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ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
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JOB DESCRIPTION

INTERA - Red-Hill-Incident
Site J1 625.1, 8015B_DRO/GRO, 8260B

JOB NUMBER

380-243689-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

my EOL

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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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

Job Narrative
380-243689-1

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 10/22/2026 10:05 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 4.7°C.

Receipt Exceptions
Time for Sample ID BWS2253-J1-FB on COC listed as 0930. Time written on container 1130. Logged time as shown on COC.

BWS2253-J1-FB (380-243689-3)

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
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.

Detection Summary

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-AQ — Lab Sample ID: 380-243689-1

No Detections.

Client Sample ID: BWS2253-J1-TB — Lab Sample ID: 380-243689-2

No Detections.

Client Sample ID: BWS2253-J1-FB — Lab Sample ID: 380-243689-3

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-AQ
Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-1
Matrix: Water

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			10/29/26 04:53	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/29/26 04:53	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/29/26 04:53	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/29/26 04:53	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/29/26 04:53	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/29/26 04:53	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/29/26 04:53	1
2-Butanone	<10		10		ug/L			10/29/26 04:53	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/29/26 04:53	1
2-Hexanone	<10		10		ug/L			10/29/26 04:53	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/29/26 04:53	1
Acetone	<10		10		ug/L			10/29/26 04:53	1
Benzene	<0.50		0.50		ug/L			10/29/26 04:53	1
Bromobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
Bromochloromethane	<2.0		2.0		ug/L			10/29/26 04:53	1
Bromodichloromethane	<1.0		1.0		ug/L			10/29/26 04:53	1
Bromoform	<5.0		5.0		ug/L			10/29/26 04:53	1
Bromomethane	<10		10		ug/L			10/29/26 04:53	1
Carbon disulfide	<10		10		ug/L			10/29/26 04:53	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/29/26 04:53	1
Chlorobenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
Chloroethane	<5.0		5.0		ug/L			10/29/26 04:53	1
Chloroform	<1.0		1.0		ug/L			10/29/26 04:53	1
Chloromethane	<10		10		ug/L			10/29/26 04:53	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/29/26 04:53	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/29/26 04:53	1
Dibromochloromethane	<2.0		2.0		ug/L			10/29/26 04:53	1
Dibromomethane	<1.0		1.0		ug/L			10/29/26 04:53	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/29/26 04:53	1
Diethyl ether	<10		10		ug/L			10/29/26 04:53	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/29/26 04:53	1
Ethanol	<100		100		ug/L			10/29/26 04:53	1
Ethylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/29/26 04:53	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/29/26 04:53	1

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-AQ
Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-1
Matrix: Water

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			10/29/26 04:53	1
Hexane	<5.0		5.0		ug/L			10/29/26 04:53	1
Isobutyl alcohol	<75		75		ug/L			10/29/26 04:53	1
Isopropanol	<75		75		ug/L			10/29/26 04:53	1
Isopropylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
m,p-Xylene	<2.0		2.0		ug/L			10/29/26 04:53	1
Methylene Chloride	<10		10		ug/L			10/29/26 04:53	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/29/26 04:53	1
MIBK	<10		10		ug/L			10/29/26 04:53	1
Naphthalene	<10		10		ug/L			10/29/26 04:53	1
n-Butylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
N-Propylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
o-Xylene	<1.0		1.0		ug/L			10/29/26 04:53	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/29/26 04:53	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
Styrene	<1.0		1.0		ug/L			10/29/26 04:53	1
tert-Amyl alcohol	<50		50		ug/L			10/29/26 04:53	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/29/26 04:53	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/29/26 04:53	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/29/26 04:53	1
Tetrachloroethene	<1.0		1.0		ug/L			10/29/26 04:53	1
Toluene	<1.0		1.0		ug/L			10/29/26 04:53	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/29/26 04:53	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/29/26 04:53	1
Trichloroethene	<1.0		1.0		ug/L			10/29/26 04:53	1
Trichlorofluoromethane	<10		10		ug/L			10/29/26 04:53	1
Vinyl acetate	<10		10		ug/L			10/29/26 04:53	1
Vinyl chloride	<0.50		0.50		ug/L			10/29/26 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 124*		*10/29/26 04:53*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/29/26 04:53*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/29/26 04:53*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*10/29/26 04:53*	*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		10/27/26 19:31	10/31/26 05:52	1
2-Methylnaphthalene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Acenaphthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Acenaphthylene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Benzo[a]anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Benzo[a]pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Chrysene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1

Client Sample ID: BWS2253-J1-AQ

Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-1

Matrix: Water

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		10/27/26 19:31	10/31/26 05:52	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Naphthalene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Phenanthrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1
Pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 05:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*	*10/27/26 19:31*	*10/31/26 05:52*	*1*
2-Fluorobiphenyl (Surr)	*84*		*31 - 120*	*10/27/26 19:31*	*10/31/26 05:52*	*1*
2-Fluorophenol (Surr)	*61*		*17 - 120*	*10/27/26 19:31*	*10/31/26 05:52*	*1*
Nitrobenzene-d5 (Surr)	*95*		*27 - 120*	*10/27/26 19:31*	*10/31/26 05:52*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*10/27/26 19:31*	*10/31/26 05:52*	*1*
p-Terphenyl-d14 (Surr)	*89*		*45 - 120*	*10/27/26 19:31*	*10/31/26 05:52*	*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*	*10/27/26 19:31*	*11/02/26 21:42*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*33 - 139*	*10/27/26 19:31*	*11/02/26 21:42*	*1*
2-Fluorobiphenyl (Surr)	*96*		*33 - 126*	*10/27/26 19:31*	*11/02/26 21:42*	*1*
2-Fluorophenol (Surr)	*57*		*12 - 120*	*10/27/26 19:31*	*11/02/26 21:42*	*1*
Nitrobenzene-d5 (Surr)	*86*		*36 - 120*	*10/27/26 19:31*	*11/02/26 21:42*	*1*
Phenol-d6 (Surr)	*32*		*10 - 120*	*10/27/26 19:31*	*11/02/26 21:42*	*1*
p-Terphenyl-d14 (Surr)	*102*		*47 - 131*	*10/27/26 19:31*	*11/02/26 21:42*	*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			10/30/26 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*10/30/26 17:39*	*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		10/25/26 09:41	10/31/26 20:37	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/25/26 09:41	10/31/26 20:37	1
C8-C18	<25		25		ug/L		10/25/26 09:41	10/31/26 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*60 - 130*	*10/25/26 09:41*	*10/31/26 20:37*	*1*

Client Sample ID: BWS2253-J1-TB

Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-2

Matrix: Water

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			10/28/26 20:41	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/28/26 20:41	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/28/26 20:41	1

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-TB
Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-2
Matrix: Water

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			10/28/26 20:41	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/28/26 20:41	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/28/26 20:41	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/28/26 20:41	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/28/26 20:41	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/28/26 20:41	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:41	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:41	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:41	1
2-Butanone	<10		10		ug/L			10/28/26 20:41	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 20:41	1
2-Hexanone	<10		10		ug/L			10/28/26 20:41	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 20:41	1
Acetone	<10		10		ug/L			10/28/26 20:41	1
Benzene	<0.50		0.50		ug/L			10/28/26 20:41	1
Bromobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
Bromochloromethane	<2.0		2.0		ug/L			10/28/26 20:41	1
Bromodichloromethane	<1.0		1.0		ug/L			10/28/26 20:41	1
Bromoform	<5.0		5.0		ug/L			10/28/26 20:41	1
Bromomethane	<10		10		ug/L			10/28/26 20:41	1
Carbon disulfide	<10		10		ug/L			10/28/26 20:41	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/28/26 20:41	1
Chlorobenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
Chloroethane	<5.0		5.0		ug/L			10/28/26 20:41	1
Chloroform	<1.0		1.0		ug/L			10/28/26 20:41	1
Chloromethane	<10		10		ug/L			10/28/26 20:41	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:41	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 20:41	1
Dibromochloromethane	<2.0		2.0		ug/L			10/28/26 20:41	1
Dibromomethane	<1.0		1.0		ug/L			10/28/26 20:41	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/28/26 20:41	1
Diethyl ether	<10		10		ug/L			10/28/26 20:41	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/28/26 20:41	1
Ethanol	<100		100		ug/L			10/28/26 20:41	1
Ethylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/28/26 20:41	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/28/26 20:41	1
Hexachloro-1,3-butadiene	<10		10		ug/L			10/28/26 20:41	1
Hexane	<5.0		5.0		ug/L			10/28/26 20:41	1
Isobutyl alcohol	<75		75		ug/L			10/28/26 20:41	1

