 122	3	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	102		38 - 134								

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

Lab Sample ID: MB 570-764505/1-A

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 764505

	MB	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		07/06/26 09:11	07/12/26 22:36	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		07/06/26 09:11	07/12/26 22:36	1
C8-C18	<25		25	ug/L		07/06/26 09:11	07/12/26 22:36	1
	MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	97		60 - 130			07/06/26 09:11	07/12/26 22:36	1

Lab Sample ID: LCS 570-764505/2-A

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 764505

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1510		ug/L		94	56 - 127

Eurofins Pomona

QC Sample Results

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-764505/2-A

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 764505

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

Lab Sample ID: LCSD 570-764505/3-A

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 764505

	Spike	LCSD	LCSD						%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit			
C10-C28	1600	1480		ug/L		92	56 - 127	2	23			

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	95		60 - 130

Lab Sample ID: MRL 570-764505/4-A

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 764505

	Spike	MRL	MRL						%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits				
C10-C28	0.0200	0.0325	^3+	mg/L		163	50 - 150				

	MRL	MRL	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	93		60 - 130

Lab Sample ID: 380-222429-B-1-B MS

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 764505

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
C10-C28	<25	^3+	1640	1490		ug/L		91	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	87		60 - 130

Lab Sample ID: 380-222429-B-1-C MSD

Matrix: Water

Analysis Batch: 767813

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 764505

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
C10-C28	<25	^3+	1660	1620		ug/L		98	70 - 130	9	20	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	94		60 - 130

QC Association Summary

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 766899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	8260B	
380-222160-2	BWS2254-D2-TB	Total/NA	Water	8260B	
MB 570-766899/6	Method Blank	Total/NA	Water	8260B	
LCS 570-766899/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-766899/4	Lab Control Sample Dup	Total/NA	Water	8260B	
570-286903-A-1 MS	Matrix Spike	Total/NA	Water	8260B	
570-286903-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 764228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	625.1	
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-764228/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-764228/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-222429-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-222429-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 764714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1 SIM	764228
LCS 570-764228/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	764228
LCSD 570-764228/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	764228

Analysis Batch: 765058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	625.1 SIM	764228
380-222429-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	764228
380-222429-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	764228

Analysis Batch: 766469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	625.1	764228
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1	764228

GC VOA

Analysis Batch: 764480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	8015B GRO LL	
380-222160-2	BWS2254-D2-TB	Total/NA	Water	8015B GRO LL	
MB 570-764480/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-764480/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-764480/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-764480/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-221326-A-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-221326-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

QC Association Summary

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA

Prep Batch: 764505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	3510C	
MB 570-764505/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-764505/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-764505/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-764505/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-222429-B-1-B MS	Matrix Spike	Total/NA	Water	3510C	
380-222429-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 767813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222160-1	BWS2254-D2-AQ	Total/NA	Water	8015B	764505
MB 570-764505/1-A	Method Blank	Total/NA	Water	8015B	764505
LCS 570-764505/2-A	Lab Control Sample	Total/NA	Water	8015B	764505
LCSD 570-764505/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	764505
MRL 570-764505/4-A	Lab Control Sample	Total/NA	Water	8015B	764505
380-222429-B-1-B MS	Matrix Spike	Total/NA	Water	8015B	764505
380-222429-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	764505

Lab Chronicle

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

Job ID: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-222160-1

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	766899	N5PD	EET CAL 4	07/10/26 12:31
Total/NA	Prep	625.1			764228	KLZQ	EET CAL 4	07/05/26 08:38
Total/NA	Analysis	625.1		1	766469	UX77	EET CAL 4	07/09/26 19:57
Total/NA	Prep	625.1			764228	KLZQ	EET CAL 4	07/05/26 08:38
Total/NA	Analysis	625.1 SIM		1	765058	PQS1	EET CAL 4	07/07/26 09:41
Total/NA	Analysis	8015B GRO LL		1	764480	A9VE	EET CAL 4	07/06/26 14:49
Total/NA	Prep	3510C			764505	TVD6	EET CAL 4	07/06/26 09:11
Total/NA	Analysis	8015B		1	767813	H6FE	EET CAL 4	07/13/26 00:43

