

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-199893-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



Authorized for release by
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Definitions/Glossary

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

Job ID: 380-199893-1
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.

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: 380-199893-1

Job ID: 380-199893-1

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Job Narrative 380-199893-1

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 2/25/2026 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C.

GC/MS VOA

Method 8260B: The continuing calibration verification (CCV) associated with batch 570-704408 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: BWS2253-H1-AQ (380-199893-1), BWS2253-H1-TB (380-199893-2) and (CCVIS 570-704408/3).

Method 8260B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 570-704408 recovered outside control limits for the following analytes: Bromomethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) for analytical batch 570-704408 recovered outside control limits for the following analytes: Bromochloromethane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-704408. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC/MS Semi VOA

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: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

No Detections.

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-199893-2

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: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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			03/05/26 02:14	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			03/05/26 02:14	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/05/26 02:14	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/05/26 02:14	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/05/26 02:14	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/05/26 02:14	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/05/26 02:14	1
2-Butanone	<10		10	ug/L			03/05/26 02:14	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/05/26 02:14	1
2-Hexanone	<10		10	ug/L			03/05/26 02:14	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/05/26 02:14	1
Acetone	<10		10	ug/L			03/05/26 02:14	1
Benzene	<0.50		0.50	ug/L			03/05/26 02:14	1
Bromobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
Bromochloromethane	<2.0	+	2.0	ug/L			03/05/26 02:14	1
Bromodichloromethane	<1.0		1.0	ug/L			03/05/26 02:14	1
Bromoform	<5.0		5.0	ug/L			03/05/26 02:14	1
Bromomethane	<10	+	10	ug/L			03/05/26 02:14	1
Carbon disulfide	<10		10	ug/L			03/05/26 02:14	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/05/26 02:14	1
Chlorobenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
Chloroethane	<5.0		5.0	ug/L			03/05/26 02:14	1
Chloroform	<1.0		1.0	ug/L			03/05/26 02:14	1
Chloromethane	<10		10	ug/L			03/05/26 02:14	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/05/26 02:14	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/05/26 02:14	1
Dibromochloromethane	<2.0		2.0	ug/L			03/05/26 02:14	1
Dibromomethane	<1.0		1.0	ug/L			03/05/26 02:14	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/05/26 02:14	1
Diethyl ether	<10		10	ug/L			03/05/26 02:14	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/05/26 02:14	1
Ethanol	<100		100	ug/L			03/05/26 02:14	1
Ethylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/05/26 02:14	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			03/05/26 02:14	1

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Client Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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			03/05/26 02:14	1
Hexane	<5.0		5.0	ug/L			03/05/26 02:14	1
Isobutyl alcohol	<75		75	ug/L			03/05/26 02:14	1
Isopropanol	<75		75	ug/L			03/05/26 02:14	1
Isopropylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
m,p-Xylene	<2.0		2.0	ug/L			03/05/26 02:14	1
Methylene Chloride	<10		10	ug/L			03/05/26 02:14	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/05/26 02:14	1
MIBK	<10		10	ug/L			03/05/26 02:14	1
Naphthalene	<10		10	ug/L			03/05/26 02:14	1
n-Butylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
N-Propylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
o-Xylene	<1.0		1.0	ug/L			03/05/26 02:14	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/05/26 02:14	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
Styrene	<1.0		1.0	ug/L			03/05/26 02:14	1
tert-Amyl alcohol	<50		50	ug/L			03/05/26 02:14	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/05/26 02:14	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/05/26 02:14	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/05/26 02:14	1
Tetrachloroethene	<1.0		1.0	ug/L			03/05/26 02:14	1
Toluene	<1.0		1.0	ug/L			03/05/26 02:14	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/05/26 02:14	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/05/26 02:14	1
Trichloroethene	<1.0		1.0	ug/L			03/05/26 02:14	1
Trichlorofluoromethane	<10		10	ug/L			03/05/26 02:14	1
Vinyl acetate	<10		10	ug/L			03/05/26 02:14	1
Vinyl chloride	<0.50		0.50	ug/L			03/05/26 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		03/05/26 02:14	1
4-Bromofluorobenzene (Surr)	99		80 - 120		03/05/26 02:14	1
Dibromofluoromethane (Surr)	99		80 - 120		03/05/26 02:14	1
Toluene-d8 (Surr)	110		80 - 120		03/05/26 02:14	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		02/27/26 17:45	03/02/26 15:49	1
2-Methylnaphthalene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Acenaphthene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Acenaphthylene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Anthracene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Benzo[a]anthracene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Benzo[a]pyrene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Chrysene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Dibenz[a,h]anthracene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Fluoranthene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1

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Client Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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		02/27/26 17:45	03/02/26 15:49	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Naphthalene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Phenanthrene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1
Pyrene	<0.19		0.19	ug/L		02/27/26 17:45	03/02/26 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	109		28 - 127	02/27/26 17:45	03/02/26 15:49	1
2-Fluorobiphenyl (Surr)	98		31 - 120	02/27/26 17:45	03/02/26 15:49	1
2-Fluorophenol (Surr)	61		17 - 120	02/27/26 17:45	03/02/26 15:49	1
Nitrobenzene-d5 (Surr)	97		27 - 120	02/27/26 17:45	03/02/26 15:49	1
Phenol-d6 (Surr)	37		10 - 120	02/27/26 17:45	03/02/26 15:49	1
p-Terphenyl-d14 (Surr)	85		45 - 120	02/27/26 17:45	03/02/26 15:49	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	7.0	T J N	ug/L		6.97	128-37-0	02/27/26 17:45	03/02/26 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		33 - 139	02/27/26 17:45	03/02/26 17:56	1
2-Fluorobiphenyl (Surr)	78		33 - 126	02/27/26 17:45	03/02/26 17:56	1
2-Fluorophenol (Surr)	51		12 - 120	02/27/26 17:45	03/02/26 17:56	1
Nitrobenzene-d5 (Surr)	84		36 - 120	02/27/26 17:45	03/02/26 17:56	1
Phenol-d6 (Surr)	33		10 - 120	02/27/26 17:45	03/02/26 17:56	1
p-Terphenyl-d14 (Surr)	73		47 - 131	02/27/26 17:45	03/02/26 17:56	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			03/04/26 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		38 - 134		03/04/26 12:51	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		03/01/26 09:19	03/08/26 16:33	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		03/01/26 09:19	03/08/26 16:33	1
C8-C18	<25		25	ug/L		03/01/26 09:19	03/08/26 16:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	79		60 - 130	03/01/26 09:19	03/08/26 16:33	1