Client Sample ID: BWS2253-J1-TB

Lab Sample ID: 380-243689-2

Date Collected: 10/21/26 09:30
Matrix: Water
Date Received: 10/22/26 10:05

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75		ug/L			10/28/26 20:41	1
Isopropylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
m,p-Xylene	<2.0		2.0		ug/L			10/28/26 20:41	1
Methylene Chloride	<10		10		ug/L			10/28/26 20:41	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/28/26 20:41	1
MIBK	<10		10		ug/L			10/28/26 20:41	1
Naphthalene	<10		10		ug/L			10/28/26 20:41	1
n-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
N-Propylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
o-Xylene	<1.0		1.0		ug/L			10/28/26 20:41	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/28/26 20:41	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
Styrene	<1.0		1.0		ug/L			10/28/26 20:41	1
tert-Amyl alcohol	<50		50		ug/L			10/28/26 20:41	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/28/26 20:41	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/28/26 20:41	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:41	1
Tetrachloroethene	<1.0		1.0		ug/L			10/28/26 20:41	1
Toluene	<1.0		1.0		ug/L			10/28/26 20:41	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:41	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 20:41	1
Trichloroethene	<1.0		1.0		ug/L			10/28/26 20:41	1
Trichlorofluoromethane	<10		10		ug/L			10/28/26 20:41	1
Vinyl acetate	<10		10		ug/L			10/28/26 20:41	1
Vinyl chloride	<0.50		0.50		ug/L			10/28/26 20:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 124*		*10/28/26 20:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/28/26 20:41*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*10/28/26 20:41*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/28/26 20:41*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			10/30/26 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*		*10/30/26 12:39*	*1*

Client Sample ID: BWS2253-J1-FB

Lab Sample ID: 380-243689-3

Date Collected: 10/21/26 09:30
Matrix: Water
Date Received: 10/22/26 10:05

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			10/28/26 21:04	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/28/26 21:04	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/28/26 21:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/28/26 21:04	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/28/26 21:04	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/28/26 21:04	1

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-FB
Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/28/26 21:04	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/28/26 21:04	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/28/26 21:04	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 21:04	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/28/26 21:04	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 21:04	1
2-Butanone	<10		10		ug/L			10/28/26 21:04	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 21:04	1
2-Hexanone	<10		10		ug/L			10/28/26 21:04	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 21:04	1
Acetone	<10		10		ug/L			10/28/26 21:04	1
Benzene	<0.50		0.50		ug/L			10/28/26 21:04	1
Bromobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
Bromochloromethane	<2.0		2.0		ug/L			10/28/26 21:04	1
Bromodichloromethane	<1.0		1.0		ug/L			10/28/26 21:04	1
Bromoform	<5.0		5.0		ug/L			10/28/26 21:04	1
Bromomethane	<10		10		ug/L			10/28/26 21:04	1
Carbon disulfide	<10		10		ug/L			10/28/26 21:04	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/28/26 21:04	1
Chlorobenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
Chloroethane	<5.0		5.0		ug/L			10/28/26 21:04	1
Chloroform	<1.0		1.0		ug/L			10/28/26 21:04	1
Chloromethane	<10		10		ug/L			10/28/26 21:04	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 21:04	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 21:04	1
Dibromochloromethane	<2.0		2.0		ug/L			10/28/26 21:04	1
Dibromomethane	<1.0		1.0		ug/L			10/28/26 21:04	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/28/26 21:04	1
Diethyl ether	<10		10		ug/L			10/28/26 21:04	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/28/26 21:04	1
Ethanol	<100		100		ug/L			10/28/26 21:04	1
Ethylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/28/26 21:04	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/28/26 21:04	1
Hexachloro-1,3-butadiene	<10		10		ug/L			10/28/26 21:04	1
Hexane	<5.0		5.0		ug/L			10/28/26 21:04	1
Isobutyl alcohol	<75		75		ug/L			10/28/26 21:04	1
Isopropanol	<75		75		ug/L			10/28/26 21:04	1
Isopropylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
m,p-Xylene	<2.0		2.0		ug/L			10/28/26 21:04	1

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-FB
Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-3
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	<10		10		ug/L			10/28/26 21:04	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/28/26 21:04	1
MIBK	<10		10		ug/L			10/28/26 21:04	1
Naphthalene	<10		10		ug/L			10/28/26 21:04	1
n-Butylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
N-Propylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
o-Xylene	<1.0		1.0		ug/L			10/28/26 21:04	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/28/26 21:04	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
Styrene	<1.0		1.0		ug/L			10/28/26 21:04	1
tert-Amyl alcohol	<50		50		ug/L			10/28/26 21:04	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/28/26 21:04	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/28/26 21:04	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/28/26 21:04	1
Tetrachloroethene	<1.0		1.0		ug/L			10/28/26 21:04	1
Toluene	<1.0		1.0		ug/L			10/28/26 21:04	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 21:04	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 21:04	1
Trichloroethene	<1.0		1.0		ug/L			10/28/26 21:04	1
Trichlorofluoromethane	<10		10		ug/L			10/28/26 21:04	1
Vinyl acetate	<10		10		ug/L			10/28/26 21:04	1
Vinyl chloride	<0.50		0.50		ug/L			10/28/26 21:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 124*		*10/28/26 21:04*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/28/26 21:04*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/28/26 21:04*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/28/26 21:04*	*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		10/27/26 19:31	10/31/26 06:14	1
2-Methylnaphthalene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Acenaphthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Acenaphthylene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Benzo[a]anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Benzo[a]pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Chrysene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Fluoranthene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Fluorene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Naphthalene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Phenanthrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1
Pyrene	<0.19		0.19		ug/L		10/27/26 19:31	10/31/26 06:14	1

Client Sample ID: BWS2253-J1-FB

Date Collected: 10/21/26 09:30
Date Received: 10/22/26 10:05

Lab Sample ID: 380-243689-3

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		28 - 127	10/27/26 19:31	10/31/26 06:14	1
2-Fluorobiphenyl (Surr)	78		31 - 120	10/27/26 19:31	10/31/26 06:14	1
2-Fluorophenol (Surr)	56		17 - 120	10/27/26 19:31	10/31/26 06:14	1
Nitrobenzene-d5 (Surr)	87		27 - 120	10/27/26 19:31	10/31/26 06:14	1
Phenol-d6 (Surr)	31		10 - 120	10/27/26 19:31	10/31/26 06:14	1
p-Terphenyl-d14 (Surr)	92		45 - 120	10/27/26 19:31	10/31/26 06:14	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	10/27/26 19:31	11/02/26 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		33 - 139	10/27/26 19:31	11/02/26 22:06	1
2-Fluorobiphenyl (Surr)	85		33 - 126	10/27/26 19:31	11/02/26 22:06	1
2-Fluorophenol (Surr)	50		12 - 120	10/27/26 19:31	11/02/26 22:06	1
Nitrobenzene-d5 (Surr)	85		36 - 120	10/27/26 19:31	11/02/26 22:06	1
Phenol-d6 (Surr)	29		10 - 120	10/27/26 19:31	11/02/26 22:06	1
p-Terphenyl-d14 (Surr)	92		47 - 131	10/27/26 19:31	11/02/26 22:06	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			10/30/26 11:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		38 - 134		10/30/26 11:52	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		10/25/26 09:41	10/31/26 20:58	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/25/26 09:41	10/31/26 20:58	1
C8-C18	<25		25		ug/L		10/25/26 09:41	10/31/26 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	103		60 - 130	10/25/26 09:41	10/31/26 20:58	1

Action Limit Summary

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-AQ

Lab Sample ID: 380-243689-1

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-J1-TB

Lab Sample ID: 380-243689-2

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

Client Sample ID: BWS2253-J1-TB (Continued)