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-222160-2

Date Collected: 06/29/26 11:15

Matrix: Water

Date Received: 06/30/26 10:18

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	766899	N5PD	EET CAL 4	07/10/26 09:32
Total/NA	Analysis	8015B GRO LL		1	764480	A9VE	EET CAL 4	07/06/26 12:52

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: 380-222160-1
SDG: Site D2 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
Texas	NELAP	T104704499	07-31-27
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: 380-222160-1
SDG: Site D2 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: 380-222160-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-222160-1	BWS2254-D2-AQ	Water	06/29/26 11:15	06/30/26 10:18	Hawaii
380-222160-2	BWS2254-D2-TB	Water	06/29/26 11:15	06/30/26 10:18	Hawaii

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



380-222160 COC

[illegible]

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

Chain of Custody Record



eurofins

Envi

Loc: 380

222160

Client Information (Sub Contract Lab)		Sampler: N/A		Lab PM: Lopez, Maria		Carrier Tracking No(s): N/A		COC No: 380-352188.1																																		
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 #: 380-222160-1																																		
Address: 2841 Dow Avenue, Suite 100, Tustin, CA, 92780		Due Date Requested: 7/14/2026		Analysis Requested						Preservation Codes:																																
City: Tustin		TAT Requested (days): N/A		<table border="1"><tr><td rowspan="5">Total Number of containers</td><td>Field Filtered Sample (Yes or No)</td><td>Perform MS/MSD (Yes or No)</td><td>8260B/1630C(MOD) Super Volatiles List</td><td>8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18</td><td>8015B_GRO_LL/1630C(MOD) GRO</td><td>625.1_SIM/625_Prep(MOD) Extended PAH List</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						Total Number of containers	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/1630C(MOD) Super Volatiles List	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/1630C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List																									Other: N/A	
Total Number of containers	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/1630C(MOD) Super Volatiles List								8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/1630C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List																													
State, Zip: CA, 92780		PO #: N/A		<table border="1"><tr><td rowspan="4">Special Instructions/Note:</td><td>Sample Identification - Client ID (Lab ID)</td><td>Sample Date</td><td>Sample Time</td><td>Sample Type (C=comp, G=grab)</td><td>Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)</td><td>Preservation Code:</td></tr><tr><td>BWS2254-D2-AQ (380-222160-1)</td><td>6/29/26</td><td>11:15 Hawaiian</td><td>G</td><td>Water</td><td></td></tr><tr><td>BWS2254-D2-TB (380-222160-2)</td><td>6/29/26</td><td>11:15 Hawaiian</td><td>G</td><td>Water</td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						Special Instructions/Note:	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	BWS2254-D2-AQ (380-222160-1)	6/29/26	11:15 Hawaiian	G	Water		BWS2254-D2-TB (380-222160-2)	6/29/26	11:15 Hawaiian	G	Water															
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Phone: 714-895-5494(Tel)		WFO #: N/A																																								
Email: N/A		Project #: 38000861																																								
Project Name: INTERA - Red-Hill-Incident		SSOW#: N/A																																								
Site: Honolulu BWS Sites																																										
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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.																																										
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																					
Unconfirmed					☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																																					
Deliverable Requested: I, II, III, IV, Other (specify)					Primary Deliverable Rank: 2																																					
Special Instructions/QC Requirements:																																										
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:																																				
Relinquished by: <i>Markus Leos</i>		Date/Time: 6/30/26 15:30		Company: <i>ELAP</i>		Received by: <i>Markus Leos</i>		Date/Time: 6/30/26 15:30																																		
Relinquished by: <i>Markus Leos</i>		Date/Time: 6/30/26 17:09		Company: <i>LAJ</i>		Received by: <i>LAJ</i>		Date/Time: 6/30/26 17:09																																		
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:																																		
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 1.4 / 1.4 IR-8																																						

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-222160-1

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

Login Number: 222160

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: 380-222160-1

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

Login Number: 222160

List Source: Eurofins Calscience

List Number: 2

List Creation: 06/30/26 06:25 PM

Creator: Khana, Piyush

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	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	