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-199893-2

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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			03/04/26 23:23	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/04/26 23:23	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/04/26 23:23	1

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Client Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-199893-2

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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			03/04/26 23:23	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/04/26 23:23	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/04/26 23:23	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/04/26 23:23	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/04/26 23:23	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/04/26 23:23	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/04/26 23:23	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/04/26 23:23	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/04/26 23:23	1
2-Butanone	<10		10	ug/L			03/04/26 23:23	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/04/26 23:23	1
2-Hexanone	<10		10	ug/L			03/04/26 23:23	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/04/26 23:23	1
Acetone	<10		10	ug/L			03/04/26 23:23	1
Benzene	<0.50		0.50	ug/L			03/04/26 23:23	1
Bromobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
Bromochloromethane	<2.0	*+	2.0	ug/L			03/04/26 23:23	1
Bromodichloromethane	<1.0		1.0	ug/L			03/04/26 23:23	1
Bromoform	<5.0		5.0	ug/L			03/04/26 23:23	1
Bromomethane	<10	*+	10	ug/L			03/04/26 23:23	1
Carbon disulfide	<10		10	ug/L			03/04/26 23:23	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/04/26 23:23	1
Chlorobenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
Chloroethane	<5.0		5.0	ug/L			03/04/26 23:23	1
Chloroform	<1.0		1.0	ug/L			03/04/26 23:23	1
Chloromethane	<10		10	ug/L			03/04/26 23:23	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/04/26 23:23	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/04/26 23:23	1
Dibromochloromethane	<2.0		2.0	ug/L			03/04/26 23:23	1
Dibromomethane	<1.0		1.0	ug/L			03/04/26 23:23	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/04/26 23:23	1
Diethyl ether	<10		10	ug/L			03/04/26 23:23	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/04/26 23:23	1
Ethanol	<100		100	ug/L			03/04/26 23:23	1
Ethylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/04/26 23:23	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L			03/04/26 23:23	1
Hexachloro-1,3-butadiene	<10		10	ug/L			03/04/26 23:23	1
Hexane	<5.0		5.0	ug/L			03/04/26 23:23	1
Isobutyl alcohol	<75		75	ug/L			03/04/26 23:23	1

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Client Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-199893-2

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75	ug/L			03/04/26 23:23	1
Isopropylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
m,p-Xylene	<2.0		2.0	ug/L			03/04/26 23:23	1
Methylene Chloride	<10		10	ug/L			03/04/26 23:23	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/04/26 23:23	1
MIBK	<10		10	ug/L			03/04/26 23:23	1
Naphthalene	<10		10	ug/L			03/04/26 23:23	1
n-Butylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
N-Propylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
o-Xylene	<1.0		1.0	ug/L			03/04/26 23:23	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/04/26 23:23	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
Styrene	<1.0		1.0	ug/L			03/04/26 23:23	1
tert-Amyl alcohol	<50		50	ug/L			03/04/26 23:23	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/04/26 23:23	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/04/26 23:23	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/04/26 23:23	1
Tetrachloroethene	<1.0		1.0	ug/L			03/04/26 23:23	1
Toluene	<1.0		1.0	ug/L			03/04/26 23:23	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/04/26 23:23	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/04/26 23:23	1
Trichloroethene	<1.0		1.0	ug/L			03/04/26 23:23	1
Trichlorofluoromethane	<10		10	ug/L			03/04/26 23:23	1
Vinyl acetate	<10		10	ug/L			03/04/26 23:23	1
Vinyl chloride	<0.50		0.50	ug/L			03/04/26 23:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		80 - 120		03/04/26 23:23	1
4-Bromofluorobenzene (Surr)	103		80 - 120		03/04/26 23:23	1
Dibromofluoromethane (Surr)	99		80 - 120		03/04/26 23:23	1
Toluene-d8 (Surr)	109		80 - 120		03/04/26 23:23	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			03/04/26 17:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		38 - 134		03/04/26 17:42	1

Action Limit Summary

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

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: 380-199893-2

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: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-199893-2

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: 380-199893-1
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)
380-199893-1	BWS2253-H1-AQ	93	99	99	110
380-199893-2	BWS2253-H1-TB	91	103	99	109
LCS 570-704408/1003	Lab Control Sample	90	109	96	105
LCSD 570-704408/4	Lab Control Sample Dup	91	110	96	104
MB 570-704408/9	Method Blank	90	101	97	106

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)
380-199893-1	BWS2253-H1-AQ	84	78	51	84	33	73
MB 570-702398/1-A	Method Blank	90	77	56	94	36	79

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)
380-199893-1	BWS2253-H1-AQ	109	98	61	97	37	85
380-199926-A-1-A MS	Matrix Spike	101	93	72	81	44	95
380-199926-C-1-A MSD	Matrix Spike Duplicate	110	100	79	88	50	100
LCS 570-702398/2-A	Lab Control Sample	109	99	82	85	51	103
LCSD 570-702398/3-A	Lab Control Sample Dup	109	96	80	102	49	98
MB 570-702398/1-A	Method Blank	114	95	64	96	37	86