Lab Sample ID: 380-243689-2

Compliance Check

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

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

Client Sample ID: BWS2253-J1-FB

Lab Sample ID: 380-243689-3

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

Client Sample ID: BWS2253-J1-FB (Continued)
Lab Sample ID: 380-243689-3

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
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

Surrogate Summary

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-124)	(80-120)	(80-120)	(80-120)
380-243689-1	BWS2253-J1-AQ	93	97	99	104
380-243689-2	BWS2253-J1-TB	93	97	101	102
380-243689-3	BWS2253-J1-FB	93	94	99	101
570-301658-A-10 MS	Matrix Spike	92	99	100	101
570-301658-A-10 MSD	Matrix Spike Duplicate	92	100	98	99
LCS 570-822859/1002	Lab Control Sample	93	98	98	101
LCSD 570-822859/3	Lab Control Sample Dup	91	101	98	102
MB 570-822859/5	Method Blank	91	97	99	101

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**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
380-243689-1	BWS2253-J1-AQ	68	96	57	86	32	102
380-243689-3	BWS2253-J1-FB	56	85	50	85	29	92
MB 570-822434/1-A	Method Blank	54	75	47	77	27	97

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**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
380-243689-1	BWS2253-J1-AQ	93	84	61	95	33	89
380-243689-3	BWS2253-J1-FB	88	78	56	87	31	92
LCS 570-822434/2-A	Lab Control Sample	91	87	67	71	38	98
LCSD 570-822434/3-A	Lab Control Sample Dup	88	84	67	70	38	101
MB 570-822434/1-A	Method Blank	76	66	49	73	27	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: 380-243689-1
SDG: Site J1 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)							
		BFB1							
Lab Sample ID	Client Sample ID	(38-134)							
380-243689-1	BWS2253-J1-AQ	99							
380-243689-2	BWS2253-J1-TB	102							
380-243689-3	BWS2253-J1-FB	98							
380-244779-B-1 MS	Matrix Spike	103							
380-244779-B-1 MSD	Matrix Spike Duplicate	103							
LCS 570-823996/3	Lab Control Sample	95							
LCSD 570-823996/4	Lab Control Sample Dup	94							
MB 570-823996/6	Method Blank	100							
MRL 570-823996/5	Lab Control Sample	97							

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		OTCSN1							
Lab Sample ID	Client Sample ID	(60-130)							
380-243689-1	BWS2253-J1-AQ	106							
380-243689-3	BWS2253-J1-FB	103							
380-244052-C-1-A MS	Matrix Spike	108							
380-244052-C-1-B MSD	Matrix Spike Duplicate	111							
LCS 570-821050/2-A	Lab Control Sample	112							
LCSD 570-821050/3-A	Lab Control Sample Dup	97							
MB 570-821050/1-A	Method Blank	110							
MRL 570-821050/4-A	Lab Control Sample	97							

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-822859/5
Matrix: Water
Analysis Batch: 822859

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			10/28/26 20:19	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/28/26 20:19	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/28/26 20:19	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/28/26 20:19	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/28/26 20:19	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:19	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/28/26 20:19	1
2-Butanone	<10		10		ug/L			10/28/26 20:19	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 20:19	1
2-Hexanone	<10		10		ug/L			10/28/26 20:19	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/28/26 20:19	1
Acetone	<10		10		ug/L			10/28/26 20:19	1
Benzene	<0.50		0.50		ug/L			10/28/26 20:19	1
Bromobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
Bromochloromethane	<2.0		2.0		ug/L			10/28/26 20:19	1
Bromodichloromethane	<1.0		1.0		ug/L			10/28/26 20:19	1
Bromoform	<5.0		5.0		ug/L			10/28/26 20:19	1
Bromomethane	<10		10		ug/L			10/28/26 20:19	1
Carbon disulfide	<10		10		ug/L			10/28/26 20:19	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/28/26 20:19	1
Chlorobenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
Chloroethane	<5.0		5.0		ug/L			10/28/26 20:19	1
Chloroform	<1.0		1.0		ug/L			10/28/26 20:19	1
Chloromethane	<10		10		ug/L			10/28/26 20:19	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:19	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 20:19	1
Dibromochloromethane	<2.0		2.0		ug/L			10/28/26 20:19	1
Dibromomethane	<1.0		1.0		ug/L			10/28/26 20:19	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/28/26 20:19	1
Diethyl ether	<10		10		ug/L			10/28/26 20:19	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/28/26 20:19	1
Ethanol	<100		100		ug/L			10/28/26 20:19	1
Ethylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/28/26 20:19	1

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

Lab Sample ID: MB 570-822859/5
Matrix: Water
Analysis Batch: 822859

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			10/28/26 20:19	1
Hexachloro-1,3-butadiene	<10		10		ug/L			10/28/26 20:19	1
Hexane	<5.0		5.0		ug/L			10/28/26 20:19	1
Isobutyl alcohol	<75		75		ug/L			10/28/26 20:19	1
Isopropanol	<75		75		ug/L			10/28/26 20:19	1
Isopropylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
m,p-Xylene	<2.0		2.0		ug/L			10/28/26 20:19	1
Methylene Chloride	<10		10		ug/L			10/28/26 20:19	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/28/26 20:19	1
MIBK	<10		10		ug/L			10/28/26 20:19	1
Naphthalene	<10		10		ug/L			10/28/26 20:19	1
n-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
N-Propylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
o-Xylene	<1.0		1.0		ug/L			10/28/26 20:19	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/28/26 20:19	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
Styrene	<1.0		1.0		ug/L			10/28/26 20:19	1
tert-Amyl alcohol	<50		50		ug/L			10/28/26 20:19	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/28/26 20:19	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/28/26 20:19	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/28/26 20:19	1
Tetrachloroethene	<1.0		1.0		ug/L			10/28/26 20:19	1
Toluene	<1.0		1.0		ug/L			10/28/26 20:19	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/28/26 20:19	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/28/26 20:19	1
Trichloroethene	<1.0		1.0		ug/L			10/28/26 20:19	1
Trichlorofluoromethane	<10		10		ug/L			10/28/26 20:19	1
Vinyl acetate	<10		10		ug/L			10/28/26 20:19	1
Vinyl chloride	<0.50		0.50		ug/L			10/28/26 20:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 124*		*10/28/26 20:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/28/26 20:19*	*1*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*10/28/26 20:19*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/28/26 20:19*	*1*

Lab Sample ID: LCS 570-822859/1002
Matrix: Water
Analysis Batch: 822859

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	19.2		ug/L		96	70 - 130
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	70 - 130
1,1,2,2-Tetrachloroethane	20.0	22.3		ug/L		112	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4		ug/L		97	63 - 136
1,1,2-Trichloroethane	20.0	20.7		ug/L		104	70 - 130
1,1-Dichloroethane	20.0	20.6		ug/L		103	70 - 130
1,1-Dichloroethene	20.0	18.8		ug/L		94	70 - 130

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

Lab Sample ID: LCS 570-822859/1002
Matrix: Water
Analysis Batch: 822859

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	70 - 130
1,2,3-Trichlorobenzene	20.0	21.1		ug/L		106	68 - 130
1,2,3-Trichloropropane	20.0	20.6		ug/L		103	70 - 130
1,2,4-Trichlorobenzene	20.0	19.0		ug/L		95	70 - 130
1,2,4-Trimethylbenzene	20.0	21.5		ug/L		108	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	20.9		ug/L		105	63 - 130
1,2-Dichlorobenzene	20.0	21.3		ug/L		107	70 - 130
1,2-Dichloroethane	20.0	18.0		ug/L		90	70 - 130
1,2-Dichloropropane	20.0	20.9		ug/L		105	70 - 130
1,3,5-Trimethylbenzene	20.0	20.9		ug/L		105	70 - 130
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	70 - 130
1,3-Dichloropropane	20.0	20.6		ug/L		103	70 - 130
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	70 - 130
2,2-Dichloropropane	20.0	18.4		ug/L		92	63 - 130
2-Butanone	20.0	20.2		ug/L		101	49 - 157
2-Chlorotoluene	20.0	20.5		ug/L		102	70 - 130
2-Hexanone	20.0	19.8		ug/L		99	54 - 140
4-Chlorotoluene	20.0	21.3		ug/L		107	70 - 130
Acetone	20.0	12.3		ug/L		62	18 - 190
Benzene	20.0	20.0		ug/L		100	70 - 130
Bromobenzene	20.0	20.3		ug/L		102	70 - 130
Bromochloromethane	20.0	20.7		ug/L		104	70 - 130
Bromodichloromethane	20.0	19.3		ug/L		97	70 - 130
Bromoform	20.0	20.7		ug/L		103	70 - 130
Bromomethane	20.0	16.5		ug/L		83	39 - 177
Carbon disulfide	20.0	18.9		ug/L		94	69 - 130
Carbon tetrachloride	20.0	19.0		ug/L		95	70 - 130
Chlorobenzene	20.0	20.2		ug/L		101	70 - 130
Chloroethane	20.0	18.7		ug/L		93	63 - 133
Chloroform	20.0	18.8		ug/L		94	70 - 130
Chloromethane	20.0	18.3		ug/L		91	40 - 144
cis-1,2-Dichloroethene	20.0	20.7		ug/L		104	70 - 130
cis-1,3-Dichloropropene	20.0	19.7		ug/L		98	70 - 130
Dibromochloromethane	20.0	19.3		ug/L		96	70 - 130
Dibromomethane	20.0	19.4		ug/L		97	70 - 130
Dichlorodifluoromethane	20.0	17.2		ug/L		86	42 - 144
Diethyl ether	20.0	18.9		ug/L		94	70 - 131
Di-isopropyl ether (DIPE)	20.0	19.8		ug/L		99	69 - 131
Ethanol	200	187		ug/L		93	44 - 170
Ethylbenzene	20.0	19.8		ug/L		99	70 - 130
Ethylene Dibromide	20.0	20.7		ug/L		103	70 - 130
Ethyl-t-butyl ether (ETBE)	20.0	19.6		ug/L		98	69 - 130
Isopropylbenzene	20.0	20.5		ug/L		103	70 - 130
m,p-Xylene	40.0	39.8		ug/L		99	70 - 130
Methylene Chloride	20.0	19.8		ug/L		99	70 - 130
Methyl-t-Butyl Ether (MTBE)	20.0	19.2		ug/L		96	69 - 130
MIBK	20.0	21.9		ug/L		110	63 - 130
Naphthalene	20.0	20.0		ug/L		100	63 - 130
n-Butylbenzene	20.0	21.3		ug/L		107	70 - 130

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

Lab Sample ID: LCS 570-822859/1002
Matrix: Water
Analysis Batch: 822859

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	20.8		ug/L		104	70 - 130		
o-Xylene			20.0	20.3		ug/L		101	70 - 130		
p-Isopropyltoluene			20.0	21.5		ug/L		108	70 - 130		
sec-Butylbenzene			20.0	22.1		ug/L		110	70 - 130		
Styrene			20.0	21.2		ug/L		106	70 - 130		
tert-Amyl alcohol			100	108		ug/L		108	40 - 147		
Tert-amyl-methyl ether (TAME)			20.0	19.8		ug/L		99	69 - 130		
tert-Butyl alcohol (TBA)			100	95.2		ug/L		95	68 - 130		
tert-Butylbenzene			20.0	22.2		ug/L		111	70 - 130		
Tetrachloroethene			20.0	19.9		ug/L		100	70 - 130		
Toluene			20.0	20.3		ug/L		101	70 - 130		
trans-1,2-Dichloroethene			20.0	19.4		ug/L		97	70 - 130		
trans-1,3-Dichloropropene			20.0	19.0		ug/L		95	70 - 130		
Trichloroethene			20.0	20.0		ug/L		100	70 - 130		
Trichlorofluoromethane			20.0	18.1		ug/L		91	64 - 137		
Vinyl acetate			20.0	18.8		ug/L		94	58 - 130		
Vinyl chloride			20.0	18.9		ug/L		95	64 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 124*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-822859/3
Matrix: Water
Analysis Batch: 822859

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		96	70 - 130	0	20
1,1,1-Trichloroethane			20.0	19.3		ug/L		97	70 - 130	2	20
1,1,2,2-Tetrachloroethane			20.0	21.6		ug/L		108	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	18.7		ug/L		93	63 - 136	4	20
1,1,2-Trichloroethane			20.0	21.0		ug/L		105	70 - 130	1	20
1,1-Dichloroethane			20.0	19.5		ug/L		97	70 - 130	5	20
1,1-Dichloroethene			20.0	18.3		ug/L		92	70 - 130	2	20
1,1-Dichloropropene			20.0	19.4		ug/L		97	70 - 130	4	20
1,2,3-Trichlorobenzene			20.0	20.2		ug/L		101	68 - 130	5	20
1,2,3-Trichloropropane			20.0	21.2		ug/L		106	70 - 130	3	20
1,2,4-Trichlorobenzene			20.0	19.2		ug/L		96	70 - 130	1	20
1,2,4-Trimethylbenzene			20.0	20.4		ug/L		102	70 - 130	6	20
1,2-Dibromo-3-Chloropropane			20.0	20.3		ug/L		102	63 - 130	3	21
1,2-Dichlorobenzene			20.0	20.4		ug/L		102	70 - 130	4	20
1,2-Dichloroethane			20.0	18.2		ug/L		91	70 - 130	1	20
1,2-Dichloropropane			20.0	20.9		ug/L		104	70 - 130	0	20
1,3,5-Trimethylbenzene			20.0	20.6		ug/L		103	70 - 130	1	20
1,3-Dichlorobenzene			20.0	20.2		ug/L		101	70 - 130	4	20
1,3-Dichloropropane			20.0	20.5		ug/L		103	70 - 130	0	20

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

Lab Sample ID: LCSD 570-822859/3
Matrix: Water
Analysis Batch: 822859

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dichlorobenzene	20.0	20.3		ug/L		101	70 - 130	3	20
2,2-Dichloropropane	20.0	17.5		ug/L		88	63 - 130	5	20
2-Butanone	20.0	19.8		ug/L		99	49 - 157	2	24
2-Chlorotoluene	20.0	20.5		ug/L		102	70 - 130	0	20
2-Hexanone	20.0	19.9		ug/L		100	54 - 140	0	24
4-Chlorotoluene	20.0	20.1		ug/L		101	70 - 130	6	20
Acetone	20.0	13.0		ug/L		65	18 - 190	5	20
Benzene	20.0	19.8		ug/L		99	70 - 130	1	20
Bromobenzene	20.0	20.3		ug/L		101	70 - 130	0	20
Bromochloromethane	20.0	20.7		ug/L		103	70 - 130	0	20
Bromodichloromethane	20.0	18.9		ug/L		94	70 - 130	2	20
Bromoform	20.0	20.3		ug/L		101	70 - 130	2	20
Bromomethane	20.0	15.5		ug/L		77	39 - 177	7	22
Carbon disulfide	20.0	18.1		ug/L		91	69 - 130	4	20
Carbon tetrachloride	20.0	18.4		ug/L		92	70 - 130	3	20
Chlorobenzene	20.0	20.3		ug/L		101	70 - 130	1	20
Chloroethane	20.0	18.1		ug/L		91	63 - 133	3	20
Chloroform	20.0	17.8		ug/L		89	70 - 130	6	20
Chloromethane	20.0	17.7		ug/L		88	40 - 144	3	20
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	70 - 130	0	20
cis-1,3-Dichloropropene	20.0	19.4		ug/L		97	70 - 130	1	20
Dibromochloromethane	20.0	19.9		ug/L		99	70 - 130	3	20
Dibromomethane	20.0	20.1		ug/L		101	70 - 130	3	20
Dichlorodifluoromethane	20.0	16.3		ug/L		81	42 - 144	6	20
Diethyl ether	20.0	19.6		ug/L		98	70 - 131	4	20
Di-isopropyl ether (DIPE)	20.0	19.8		ug/L		99	69 - 131	0	20
Ethanol	200	191		ug/L		95	44 - 170	2	30
Ethylbenzene	20.0	19.6		ug/L		98	70 - 130	1	20
Ethylene Dibromide	20.0	21.4		ug/L		107	70 - 130	3	20
Ethyl-t-butyl ether (ETBE)	20.0	19.8		ug/L		99	69 - 130	1	20
Isopropylbenzene	20.0	20.3		ug/L		101	70 - 130	1	20
m,p-Xylene	40.0	39.0		ug/L		98	70 - 130	2	20
Methylene Chloride	20.0	19.3		ug/L		97	70 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	20.0	19.1		ug/L		96	69 - 130	0	20
MIBK	20.0	22.2		ug/L		111	63 - 130	1	20
Naphthalene	20.0	19.5		ug/L		98	63 - 130	2	20
n-Butylbenzene	20.0	20.0		ug/L		100	70 - 130	6	20
N-Propylbenzene	20.0	20.4		ug/L		102	70 - 130	2	20
o-Xylene	20.0	20.1		ug/L		100	70 - 130	1	20
p-Isopropyltoluene	20.0	20.1		ug/L		100	70 - 130	7	20
sec-Butylbenzene	20.0	20.8		ug/L		104	70 - 130	6	20
Styrene	20.0	21.0		ug/L		105	70 - 130	1	20
tert-Amyl alcohol	100	113		ug/L		113	40 - 147	5	30
Tert-amyl-methyl ether (TAME)	20.0	19.9		ug/L		100	69 - 130	1	20
tert-Butyl alcohol (TBA)	100	98.3		ug/L		98	68 - 130	3	23
tert-Butylbenzene	20.0	20.2		ug/L		101	70 - 130	10	20
Tetrachloroethene	20.0	19.1		ug/L		96	70 - 130	4	20
Toluene	20.0	20.1		ug/L		101	70 - 130	1	20
trans-1,2-Dichloroethene	20.0	19.1		ug/L		96	70 - 130	2	20