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: 380-199893-1
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)
380-199893-1	BWS2253-H1-AQ	89
380-199893-2	BWS2253-H1-TB	92
380-199926-B-1 MSD	Matrix Spike Duplicate	89
380-199926-C-1 MS	Matrix Spike	93
LCS 570-704128/3	Lab Control Sample	79
LCSD 570-704128/4	Lab Control Sample Dup	87
MB 570-704128/5	Method Blank	82
MRL 570-704128/6	Lab Control Sample	79
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)
380-199893-1	BWS2253-H1-AQ	79
380-199926-A-1-C MSD	Matrix Spike Duplicate	91
380-199926-B-1-A MS	Matrix Spike	91
LCS 570-702755/2-A	Lab Control Sample	94
LCSD 570-702755/3-A	Lab Control Sample Dup	95
MB 570-702755/1-A	Method Blank	87
MRL 570-702755/4-A	Lab Control Sample	96
Surrogate Legend		
OTCSN = n-Octacosane (Surr)		

QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-704408/9

Matrix: Water

Analysis Batch: 704408

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			03/04/26 21:36	1
1,1,1-Trichloroethane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10	ug/L			03/04/26 21:36	1
1,1,2-Trichloroethane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,1-Dichloroethane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,1-Dichloroethene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,1-Dichloropropene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,2,3-Trichlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,2,3-Trichloropropane	<5.0		5.0	ug/L			03/04/26 21:36	1
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,2-Dibromo-3-Chloropropane	<10		10	ug/L			03/04/26 21:36	1
1,2-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,2-Dichloroethane	<0.50		0.50	ug/L			03/04/26 21:36	1
1,2-Dichloropropane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,3-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
1,3-Dichloropropane	<1.0		1.0	ug/L			03/04/26 21:36	1
1,4-Dichlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
2,2-Dichloropropane	<1.0		1.0	ug/L			03/04/26 21:36	1
2-Butanone	<10		10	ug/L			03/04/26 21:36	1
2-Chlorotoluene	<1.0		1.0	ug/L			03/04/26 21:36	1
2-Hexanone	<10		10	ug/L			03/04/26 21:36	1
4-Chlorotoluene	<1.0		1.0	ug/L			03/04/26 21:36	1
Acetone	<10		10	ug/L			03/04/26 21:36	1
Benzene	<0.50		0.50	ug/L			03/04/26 21:36	1
Bromobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
Bromochloromethane	<2.0		2.0	ug/L			03/04/26 21:36	1
Bromodichloromethane	<1.0		1.0	ug/L			03/04/26 21:36	1
Bromoform	<5.0		5.0	ug/L			03/04/26 21:36	1
Bromomethane	<10		10	ug/L			03/04/26 21:36	1
Carbon disulfide	<10		10	ug/L			03/04/26 21:36	1
Carbon tetrachloride	<0.50		0.50	ug/L			03/04/26 21:36	1
Chlorobenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
Chloroethane	<5.0		5.0	ug/L			03/04/26 21:36	1
Chloroform	<1.0		1.0	ug/L			03/04/26 21:36	1
Chloromethane	<10		10	ug/L			03/04/26 21:36	1
cis-1,2-Dichloroethene	<1.0		1.0	ug/L			03/04/26 21:36	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			03/04/26 21:36	1
Dibromochloromethane	<2.0		2.0	ug/L			03/04/26 21:36	1
Dibromomethane	<1.0		1.0	ug/L			03/04/26 21:36	1
Dichlorodifluoromethane	<5.0		5.0	ug/L			03/04/26 21:36	1
Diethyl ether	<10		10	ug/L			03/04/26 21:36	1
Di-isopropyl ether (DIPE)	<2.0		2.0	ug/L			03/04/26 21:36	1
Ethanol	<100		100	ug/L			03/04/26 21:36	1
Ethylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
Ethylene Dibromide	<1.0		1.0	ug/L			03/04/26 21:36	1

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-704408/9

Matrix: Water

Analysis Batch: 704408

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			03/04/26 21:36	1
Hexachloro-1,3-butadiene	<10		10	ug/L			03/04/26 21:36	1
Hexane	<5.0		5.0	ug/L			03/04/26 21:36	1
Isobutyl alcohol	<75		75	ug/L			03/04/26 21:36	1
Isopropanol	<75		75	ug/L			03/04/26 21:36	1
Isopropylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
m,p-Xylene	<2.0		2.0	ug/L			03/04/26 21:36	1
Methylene Chloride	<10		10	ug/L			03/04/26 21:36	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L			03/04/26 21:36	1
MIBK	<10		10	ug/L			03/04/26 21:36	1
Naphthalene	<10		10	ug/L			03/04/26 21:36	1
n-Butylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
N-Propylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
o-Xylene	<1.0		1.0	ug/L			03/04/26 21:36	1
p-Isopropyltoluene	<1.0		1.0	ug/L			03/04/26 21:36	1
sec-Butylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
Styrene	<1.0		1.0	ug/L			03/04/26 21:36	1
tert-Amyl alcohol	<50		50	ug/L			03/04/26 21:36	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0	ug/L			03/04/26 21:36	1
tert-Butyl alcohol (TBA)	<10		10	ug/L			03/04/26 21:36	1
tert-Butylbenzene	<1.0		1.0	ug/L			03/04/26 21:36	1
Tetrachloroethene	<1.0		1.0	ug/L			03/04/26 21:36	1
Toluene	<1.0		1.0	ug/L			03/04/26 21:36	1
trans-1,2-Dichloroethene	<1.0		1.0	ug/L			03/04/26 21:36	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			03/04/26 21:36	1
Trichloroethene	<1.0		1.0	ug/L			03/04/26 21:36	1
Trichlorofluoromethane	<10		10	ug/L			03/04/26 21:36	1
Vinyl acetate	<10		10	ug/L			03/04/26 21:36	1
Vinyl chloride	<0.50		0.50	ug/L			03/04/26 21:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		80 - 120		03/04/26 21:36	1
4-Bromofluorobenzene (Surr)	101		80 - 120		03/04/26 21:36	1
Dibromofluoromethane (Surr)	97		80 - 120		03/04/26 21:36	1
Toluene-d8 (Surr)	106		80 - 120		03/04/26 21:36	1