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

Lab Sample ID: LCSD 570-822859/3
Matrix: Water
Analysis Batch: 822859

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
trans-1,3-Dichloropropene			20.0	19.0		ug/L		95	70 - 130	0	20
Trichloroethene			20.0	19.8		ug/L		99	70 - 130	1	20
Trichlorofluoromethane			20.0	17.7		ug/L		88	64 - 137	2	20
Vinyl acetate			20.0	17.8		ug/L		89	58 - 130	5	20
Vinyl chloride			20.0	18.0		ug/L		90	64 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 124*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 570-301658-A-10 MS
Matrix: Water
Analysis Batch: 822859

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	15.7		ug/L		78	56 - 145
1,1,1-Trichloroethane	<1.0		20.0	16.0		ug/L		80	52 - 148
1,1,2,2-Tetrachloroethane	<1.0		20.0	17.8		ug/L		89	33 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	15.3		ug/L		77	41 - 153
1,1,2-Trichloroethane	<1.0		20.0	16.8		ug/L		84	56 - 142
1,1-Dichloroethane	<1.0		20.0	16.9		ug/L		84	53 - 149
1,1-Dichloroethene	<1.0		20.0	14.9		ug/L		74	10 - 190
1,1-Dichloropropene	<1.0		20.0	16.7		ug/L		83	49 - 154
1,2,3-Trichlorobenzene	<1.0		20.0	16.3		ug/L		81	48 - 149
1,2,3-Trichloropropane	<5.0		20.0	15.8		ug/L		79	54 - 137
1,2,4-Trichlorobenzene	<1.0		20.0	14.4		ug/L		72	49 - 143
1,2,4-Trimethylbenzene	<1.0		20.0	16.7		ug/L		84	63 - 138
1,2-Dibromo-3-Chloropropane	<10		20.0	17.3		ug/L		86	45 - 144
1,2-Dichlorobenzene	<1.0		20.0	16.9		ug/L		84	55 - 146
1,2-Dichloroethane	<0.50		20.0	15.2		ug/L		76	52 - 145
1,2-Dichloropropane	<1.0		20.0	17.6		ug/L		88	57 - 144
1,3,5-Trimethylbenzene	<1.0		20.0	16.5		ug/L		83	57 - 145
1,3-Dichlorobenzene	<1.0		20.0	16.7		ug/L		83	55 - 143
1,3-Dichloropropane	<1.0		20.0	16.9		ug/L		85	58 - 141
1,4-Dichlorobenzene	<1.0		20.0	16.8		ug/L		84	55 - 142
2,2-Dichloropropane	<1.0		20.0	12.2		ug/L		61	34 - 145
2-Butanone	<10		20.0	15.9		ug/L		79	32 - 166
2-Chlorotoluene	<1.0		20.0	16.7		ug/L		84	54 - 145
2-Hexanone	<10		20.0	16.5		ug/L		82	33 - 161
4-Chlorotoluene	<1.0		20.0	16.7		ug/L		84	53 - 145
Acetone	<10		20.0	11.0		ug/L		55	10 - 186
Benzene	<0.50		20.0	16.8		ug/L		84	63 - 137
Bromobenzene	<1.0		20.0	16.7		ug/L		84	57 - 144
Bromochloromethane	<2.0		20.0	17.5		ug/L		88	60 - 145
Bromodichloromethane	<1.0		20.0	15.5		ug/L		78	55 - 141
Bromoform	<5.0		20.0	16.4		ug/L		82	56 - 141

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

Lab Sample ID: 570-301658-A-10 MS
Matrix: Water
Analysis Batch: 822859

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	14.7		ug/L		73	21 - 190
Carbon disulfide	<10		20.0	16.4		ug/L		82	44 - 156
Carbon tetrachloride	<0.50		20.0	15.2		ug/L		76	45 - 156
Chlorobenzene	<1.0		20.0	16.7		ug/L		84	57 - 143
Chloroethane	<5.0		20.0	15.4		ug/L		77	46 - 160
Chloroform	<1.0		20.0	15.5		ug/L		77	54 - 141
Chloromethane	<10		20.0	15.0		ug/L		75	26 - 165
cis-1,2-Dichloroethene	<1.0		20.0	17.4		ug/L		87	44 - 158
cis-1,3-Dichloropropene	<0.50		20.0	15.6		ug/L		78	41 - 143
Dibromochloromethane	<2.0		20.0	15.9		ug/L		79	58 - 142
Dibromomethane	<1.0		20.0	17.2		ug/L		86	57 - 140
Dichlorodifluoromethane	<5.0		20.0	13.5		ug/L		67	22 - 159
Diethyl ether	<10		20.0	16.6		ug/L		83	50 - 150
Di-isopropyl ether (DIPE)	<2.0		20.0	15.9		ug/L		79	39 - 162
Ethanol	<100		200	171		ug/L		85	32 - 190
Ethylbenzene	<1.0		20.0	16.0		ug/L		80	65 - 137
Ethylene Dibromide	<1.0		20.0	17.4		ug/L		87	58 - 143
Ethyl-t-butyl ether (ETBE)	<2.0		20.0	15.4		ug/L		77	49 - 142
Isopropylbenzene	<1.0		20.0	16.6		ug/L		83	53 - 148
m,p-Xylene	<2.0		40.0	32.2		ug/L		81	67 - 137
Methylene Chloride	<10		20.0	16.9		ug/L		84	52 - 144
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	14.9		ug/L		75	10 - 190
MIBK	<10		20.0	16.7		ug/L		83	47 - 145
Naphthalene	<10		20.0	15.5		ug/L		77	49 - 137
n-Butylbenzene	<1.0		20.0	16.0		ug/L		80	45 - 151
N-Propylbenzene	<1.0		20.0	16.7		ug/L		84	56 - 146
o-Xylene	<1.0		20.0	16.5		ug/L		83	68 - 133
p-Isopropyltoluene	<1.0		20.0	16.6		ug/L		83	47 - 152
sec-Butylbenzene	<1.0		20.0	16.7		ug/L		84	48 - 151
Styrene	<1.0		20.0	17.0		ug/L		85	42 - 151
tert-Amyl alcohol	<50		100	84.0		ug/L		84	15 - 170
Tert-amyl-methyl ether (TAME)	<2.0		20.0	15.5		ug/L		78	40 - 145
tert-Butyl alcohol (TBA)	<10		100	82.0		ug/L		82	10 - 190
tert-Butylbenzene	<1.0		20.0	16.6		ug/L		83	52 - 148
Tetrachloroethene	<1.0		20.0	15.9		ug/L		79	10 - 190
Toluene	<1.0		20.0	16.9		ug/L		84	57 - 144
trans-1,2-Dichloroethene	<1.0		20.0	16.6		ug/L		83	51 - 152
trans-1,3-Dichloropropene	<0.50		20.0	14.9		ug/L		75	45 - 142
Trichloroethene	<1.0		20.0	16.2		ug/L		81	10 - 190
Trichlorofluoromethane	<10		20.0	14.4		ug/L		72	48 - 158
Vinyl acetate	<10		20.0	15.1		ug/L		75	20 - 150
Vinyl chloride	<0.50		20.0	15.2		ug/L		76	47 - 159