Lab Sample ID: LCS 570-704408/1003

Matrix: Water

Analysis Batch: 704408

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	19.9		ug/L		100	83 - 120
1,1,1-Trichloroethane	20.0	18.7		ug/L		94	78 - 123
1,1,2,2-Tetrachloroethane	20.0	19.4		ug/L		97	74 - 125
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.5		ug/L		92	72 - 130
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	82 - 120
1,1-Dichloroethane	20.0	18.0		ug/L		90	79 - 122
1,1-Dichloroethene	20.0	18.0		ug/L		90	74 - 127

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-704408/1003

Matrix: Water

Analysis Batch: 704408

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	17.5		ug/L		88	75 - 124
1,2,3-Trichlorobenzene	20.0	18.5		ug/L		92	71 - 126
1,2,3-Trichloropropane	20.0	21.8		ug/L		109	73 - 121
1,2,4-Trichlorobenzene	20.0	18.9		ug/L		95	70 - 130
1,2,4-Trimethylbenzene	20.0	19.3		ug/L		97	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	18.4		ug/L		92	64 - 127
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	78 - 122
1,2-Dichloroethane	20.0	18.9		ug/L		94	76 - 123
1,2-Dichloropropane	20.0	17.5		ug/L		88	82 - 120
1,3,5-Trimethylbenzene	20.0	21.5		ug/L		108	79 - 124
1,3-Dichlorobenzene	20.0	20.1		ug/L		101	81 - 120
1,3-Dichloropropane	20.0	18.6		ug/L		93	82 - 120
1,4-Dichlorobenzene	20.0	19.5		ug/L		98	78 - 121
2,2-Dichloropropane	20.0	20.0		ug/L		100	69 - 133
2-Butanone	20.0	16.5		ug/L		82	55 - 142
2-Chlorotoluene	20.0	21.4		ug/L		107	80 - 120
2-Hexanone	20.0	17.5		ug/L		87	54 - 138
4-Chlorotoluene	20.0	19.5		ug/L		97	80 - 121
Acetone	20.0	17.0		ug/L		85	50 - 157
Benzene	20.0	19.3		ug/L		97	80 - 120
Bromobenzene	20.0	21.3		ug/L		107	80 - 120
Bromochloromethane	20.0	25.5	*+	ug/L		128	83 - 123
Bromodichloromethane	20.0	20.6		ug/L		103	83 - 120
Bromoform	20.0	19.7		ug/L		98	75 - 128
Bromomethane	20.0	33.9	*+	ug/L		170	31 - 120
Carbon disulfide	20.0	20.4		ug/L		102	71 - 128
Carbon tetrachloride	20.0	21.6		ug/L		108	72 - 135
Chlorobenzene	20.0	20.0		ug/L		100	84 - 120
Chloroethane	20.0	19.0		ug/L		95	72 - 129
Chloroform	20.0	18.7		ug/L		94	79 - 120
Chloromethane	20.0	16.2		ug/L		81	36 - 148
cis-1,2-Dichloroethene	20.0	18.9		ug/L		94	81 - 120
cis-1,3-Dichloropropene	20.0	18.7		ug/L		93	76 - 125
Dibromochloromethane	20.0	20.8		ug/L		104	82 - 120
Dibromomethane	20.0	20.4		ug/L		102	85 - 120
Dichlorodifluoromethane	20.0	25.7		ug/L		129	52 - 147
Diethyl ether	20.0	15.2		ug/L		76	71 - 127
Di-isopropyl ether (DIPE)	20.0	16.0		ug/L		80	70 - 132
Ethanol	200	223		ug/L		112	48 - 163
Ethylbenzene	20.0	19.7		ug/L		99	81 - 120
Ethylene Dibromide	20.0	19.3		ug/L		96	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	15.1		ug/L		76	68 - 126
Isopropylbenzene	20.0	20.5		ug/L		103	80 - 122
m,p-Xylene	40.0	41.2		ug/L		103	79 - 122
Methylene Chloride	20.0	19.4		ug/L		97	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	15.9		ug/L		79	70 - 124
MIBK	20.0	16.7		ug/L		84	57 - 133
Naphthalene	20.0	15.6		ug/L		78	64 - 124
n-Butylbenzene	20.0	18.6		ug/L		93	78 - 127

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-704408/1003

Matrix: Water

Analysis Batch: 704408

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		104	80 - 121
o-Xylene	20.0	20.8		ug/L		104	81 - 120
p-Isopropyltoluene	20.0	19.2		ug/L		96	81 - 124
sec-Butylbenzene	20.0	19.0		ug/L		95	80 - 123
Styrene	20.0	21.0		ug/L		105	82 - 120
tert-Amyl alcohol	100	88.2		ug/L		88	30 - 157
Tert-amyl-methyl ether (TAME)	20.0	17.1		ug/L		86	71 - 121
tert-Butyl alcohol (TBA)	100	95.2		ug/L		95	68 - 128
tert-Butylbenzene	20.0	19.1		ug/L		95	80 - 124
Tetrachloroethene	20.0	20.0		ug/L		100	78 - 126
Toluene	20.0	21.2		ug/L		106	82 - 120
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	79 - 122
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	73 - 127
Trichloroethene	20.0	18.5		ug/L		93	83 - 120
Trichlorofluoromethane	20.0	27.0		ug/L		135	74 - 135
Vinyl acetate	20.0	15.4		ug/L		77	56 - 135
Vinyl chloride	20.0	19.3		ug/L		96	68 - 131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		80 - 120
4-Bromofluorobenzene (Surr)	109		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	105		80 - 120