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 124*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: 570-301658-A-10 MSD
Matrix: Water
Analysis Batch: 822859

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	18.4		ug/L		92	56 - 145	16	30
1,1,1-Trichloroethane	<1.0		20.0	18.8		ug/L		94	52 - 148	16	34
1,1,2,2-Tetrachloroethane	<1.0		20.0	20.7		ug/L		104	33 - 159	15	30
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		20.0	16.3		ug/L		81	41 - 153	6	34
1,1,2-Trichloroethane	<1.0		20.0	19.4		ug/L		97	56 - 142	14	28
1,1-Dichloroethane	<1.0		20.0	19.7		ug/L		98	53 - 149	15	31
1,1-Dichloroethene	<1.0		20.0	17.7		ug/L		89	10 - 190	17	36
1,1-Dichloropropene	<1.0		20.0	19.2		ug/L		96	49 - 154	14	35
1,2,3-Trichlorobenzene	<1.0		20.0	19.6		ug/L		98	48 - 149	18	33
1,2,3-Trichloropropane	<5.0		20.0	19.6		ug/L		98	54 - 137	21	27
1,2,4-Trichlorobenzene	<1.0		20.0	17.9		ug/L		89	49 - 143	22	33
1,2,4-Trimethylbenzene	<1.0		20.0	19.8		ug/L		99	63 - 138	17	32
1,2-Dibromo-3-Chloropropane	<10		20.0	18.3		ug/L		92	45 - 144	6	33
1,2-Dichlorobenzene	<1.0		20.0	19.7		ug/L		99	55 - 146	16	30
1,2-Dichloroethane	<0.50		20.0	17.9		ug/L		89	52 - 145	16	28
1,2-Dichloropropane	<1.0		20.0	20.8		ug/L		104	57 - 144	17	31
1,3,5-Trimethylbenzene	<1.0		20.0	20.7		ug/L		104	57 - 145	23	34
1,3-Dichlorobenzene	<1.0		20.0	19.6		ug/L		98	55 - 143	16	32
1,3-Dichloropropane	<1.0		20.0	20.0		ug/L		100	58 - 141	17	28
1,4-Dichlorobenzene	<1.0		20.0	19.5		ug/L		98	55 - 142	15	32
2,2-Dichloropropane	<1.0		20.0	14.5		ug/L		72	34 - 145	17	35
2-Butanone	<10		20.0	19.4		ug/L		97	32 - 166	20	31
2-Chlorotoluene	<1.0		20.0	20.4		ug/L		102	54 - 145	20	32
2-Hexanone	<10		20.0	19.7		ug/L		98	33 - 161	18	33
4-Chlorotoluene	<1.0		20.0	19.5		ug/L		98	53 - 145	15	31
Acetone	<10		20.0	12.2		ug/L		61	10 - 186	10	38
Benzene	<0.50		20.0	19.9		ug/L		100	63 - 137	17	31
Bromobenzene	<1.0		20.0	19.8		ug/L		99	57 - 144	17	29
Bromochloromethane	<2.0		20.0	20.7		ug/L		103	60 - 145	17	28
Bromodichloromethane	<1.0		20.0	18.6		ug/L		93	55 - 141	18	25
Bromoform	<5.0		20.0	18.9		ug/L		94	56 - 141	14	26
Bromomethane	<10		20.0	16.3		ug/L		82	21 - 190	11	30
Carbon disulfide	<10		20.0	18.9		ug/L		95	44 - 156	14	32
Carbon tetrachloride	<0.50		20.0	18.1		ug/L		91	45 - 156	18	35
Chlorobenzene	<1.0		20.0	20.1		ug/L		100	57 - 143	18	30
Chloroethane	<5.0		20.0	18.7		ug/L		94	46 - 160	19	34
Chloroform	<1.0		20.0	17.9		ug/L		89	54 - 141	15	26
Chloromethane	<10		20.0	17.3		ug/L		86	26 - 165	14	29
cis-1,2-Dichloroethene	<1.0		20.0	20.2		ug/L		101	44 - 158	15	31
cis-1,3-Dichloropropene	<0.50		20.0	18.9		ug/L		94	41 - 143	19	30
Dibromochloromethane	<2.0		20.0	19.6		ug/L		98	58 - 142	21	25
Dibromomethane	<1.0		20.0	19.4		ug/L		97	57 - 140	12	28
Dichlorodifluoromethane	<5.0		20.0	14.5		ug/L		72	22 - 159	7	36
Diethyl ether	<10		20.0	19.4		ug/L		97	50 - 150	16	33
Di-isopropyl ether (DIPE)	<2.0		20.0	19.0		ug/L		95	39 - 162	18	28
Ethanol	<100		200	212		ug/L		106	32 - 190	22	37
Ethylbenzene	<1.0		20.0	19.6		ug/L		98	65 - 137	20	32
Ethylene Dibromide	<1.0		20.0	21.0		ug/L		105	58 - 143	19	29

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

Lab Sample ID: 570-301658-A-10 MSD
Matrix: Water
Analysis Batch: 822859

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	18.9		ug/L		94	49 - 142	21	29
Isopropylbenzene	<1.0		20.0	20.0		ug/L		100	53 - 148	19	33
m,p-Xylene	<2.0		40.0	38.8		ug/L		97	67 - 137	19	32
Methylene Chloride	<10		20.0	19.4		ug/L		97	52 - 144	14	27
Methyl-t-Butyl Ether (MTBE)	<1.0		20.0	18.3		ug/L		92	10 - 190	20	28
MIBK	<10		20.0	20.7		ug/L		104	47 - 145	22	30
Naphthalene	<10		20.0	18.8		ug/L		94	49 - 137	19	25
n-Butylbenzene	<1.0		20.0	18.7		ug/L		94	45 - 151	16	35
N-Propylbenzene	<1.0		20.0	20.1		ug/L		101	56 - 146	19	33
o-Xylene	<1.0		20.0	20.0		ug/L		100	68 - 133	19	31
p-Isopropyltoluene	<1.0		20.0	19.4		ug/L		97	47 - 152	15	35
sec-Butylbenzene	<1.0		20.0	19.7		ug/L		98	48 - 151	16	35
Styrene	<1.0		20.0	20.7		ug/L		104	42 - 151	20	32
tert-Amyl alcohol	<50		100	98.4		ug/L		98	15 - 170	16	39
Tert-amyl-methyl ether (TAME)	<2.0		20.0	18.7		ug/L		93	40 - 145	19	28
tert-Butyl alcohol (TBA)	<10		100	108		ug/L		108	10 - 190	27	37
tert-Butylbenzene	<1.0		20.0	19.8		ug/L		99	52 - 148	18	33
Tetrachloroethene	<1.0		20.0	18.8		ug/L		94	10 - 190	17	34
Toluene	<1.0		20.0	20.0		ug/L		100	57 - 144	17	31
trans-1,2-Dichloroethene	<1.0		20.0	19.1		ug/L		96	51 - 152	14	33
trans-1,3-Dichloropropene	<0.50		20.0	17.5		ug/L		88	45 - 142	16	30
Trichloroethene	<1.0		20.0	19.4		ug/L		97	10 - 190	18	34
Trichlorofluoromethane	<10		20.0	15.9		ug/L		80	48 - 158	10	31
Vinyl acetate	<10		20.0	17.4		ug/L		87	20 - 150	14	40
Vinyl chloride	<0.50		20.0	17.9		ug/L		89	47 - 159	16	29

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 124*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 570-822434/1-A
Matrix: Water
Analysis Batch: 825353