Lab Sample ID: LCSD 570-704408/4

Matrix: Water

Analysis Batch: 704408

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	19.1		ug/L		95	83 - 120	4	20
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	78 - 123	4	20
1,1,2,2-Tetrachloroethane	20.0	18.1		ug/L		90	74 - 125	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.1		ug/L		91	72 - 130	2	20
1,1,2-Trichloroethane	20.0	17.9		ug/L		89	82 - 120	9	20
1,1-Dichloroethane	20.0	17.2		ug/L		86	79 - 122	4	20
1,1-Dichloroethene	20.0	17.0		ug/L		85	74 - 127	6	20
1,1-Dichloropropene	20.0	16.9		ug/L		85	75 - 124	3	20
1,2,3-Trichlorobenzene	20.0	17.6		ug/L		88	71 - 126	5	20
1,2,3-Trichloropropane	20.0	20.4		ug/L		102	73 - 121	7	20
1,2,4-Trichlorobenzene	20.0	17.8		ug/L		89	70 - 130	6	20
1,2,4-Trimethylbenzene	20.0	18.1		ug/L		90	80 - 125	7	20
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/L		85	64 - 127	7	20
1,2-Dichlorobenzene	20.0	18.9		ug/L		95	78 - 122	6	20
1,2-Dichloroethane	20.0	18.6		ug/L		93	76 - 123	2	20
1,2-Dichloropropane	20.0	17.1		ug/L		85	82 - 120	3	20
1,3,5-Trimethylbenzene	20.0	19.9		ug/L		100	79 - 124	8	20
1,3-Dichlorobenzene	20.0	18.7		ug/L		94	81 - 120	7	20
1,3-Dichloropropane	20.0	17.6		ug/L		88	82 - 120	5	20

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-704408/4

Matrix: Water

Analysis Batch: 704408

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	18.3		ug/L		91	78 - 121	7	20
2,2-Dichloropropane	20.0	19.1		ug/L		96	69 - 133	4	20
2-Butanone	20.0	16.8		ug/L		84	55 - 142	2	21
2-Chlorotoluene	20.0	19.9		ug/L		99	80 - 120	7	20
2-Hexanone	20.0	16.8		ug/L		84	54 - 138	4	21
4-Chlorotoluene	20.0	18.2		ug/L		91	80 - 121	7	20
Acetone	20.0	16.8		ug/L		84	50 - 157	1	26
Benzene	20.0	18.8		ug/L		94	80 - 120	3	20
Bromobenzene	20.0	20.1		ug/L		101	80 - 120	6	20
Bromochloromethane	20.0	24.2		ug/L		121	83 - 123	5	20
Bromodichloromethane	20.0	20.0		ug/L		100	83 - 120	3	20
Bromoform	20.0	18.9		ug/L		94	75 - 128	4	20
Bromomethane	20.0	31.5	*+	ug/L		158	31 - 120	7	22
Carbon disulfide	20.0	19.1		ug/L		96	71 - 128	6	20
Carbon tetrachloride	20.0	21.4		ug/L		107	72 - 135	1	20
Chlorobenzene	20.0	19.1		ug/L		95	84 - 120	5	20
Chloroethane	20.0	17.6		ug/L		88	72 - 129	7	20
Chloroform	20.0	18.1		ug/L		91	79 - 120	3	20
Chloromethane	20.0	15.1		ug/L		75	36 - 148	7	20
cis-1,2-Dichloroethene	20.0	18.5		ug/L		92	81 - 120	2	20
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	76 - 125	4	20
Dibromochloromethane	20.0	20.0		ug/L		100	82 - 120	4	20
Dibromomethane	20.0	19.6		ug/L		98	85 - 120	4	20
Dichlorodifluoromethane	20.0	23.8		ug/L		119	52 - 147	8	20
Diethyl ether	20.0	15.1		ug/L		76	71 - 127	1	20
Di-isopropyl ether (DIPE)	20.0	15.7		ug/L		79	70 - 132	2	20
Ethanol	200	219		ug/L		110	48 - 163	2	30
Ethylbenzene	20.0	18.6		ug/L		93	81 - 120	6	20
Ethylene Dibromide	20.0	18.5		ug/L		92	81 - 120	4	20
Ethyl-t-butyl ether (ETBE)	20.0	15.3		ug/L		76	68 - 126	1	20
Isopropylbenzene	20.0	19.0		ug/L		95	80 - 122	8	20
m,p-Xylene	40.0	39.0		ug/L		98	79 - 122	5	20
Methylene Chloride	20.0	18.6		ug/L		93	76 - 120	4	20
Methyl-t-Butyl Ether (MTBE)	20.0	16.0		ug/L		80	70 - 124	1	20
MIBK	20.0	16.6		ug/L		83	57 - 133	1	20
Naphthalene	20.0	14.5		ug/L		72	64 - 124	7	20
n-Butylbenzene	20.0	17.1		ug/L		85	78 - 127	9	20
N-Propylbenzene	20.0	19.3		ug/L		96	80 - 121	7	20
o-Xylene	20.0	19.5		ug/L		97	81 - 120	7	20
p-Isopropyltoluene	20.0	17.6		ug/L		88	81 - 124	9	20
sec-Butylbenzene	20.0	17.7		ug/L		89	80 - 123	7	20
Styrene	20.0	19.5		ug/L		98	82 - 120	7	20
tert-Amyl alcohol	100	85.5		ug/L		86	30 - 157	3	30
Tert-amyl-methyl ether (TAME)	20.0	17.5		ug/L		88	71 - 121	2	20
tert-Butyl alcohol (TBA)	100	92.9		ug/L		93	68 - 128	2	20
tert-Butylbenzene	20.0	17.1		ug/L		86	80 - 124	11	20
Tetrachloroethene	20.0	18.3		ug/L		92	78 - 126	9	20
Toluene	20.0	19.9		ug/L		99	82 - 120	6	20
trans-1,2-Dichloroethene	20.0	17.8		ug/L		89	79 - 122	3	20

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-704408/4

Matrix: Water

Analysis Batch: 704408

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	17.4		ug/L		87	73 - 127	8	20
Trichloroethene	20.0	18.1		ug/L		90	83 - 120	2	20
Trichlorofluoromethane	20.0	25.5		ug/L		128	74 - 135	6	20
Vinyl acetate	20.0	15.4		ug/L		77	56 - 135	0	24
Vinyl chloride	20.0	18.1		ug/L		90	68 - 131	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		80 - 120
4-Bromofluorobenzene (Surr)	110		80 - 120
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	104		80 - 120

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

Lab Sample ID: MB 570-702398/1-A

Matrix: Water

Analysis Batch: 702941

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702398

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	02/27/26 17:44	03/02/26 10:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		33 - 139	02/27/26 17:44	03/02/26 10:16	1
2-Fluorobiphenyl (Surr)	77		33 - 126	02/27/26 17:44	03/02/26 10:16	1
2-Fluorophenol (Surr)	56		12 - 120	02/27/26 17:44	03/02/26 10:16	1
Nitrobenzene-d5 (Surr)	94		36 - 120	02/27/26 17:44	03/02/26 10:16	1
Phenol-d6 (Surr)	36		10 - 120	02/27/26 17:44	03/02/26 10:16	1
p-Terphenyl-d14 (Surr)	79		47 - 131	02/27/26 17:44	03/02/26 10:16	1

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

Lab Sample ID: MB 570-702398/1-A

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702398

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
2-Methylnaphthalene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Acenaphthene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Acenaphthylene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Anthracene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Benzo[a]anthracene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Benzo[a]pyrene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Chrysene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-702398/1-A

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702398

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Fluorene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Naphthalene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Phenanthrene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1
Pyrene	<0.20		0.20	ug/L		02/27/26 17:44	03/02/26 08:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	114		28 - 127	02/27/26 17:44	03/02/26 08:54	1
2-Fluorobiphenyl (Surr)	95		31 - 120	02/27/26 17:44	03/02/26 08:54	1
2-Fluorophenol (Surr)	64		17 - 120	02/27/26 17:44	03/02/26 08:54	1
Nitrobenzene-d5 (Surr)	96		27 - 120	02/27/26 17:44	03/02/26 08:54	1
Phenol-d6 (Surr)	37		10 - 120	02/27/26 17:44	03/02/26 08:54	1
p-Terphenyl-d14 (Surr)	86		45 - 120	02/27/26 17:44	03/02/26 08:54	1

Lab Sample ID: LCS 570-702398/2-A

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	17.0		ug/L		85	47 - 120
2-Methylnaphthalene	20.0	16.9		ug/L		85	43 - 120
Acenaphthene	20.0	20.4		ug/L		102	60 - 132
Acenaphthylene	20.0	14.6		ug/L		73	54 - 126
Anthracene	20.0	20.1		ug/L		100	43 - 120
Benzo[a]anthracene	20.0	21.9		ug/L		109	42 - 133
Benzo[a]pyrene	20.0	24.6		ug/L		123	32 - 148
Benzo[b]fluoranthene	20.0	23.4		ug/L		117	42 - 140
Benzo[g,h,i]perylene	20.0	21.8		ug/L		109	1 - 195
Benzo[k]fluoranthene	20.0	21.5		ug/L		107	25 - 146
Chrysene	20.0	21.1		ug/L		105	44 - 140
Dibenz[a,h]anthracene	20.0	22.3		ug/L		111	1 - 200
Fluoranthene	20.0	21.9		ug/L		110	43 - 121
Fluorene	20.0	21.8		ug/L		109	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	23.4		ug/L		117	1 - 151
Naphthalene	20.0	16.3		ug/L		82	36 - 120
Phenanthrene	20.0	21.3		ug/L		106	65 - 120
Pyrene	20.0	22.0		ug/L		110	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	109		28 - 127
2-Fluorobiphenyl (Surr)	99		31 - 120
2-Fluorophenol (Surr)	82		17 - 120
Nitrobenzene-d5 (Surr)	85		27 - 120
Phenol-d6 (Surr)	51		10 - 120
p-Terphenyl-d14 (Surr)	103		45 - 120

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-702398/3-A

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	20.1		ug/L		101	47 - 120	17	20
2-Methylnaphthalene	20.0	20.2		ug/L		101	43 - 120	18	20
Acenaphthene	20.0	20.4		ug/L		102	60 - 132	0	29
Acenaphthylene	20.0	13.9		ug/L		70	54 - 126	4	45
Anthracene	20.0	20.8		ug/L		104	43 - 120	3	40
Benzo[a]anthracene	20.0	21.9		ug/L		110	42 - 133	0	32
Benzo[a]pyrene	20.0	24.2		ug/L		121	32 - 148	1	43
Benzo[b]fluoranthene	20.0	23.4		ug/L		117	42 - 140	0	43
Benzo[g,h,i]perylene	20.0	22.3		ug/L		111	1 - 195	2	61
Benzo[k]fluoranthene	20.0	21.4		ug/L		107	25 - 146	0	38
Chrysene	20.0	21.1		ug/L		106	44 - 140	0	53
Dibenz(a,h)anthracene	20.0	23.5		ug/L		118	1 - 200	6	75
Fluoranthene	20.0	22.4		ug/L		112	43 - 121	2	40
Fluorene	20.0	21.3		ug/L		106	70 - 120	3	23
Indeno[1,2,3-cd]pyrene	20.0	24.4		ug/L		122	1 - 151	4	60
Naphthalene	20.0	20.8		ug/L		104	36 - 120	24	39
Phenanthrene	20.0	21.7		ug/L		108	65 - 120	2	24
Pyrene	20.0	21.4		ug/L		107	70 - 120	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	109		28 - 127
2-Fluorobiphenyl (Surr)	96		31 - 120
2-Fluorophenol (Surr)	80		17 - 120
Nitrobenzene-d5 (Surr)	102		27 - 120
Phenol-d6 (Surr)	49		10 - 120
p-Terphenyl-d14 (Surr)	98		45 - 120