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822434

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*	*10/27/26 19:31*	*11/02/26 20:30*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*33 - 139*	*10/27/26 19:31*	*11/02/26 20:30*	*1*
2-Fluorobiphenyl (Surr)	*75*		*33 - 126*	*10/27/26 19:31*	*11/02/26 20:30*	*1*
2-Fluorophenol (Surr)	*47*		*12 - 120*	*10/27/26 19:31*	*11/02/26 20:30*	*1*
Nitrobenzene-d5 (Surr)	*77*		*36 - 120*	*10/27/26 19:31*	*11/02/26 20:30*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*10/27/26 19:31*	*11/02/26 20:30*	*1*
p-Terphenyl-d14 (Surr)	*97*		*47 - 131*	*10/27/26 19:31*	*11/02/26 20:30*	*1*

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

Lab Sample ID: MB 570-822434/1-A
Matrix: Water
Analysis Batch: 824444

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 822434

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
2-Methylnaphthalene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Acenaphthene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Acenaphthylene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Anthracene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Benzo[a]anthracene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Benzo[a]pyrene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Chrysene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Fluoranthene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Fluorene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Naphthalene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Phenanthrene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1
Pyrene	<0.20		0.20		ug/L		10/27/26 19:31	10/30/26 23:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*	*10/27/26 19:31*	*10/30/26 23:08*	*1*
2-Fluorobiphenyl (Surr)	*66*		*31 - 120*	*10/27/26 19:31*	*10/30/26 23:08*	*1*
2-Fluorophenol (Surr)	*49*		*17 - 120*	*10/27/26 19:31*	*10/30/26 23:08*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*10/27/26 19:31*	*10/30/26 23:08*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*10/27/26 19:31*	*10/30/26 23:08*	*1*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*	*10/27/26 19:31*	*10/30/26 23:08*	*1*

Lab Sample ID: LCS 570-822434/2-A
Matrix: Water
Analysis Batch: 824444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822434

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	11.3		ug/L		57	47 - 120		
2-Methylnaphthalene			20.0	11.4		ug/L		57	43 - 120		
Acenaphthene			20.0	15.1		ug/L		75	60 - 132		
Acenaphthylene			20.0	15.1		ug/L		75	54 - 126		
Anthracene			20.0	16.0		ug/L		80	43 - 120		
Benzo[a]anthracene			20.0	17.4		ug/L		87	42 - 133		
Benzo[a]pyrene			20.0	18.1		ug/L		91	32 - 148		
Benzo[b]fluoranthene			20.0	17.9		ug/L		89	42 - 140		
Benzo[g,h,i]perylene			20.0	17.1		ug/L		85	1 - 195		
Benzo[k]fluoranthene			20.0	17.3		ug/L		86	25 - 146		
Chrysene			20.0	16.7		ug/L		83	44 - 140		
Dibenz(a,h)anthracene			20.0	17.5		ug/L		88	1 - 200		
Fluoranthene			20.0	17.1		ug/L		85	43 - 121		
Fluorene			20.0	15.5		ug/L		77	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	17.3		ug/L		87	1 - 151		
Naphthalene			20.0	10.6		ug/L		53	36 - 120		

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

Lab Sample ID: LCS 570-822434/2-A
Matrix: Water
Analysis Batch: 824444

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 822434

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	16.5		ug/L		83	65 - 120		
Pyrene			20.0	17.4		ug/L		87	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*28 - 127*
2-Fluorobiphenyl (Surr)	*87*		*31 - 120*
2-Fluorophenol (Surr)	*67*		*17 - 120*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*
Phenol-d6 (Surr)	*38*		*10 - 120*
p-Terphenyl-d14 (Surr)	*98*		*45 - 120*

Lab Sample ID: LCSD 570-822434/3-A
Matrix: Water
Analysis Batch: 824444

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 822434

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	11.3		ug/L		57	47 - 120	0	20
2-Methylnaphthalene			20.0	11.5		ug/L		58	43 - 120	1	20
Acenaphthene			20.0	14.7		ug/L		73	60 - 132	3	29
Acenaphthylene			20.0	15.0		ug/L		75	54 - 126	1	45
Anthracene			20.0	16.3		ug/L		82	43 - 120	2	40
Benzo[a]anthracene			20.0	18.2		ug/L		91	42 - 133	5	32
Benzo[a]pyrene			20.0	19.2		ug/L		96	32 - 148	6	43
Benzo[b]fluoranthene			20.0	19.7		ug/L		99	42 - 140	10	43
Benzo[g,h,i]perylene			20.0	18.1		ug/L		91	1 - 195	6	61
Benzo[k]fluoranthene			20.0	17.6		ug/L		88	25 - 146	2	38
Chrysene			20.0	17.6		ug/L		88	44 - 140	6	53
Dibenz(a,h)anthracene			20.0	18.5		ug/L		93	1 - 200	5	75
Fluoranthene			20.0	17.6		ug/L		88	43 - 121	3	40
Fluorene			20.0	15.4		ug/L		77	70 - 120	0	23
Indeno[1,2,3-cd]pyrene			20.0	18.6		ug/L		93	1 - 151	7	60
Naphthalene			20.0	10.7		ug/L		53	36 - 120	0	39
Phenanthrene			20.0	16.7		ug/L		83	65 - 120	1	24
Pyrene			20.0	17.7		ug/L		88	70 - 120	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*28 - 127*
2-Fluorobiphenyl (Surr)	*84*		*31 - 120*
2-Fluorophenol (Surr)	*67*		*17 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d6 (Surr)	*38*		*10 - 120*
p-Terphenyl-d14 (Surr)	*101*		*45 - 120*

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

Lab Sample ID: MB 570-823996/6
Matrix: Water
Analysis Batch: 823996

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			10/30/26 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*		*10/30/26 11:08*	*1*

Lab Sample ID: LCS 570-823996/3
Matrix: Water
Analysis Batch: 823996

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	316		ug/L		79	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: LCSD 570-823996/4
Matrix: Water
Analysis Batch: 823996

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	328		ug/L		82	78 - 120	4	10

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

Lab Sample ID: MRL 570-823996/5
Matrix: Water
Analysis Batch: 823996

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	14.1		ug/L		141	50 - 150		

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

Lab Sample ID: 380-244779-B-1 MS
Matrix: Water
Analysis Batch: 823996

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	343		ug/L		86	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*

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

Lab Sample ID: 380-244779-B-1 MSD
Matrix: Water
Analysis Batch: 823996

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	<10		400	347		ug/L		87	68 - 122	1	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*

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

Lab Sample ID: MB 570-821050/1-A
Matrix: Water
Analysis Batch: 823299

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 821050

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		10/25/26 09:40	10/29/26 09:09	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/25/26 09:40	10/29/26 09:09	1
C8-C18	<25		25		ug/L		10/25/26 09:40	10/29/26 09:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*60 - 130*	*10/25/26 09:40*	*10/29/26 09:09*	*1*

Lab Sample ID: LCS 570-821050/2-A
Matrix: Water
Analysis Batch: 823299

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 821050

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1610		ug/L		101	56 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*60 - 130*

Lab Sample ID: LCSD 570-821050/3-A
Matrix: Water
Analysis Batch: 823299

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 821050

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1420		ug/L		89	56 - 127	13	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*60 - 130*

Lab Sample ID: MRL 570-821050/4-A
Matrix: Water
Analysis Batch: 824688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 821050

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0251		mg/L		125	50 - 150		

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

Lab Sample ID: MRL 570-821050/4-A
Matrix: Water
Analysis Batch: 824688

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 821050

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	97		60 - 130

Lab Sample ID: 380-244052-C-1-A MS
Matrix: Water
Analysis Batch: 824688

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 821050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1620	1610		ug/L		99	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	108		60 - 130

Lab Sample ID: 380-244052-C-1-B MSD
Matrix: Water
Analysis Batch: 824688

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 821050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1620	1610		ug/L		99	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	111		60 - 130