Lab Sample ID: 380-199926-A-1-A MS

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 702398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
1-Methylnaphthalene	<0.19		19.4	15.6		ug/L		80	36 - 120
2-Methylnaphthalene	<0.19		19.4	15.3		ug/L		79	32 - 124
Acenaphthene	<0.19		19.4	18.2		ug/L		94	47 - 145
Acenaphthylene	<0.19		19.4	12.8		ug/L		66	33 - 145
Anthracene	<0.19		19.4	18.5		ug/L		95	27 - 133
Benzo[a]anthracene	<0.19		19.4	19.8		ug/L		102	33 - 143
Benzo[a]pyrene	<0.19		19.4	21.8		ug/L		112	17 - 163
Benzo[b]fluoranthene	<0.19		19.4	20.6		ug/L		106	24 - 159
Benzo[g,h,i]perylene	<0.19		19.4	19.6		ug/L		101	1 - 219
Benzo[k]fluoranthene	<0.19		19.4	19.7		ug/L		101	11 - 162
Chrysene	<0.19		19.4	18.7		ug/L		96	17 - 168
Dibenz(a,h)anthracene	<0.19		19.4	20.6		ug/L		106	1 - 227
Fluoranthene	<0.19		19.4	19.7		ug/L		101	26 - 137
Fluorene	<0.19		19.4	19.3		ug/L		99	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.4	21.4		ug/L		110	1 - 171
Naphthalene	<0.19		19.4	15.0		ug/L		77	21 - 133

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-199926-A-1-A MS

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 702398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	<0.19		19.4	19.3		ug/L		99	54 - 120
Pyrene	<0.19		19.4	19.6		ug/L		101	52 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	101		28 - 127
2-Fluorobiphenyl (Surr)	93		31 - 120
2-Fluorophenol (Surr)	72		17 - 120
Nitrobenzene-d5 (Surr)	81		27 - 120
Phenol-d6 (Surr)	44		10 - 120
p-Terphenyl-d14 (Surr)	95		45 - 120

Lab Sample ID: 380-199926-C-1-A MSD

Matrix: Water

Analysis Batch: 702938

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 702398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.6	17.2		ug/L		88	36 - 120	10	30
2-Methylnaphthalene	<0.19		19.6	16.8		ug/L		86	32 - 124	10	30
Acenaphthene	<0.19		19.6	20.6		ug/L		105	47 - 145	12	48
Acenaphthylene	<0.19		19.6	14.5		ug/L		74	33 - 145	13	74
Anthracene	<0.19		19.6	20.7		ug/L		105	27 - 133	11	66
Benzo[a]anthracene	<0.19		19.6	21.9		ug/L		112	33 - 143	10	53
Benzo[a]pyrene	<0.19		19.6	24.1		ug/L		123	17 - 163	10	72
Benzo[b]fluoranthene	<0.19		19.6	22.7		ug/L		116	24 - 159	10	71
Benzo[g,h,i]perylene	<0.19		19.6	21.4		ug/L		109	1 - 219	9	97
Benzo[k]fluoranthene	<0.19		19.6	21.5		ug/L		110	11 - 162	9	63
Chrysene	<0.19		19.6	20.8		ug/L		106	17 - 168	11	87
Dibenz(a,h)anthracene	<0.19		19.6	22.3		ug/L		114	1 - 227	8	126
Fluoranthene	<0.19		19.6	22.0		ug/L		112	26 - 137	11	66
Fluorene	<0.19		19.6	21.8		ug/L		111	59 - 121	12	38
Indeno[1,2,3-cd]pyrene	<0.19		19.6	23.5		ug/L		120	1 - 171	9	99
Naphthalene	<0.19		19.6	16.5		ug/L		84	21 - 133	10	65
Phenanthrene	<0.19		19.6	21.2		ug/L		108	54 - 120	10	39
Pyrene	<0.19		19.6	21.7		ug/L		111	52 - 120	10	49

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	110		28 - 127
2-Fluorobiphenyl (Surr)	100		31 - 120
2-Fluorophenol (Surr)	79		17 - 120
Nitrobenzene-d5 (Surr)	88		27 - 120
Phenol-d6 (Surr)	50		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: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-704128/5

Matrix: Water

Analysis Batch: 704128

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			03/04/26 10:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		38 - 134				03/04/26 10:40	1

Lab Sample ID: LCS 570-704128/3

Matrix: Water

Analysis Batch: 704128

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	358		ug/L		90	78 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	79		38 - 134				

Lab Sample ID: LCSD 570-704128/4

Matrix: Water

Analysis Batch: 704128

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (C4-C13)	400	361		ug/L		90	78 - 120	1	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	87		38 - 134						

Lab Sample ID: MRL 570-704128/6

Matrix: Water

Analysis Batch: 704128

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	10.0	<7.9		ug/L		55	50 - 150
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
4-Bromofluorobenzene (Surr)	79		38 - 134				

Lab Sample ID: 380-199926-B-1 MSD

Matrix: Water

Analysis Batch: 704128

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	Limit
Gasoline Range Organics (C4-C13)	<10		400	383		ug/L		96	68 - 122	1	18
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	89		38 - 134								

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-199926-C-1 MS

Matrix: Water

Analysis Batch: 704128

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	387		ug/L		97	68 - 122
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		38 - 134						

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

Lab Sample ID: MB 570-702755/1-A

Matrix: Water

Analysis Batch: 706124

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 702755

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		03/01/26 09:19	03/08/26 13:39	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		03/01/26 09:19	03/08/26 13:39	1
C8-C18	<25		25	ug/L		03/01/26 09:19	03/08/26 13:39	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	87		60 - 130			03/01/26 09:19	03/08/26 13:39	1

Lab Sample ID: LCS 570-702755/2-A

Matrix: Water

Analysis Batch: 706124

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702755

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1480		ug/L		93	56 - 127
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	94		60 - 130				

Lab Sample ID: LCSD 570-702755/3-A

Matrix: Water

Analysis Batch: 706124

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 702755

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1530		ug/L		95	56 - 127	3	23
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	95		60 - 130						

Lab Sample ID: MRL 570-702755/4-A

Matrix: Water

Analysis Batch: 706124

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 702755

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0283		mg/L		141	50 - 150

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QC Sample Results

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MRL 570-702755/4-A
Matrix: Water
Analysis Batch: 706124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 702755

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

Lab Sample ID: 380-199926-A-1-C MSD
Matrix: Water
Analysis Batch: 706124

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 702755

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1650	1520		ug/L		92	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	91		60 - 130

Lab Sample ID: 380-199926-B-1-A MS
Matrix: Water
Analysis Batch: 706124

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 702755

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1660	1630		ug/L		99	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
n-Octacosane (Surr)	91		60 - 130

QC Association Summary

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 704408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	8260B	
380-199893-2	BWS2253-H1-TB	Total/NA	Water	8260B	
MB 570-704408/9	Method Blank	Total/NA	Water	8260B	
LCS 570-704408/1003	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-704408/4	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 702398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	625.1	
MB 570-702398/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-702398/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-702398/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-199926-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-199926-C-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 702938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	625.1 SIM	702398
MB 570-702398/1-A	Method Blank	Total/NA	Water	625.1 SIM	702398
LCS 570-702398/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	702398
LCSD 570-702398/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	702398
380-199926-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	702398
380-199926-C-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	702398

Analysis Batch: 702941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	625.1	702398
MB 570-702398/1-A	Method Blank	Total/NA	Water	625.1	702398

GC VOA

Analysis Batch: 704128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
380-199893-2	BWS2253-H1-TB	Total/NA	Water	8015B GRO LL	
MB 570-704128/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-704128/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-704128/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-704128/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-199926-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	
380-199926-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 702755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	3510C	
MB 570-702755/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-702755/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-702755/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

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QC Association Summary

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA (Continued)

Prep Batch: 702755 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 570-702755/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-199926-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
380-199926-B-1-A MS	Matrix Spike	Total/NA	Water	3510C	

Analysis Batch: 706124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-199893-1	BWS2253-H1-AQ	Total/NA	Water	8015B	702755
MB 570-702755/1-A	Method Blank	Total/NA	Water	8015B	702755
LCS 570-702755/2-A	Lab Control Sample	Total/NA	Water	8015B	702755
LCSD 570-702755/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	702755
MRL 570-702755/4-A	Lab Control Sample	Total/NA	Water	8015B	702755
380-199926-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	702755
380-199926-B-1-A MS	Matrix Spike	Total/NA	Water	8015B	702755

Lab Chronicle

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

Job ID: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-199893-1

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	704408	PT	EET CAL 4	03/05/26 02:14
Total/NA	Prep	625.1			702398	S4EA	EET CAL 4	02/27/26 17:45
Total/NA	Analysis	625.1		1	702941	PQS1	EET CAL 4	03/02/26 17:56
Total/NA	Prep	625.1			702398	S4EA	EET CAL 4	02/27/26 17:45
Total/NA	Analysis	625.1 SIM		1	702938	PQS1	EET CAL 4	03/02/26 15:49
Total/NA	Analysis	8015B GRO LL		1	704128	W4LC	EET CAL 4	03/04/26 12:51
Total/NA	Prep	3510C			702755	TVD6	EET CAL 4	03/01/26 09:19
Total/NA	Analysis	8015B		1	706124	H6FE	EET CAL 4	03/08/26 16:33

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-199893-2

Date Collected: 02/24/26 12:00

Matrix: Water

Date Received: 02/25/26 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	704408	PT	EET CAL 4	03/04/26 23:23
Total/NA	Analysis	8015B GRO LL		1	704128	W4LC	EET CAL 4	03/04/26 17:42

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: 380-199893-1
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: 380-199893-1
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: 380-199893-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-199893-1	BWS2253-H1-AQ	Water	02/24/26 12:00	02/25/26 09:40	Hawaii
380-199893-2	BWS2253-H1-TB	Water	02/24/26 12:00	02/25/26 09:40	Hawaii

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

Loc: 380
199893



380-199893 Chain of Custody

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

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify)

Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client*☐ Disposal By Lab

Archive For

Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:

Date:

Time:

Method of Shipment:

Relinquished by:

Date/Time:

Company	Revenue	Profit	Assets	Liabilities	Equity
Company A	100	20	120	80	40
Company B	150	30	180	120	60
Company C	200	40	240	160	80
Company D	250	50	300	200	100
Company E	300	60	360	240	120
Company F	350	70	420	280	140
Company G	400	80	480	320	160
Company H	450	90	540	360	180
Company I	500	100	600	400	200
Company J	550	110	660	440	220
Company K	600	120	720	480	240
Company L	650	130	780	520	260
Company M	700	140	840	560	280
Company N	750	150	900	600	300
Company O	800	160	960	640	320
Company P	850	170	1020	680	340
Company Q	900	180	1080	720	360
Company R	950	190	1140	760	380
Company S	1000	200	1200	800	400

Received by:

Date/Time:

Company

Relinquished by:

Date/Time:

Company

Received by:

Date/Time:

Company	
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Relinquished by:

Date/Time:

Сотраду	
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Received by:

Date/Time:

Сотрудник	
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Custody Seals Intact:

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-199893-1

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

Login Number: 199893

List Source: Eurofins Pomona

List Number: 1

Creator: Segura, Ryan

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

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-199893-1

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

Login Number: 199893

List Source: Eurofins Calscience

List Number: 2

List Creation: 02/26/26 11:24 AM

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	1.7
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	