GC/MS VOA

Analysis Batch: 822859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	8260B	
380-243689-2	BWS2253-J1-TB	Total/NA	Water	8260B	
380-243689-3	BWS2253-J1-FB	Total/NA	Water	8260B	
MB 570-822859/5	Method Blank	Total/NA	Water	8260B	
LCS 570-822859/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-822859/3	Lab Control Sample Dup	Total/NA	Water	8260B	
570-301658-A-10 MS	Matrix Spike	Total/NA	Water	8260B	
570-301658-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 822434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	625.1	
380-243689-3	BWS2253-J1-FB	Total/NA	Water	625.1	
MB 570-822434/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-822434/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-822434/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 824444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	625.1 SIM	822434
380-243689-3	BWS2253-J1-FB	Total/NA	Water	625.1 SIM	822434
MB 570-822434/1-A	Method Blank	Total/NA	Water	625.1 SIM	822434
LCS 570-822434/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	822434
LCSD 570-822434/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	822434

Analysis Batch: 825353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	625.1	822434
380-243689-3	BWS2253-J1-FB	Total/NA	Water	625.1	822434
MB 570-822434/1-A	Method Blank	Total/NA	Water	625.1	822434

GC VOA

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	8015B GRO LL	
380-243689-2	BWS2253-J1-TB	Total/NA	Water	8015B GRO LL	
380-243689-3	BWS2253-J1-FB	Total/NA	Water	8015B GRO LL	
MB 570-823996/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-823996/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-823996/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-823996/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-244779-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-244779-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 821050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 821050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-3	BWS2253-J1-FB	Total/NA	Water	3510C	
MB 570-821050/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-821050/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-821050/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-821050/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-244052-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-244052-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 823299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-821050/1-A	Method Blank	Total/NA	Water	8015B	821050
LCS 570-821050/2-A	Lab Control Sample	Total/NA	Water	8015B	821050
LCSD 570-821050/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	821050

Analysis Batch: 824688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-243689-1	BWS2253-J1-AQ	Total/NA	Water	8015B	821050
380-243689-3	BWS2253-J1-FB	Total/NA	Water	8015B	821050
MRL 570-821050/4-A	Lab Control Sample	Total/NA	Water	8015B	821050
380-244052-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	821050
380-244052-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	821050

Lab Chronicle

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

Job ID: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Client Sample ID: BWS2253-J1-AQ

Lab Sample ID: 380-243689-1

Date Collected: 10/21/26 09:30
Matrix: Water
Date Received: 10/22/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	822859	N5PD	EET CAL 4	10/29/26 04:53
Total/NA	Prep	625.1			822434	TIZL	EET CAL 4	10/27/26 19:31
Total/NA	Analysis	625.1		1	825353	S4EA	EET CAL 4	11/02/26 21:42
Total/NA	Prep	625.1			822434	TIZL	EET CAL 4	10/27/26 19:31
Total/NA	Analysis	625.1 SIM		1	824444	J7WE	EET CAL 4	10/31/26 05:52
Total/NA	Analysis	8015B GRO LL		1	823996	A9VE	EET CAL 4	10/30/26 17:39
Total/NA	Prep	3510C			821050	TVD6	EET CAL 4	10/25/26 09:41
Total/NA	Analysis	8015B		1	824688	H6FE	EET CAL 4	10/31/26 20:37

Client Sample ID: BWS2253-J1-TB

Lab Sample ID: 380-243689-2

Date Collected: 10/21/26 09:30
Matrix: Water
Date Received: 10/22/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	822859	N5PD	EET CAL 4	10/28/26 20:41
Total/NA	Analysis	8015B GRO LL		1	823996	A9VE	EET CAL 4	10/30/26 12:39

Client Sample ID: BWS2253-J1-FB

Lab Sample ID: 380-243689-3

Date Collected: 10/21/26 09:30
Matrix: Water
Date Received: 10/22/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	822859	N5PD	EET CAL 4	10/28/26 21:04
Total/NA	Prep	625.1			822434	TIZL	EET CAL 4	10/27/26 19:31
Total/NA	Analysis	625.1		1	825353	S4EA	EET CAL 4	11/02/26 22:06
Total/NA	Prep	625.1			822434	TIZL	EET CAL 4	10/27/26 19:31
Total/NA	Analysis	625.1 SIM		1	824444	J7WE	EET CAL 4	10/31/26 06:14
Total/NA	Analysis	8015B GRO LL		1	823996	A9VE	EET CAL 4	10/30/26 11:52
Total/NA	Prep	3510C			821050	TVD6	EET CAL 4	10/25/26 09:41
Total/NA	Analysis	8015B		1	824688	H6FE	EET CAL 4	10/31/26 20:58

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: 380-243689-1
SDG: Site J1 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	11-16-26
California	Los Angeles County Sanitation Districts	9257304	07-31-28
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-28
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	07-31-27
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	01-01-27
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-11-27

Method Summary

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

Job ID: 380-243689-1
SDG: Site J1 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: 380-243689-1
SDG: Site J1 625.1, 8015B_DRO/GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-243689-1	BWS2253-J1-AQ	Water	10/21/26 09:30	10/22/26 10:05	Hawaii
380-243689-2	BWS2253-J1-TB	Water	10/21/26 09:30	10/22/26 10:05	Hawaii
380-243689-3	BWS2253-J1-FB	Water	10/21/26 09:30	10/22/26 10:05	Hawaii

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

Chain of Custody Record

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380-243689 COC

Client Information	Sampler: H Bentley (808) 321-0683	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Mr Erwin Kawata	Phone: 858-205-0730	E-Mail: Maria Lopez@et.eurofinsus com	State of Origin: Hawaii	Page: Page 1 of 1
Company: City & County of Honolulu	PWSID			Job #:

Address: 630 South Beretania Street	Due Date Requested	Analysis Requested	Preservation Codes: A - HCL, N - None
City: Honolulu	TAT Requested (days): Standard		
State Zip: HI 96843	Compliance Project: Δ Yes X No		
Phone: 808-748-5066	PO #:		
Email: ekawata@hbws.org	WO #:		Other:
Project Name: INTERA - Red-Hill-Incident	Project #: 38000861		
Site: J1	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) Super Volatiles List	8015B_GRO_LL (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	625 1, 625.1_SIM	Total Number of containers	Special Instructions/Note
			Preservation Code:				A	A	N	N		
BWS2253-J1-AQ	10/21/26	9 30	G	Water	N	N	4	4	3	2	13	
BWS2253-J1-TB			G	Water	N	N	2	2			4	LAB FILLED TRIP BLANK
BWS2253-J1-FB			G	Water	N	N	3	2	1	2	8	Field Reagant Blank

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time	Method of Shipment: FX 8790 2502 1669

Relinquished by:	Date/Time: 10/21/26 19 00	Company: INTERA, INC	Received by:	Date/Time: 10/22/26 1005	Company: EEAP
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 750A) 4.8 4.7 Ice-Frozen

Ver: 05/06/2024

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

Chain of Custody Record

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Loc: 380
243689

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-396448.1
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 #: 380-243689-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 11/2/2026			Preservation Codes: -
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: INTERA - Red-Hill-Incident	Project #: 38000861			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

Analysis Requested

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)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B/5030C(MOD) Super Volatiles List	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BWS2253-J1-AQ (380-243689-1)	10/21/26	09:30 Hawaiian	G	Water			X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2253-J1-TB (380-243689-2)	10/21/26	09:30 Hawaiian	G	Water			X		X			4	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2253-J1-FB (380-243689-3)	10/21/26	09:30 Hawaiian	G	Water			X	X	X	X	X	8	MRLs are needed. Confirm any hits >RL., MRLs are needed.

380-243689 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*		***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Mark Urrutia	10/22/26 1700	EEHP	[signature] Leos	10-22-26 17:10	WAY
[signature] Leos	10-22-26 18:15	WAY	[signature]	10/22/26 1815	EC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6/2.4 IR-3

Ver: 08/18/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-243689-1

SDG Number: Site J1 625.1, 8015B_DRO/GRO, 8260B

Login Number: 243689

List Source: Eurofins Pomona

List Number: 1

Creator: Tran, Kristine

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	
ClO4 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: 380-243689-1

SDG Number: Site J1 625.1, 8015B_DRO/GRO, 8260B

Login Number: 243689

List Source: Eurofins Calscience

List Number: 2

List Creation: 10/22/26 09:57 PM

Creator: Mills, Mary

Question	Answer	Comment
Radioactivity wasn't checked or is </= 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	2.4
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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	