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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-240290-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

myEOL

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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Authorized for release by
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Definitions/Glossary

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
380-240290-1

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 10/7/2026 9:45 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 1.2°C.

GC/MS VOA
Method 8260B: The laboratory control sample duplicate (LCSD) for analytical batch 570-815440 recovered outside control limits for the following analytes: Bromomethane and Acetone. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: The laboratory control sample (LCS) for analytical batch 570-815440 recovered outside control limits for the following analyte: 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: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-815440. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC/MS Semi VOA
Method 625.1 SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-815295.
Method 625.1 SIM: The following sample(s) was re-prepared outside of preparation holding time due to: low surrogate. Results 625.1 and 625.1 SIM for BWS2254-D2-AQ (380-240290-1) collected on 10/5/26 are not acceptable and have been excluded due to surrogate recoveries not meeting the method limits. A follow up sample was collected on 10/19/26 under job # 380-243007-1. Analysis by EPA 625.1 and 625.1 SIM are currently in progress. (XWB4)

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

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

Diesel Range Organics
Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 570-812379 and analytical batch 570-816912 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

Detection Summary

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ — Lab Sample ID: 380-240290-1

No Detections.

Client Sample ID: BWS2254-D2-TB — Lab Sample ID: 380-240290-2

No Detections.

Client Sample ID: BWS2254-D2-FB — Lab Sample ID: 380-240290-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: BWS2254-D2-AQ

Date Collected: 10/05/26 11:15
Date Received: 10/07/26 09:45

Lab Sample ID: 380-240290-1

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			10/15/26 02:57	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/15/26 02:57	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/15/26 02:57	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/15/26 02:57	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/15/26 02:57	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/15/26 02:57	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/15/26 02:57	1
2-Butanone	<10		10		ug/L			10/15/26 02:57	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/15/26 02:57	1
2-Hexanone	<10		10		ug/L			10/15/26 02:57	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/15/26 02:57	1
Acetone	<10	*+	10		ug/L			10/15/26 02:57	1
Benzene	<0.50		0.50		ug/L			10/15/26 02:57	1
Bromobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
Bromochloromethane	<2.0		2.0		ug/L			10/15/26 02:57	1
Bromodichloromethane	<1.0		1.0		ug/L			10/15/26 02:57	1
Bromoform	<5.0		5.0		ug/L			10/15/26 02:57	1
Bromomethane	<10	*+	10		ug/L			10/15/26 02:57	1
Carbon disulfide	<10		10		ug/L			10/15/26 02:57	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/15/26 02:57	1
Chlorobenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
Chloroethane	<5.0		5.0		ug/L			10/15/26 02:57	1
Chloroform	<1.0		1.0		ug/L			10/15/26 02:57	1
Chloromethane	<10		10		ug/L			10/15/26 02:57	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/15/26 02:57	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/15/26 02:57	1
Dibromochloromethane	<2.0		2.0		ug/L			10/15/26 02:57	1
Dibromomethane	<1.0		1.0		ug/L			10/15/26 02:57	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/15/26 02:57	1
Diethyl ether	<10		10		ug/L			10/15/26 02:57	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/15/26 02:57	1
Ethanol	<100		100		ug/L			10/15/26 02:57	1
Ethylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/15/26 02:57	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/15/26 02:57	1

Client Sample ID: BWS2254-D2-AQ

Date Collected: 10/05/26 11:15
Date Received: 10/07/26 09:45

Lab Sample ID: 380-240290-1

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			10/15/26 02:57	1
Hexane	<5.0		5.0		ug/L			10/15/26 02:57	1
Isobutyl alcohol	<75		75		ug/L			10/15/26 02:57	1
Isopropanol	<75		75		ug/L			10/15/26 02:57	1
Isopropylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
m,p-Xylene	<2.0		2.0		ug/L			10/15/26 02:57	1
Methylene Chloride	<10		10		ug/L			10/15/26 02:57	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/15/26 02:57	1
MIBK	<10		10		ug/L			10/15/26 02:57	1
Naphthalene	<10		10		ug/L			10/15/26 02:57	1
n-Butylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
N-Propylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
o-Xylene	<1.0		1.0		ug/L			10/15/26 02:57	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/15/26 02:57	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
Styrene	<1.0		1.0		ug/L			10/15/26 02:57	1
tert-Amyl alcohol	<50		50		ug/L			10/15/26 02:57	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/15/26 02:57	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/15/26 02:57	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/15/26 02:57	1
Tetrachloroethene	<1.0		1.0		ug/L			10/15/26 02:57	1
Toluene	<1.0		1.0		ug/L			10/15/26 02:57	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/15/26 02:57	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/15/26 02:57	1
Trichloroethene	<1.0		1.0		ug/L			10/15/26 02:57	1
Trichlorofluoromethane	<10		10		ug/L			10/15/26 02:57	1
Vinyl acetate	<10		10		ug/L			10/15/26 02:57	1
Vinyl chloride	<0.50		0.50		ug/L			10/15/26 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*10/15/26 02:57*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*10/15/26 02:57*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*10/15/26 02:57*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/15/26 02:57*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			10/11/26 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*10/11/26 14:36*	*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		10/08/26 13:50	10/17/26 10:58	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/08/26 13:50	10/17/26 10:58	1
C8-C18	<25		25		ug/L		10/08/26 13:50	10/17/26 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*60 - 130*	*10/08/26 13:50*	*10/17/26 10:58*	*1*

Client Sample ID: BWS2254-D2-TB

Date Collected: 10/05/26 11:15
Date Received: 10/07/26 09:45

Lab Sample ID: 380-240290-2

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			10/14/26 23:09	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/14/26 23:09	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/14/26 23:09	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/14/26 23:09	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/14/26 23:09	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:09	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:09	1
2-Butanone	<10		10		ug/L			10/14/26 23:09	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 23:09	1
2-Hexanone	<10		10		ug/L			10/14/26 23:09	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 23:09	1
Acetone	<10	*+	10		ug/L			10/14/26 23:09	1
Benzene	<0.50		0.50		ug/L			10/14/26 23:09	1
Bromobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
Bromochloromethane	<2.0		2.0		ug/L			10/14/26 23:09	1
Bromodichloromethane	<1.0		1.0		ug/L			10/14/26 23:09	1
Bromoform	<5.0		5.0		ug/L			10/14/26 23:09	1
Bromomethane	<10	*+	10		ug/L			10/14/26 23:09	1
Carbon disulfide	<10		10		ug/L			10/14/26 23:09	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/14/26 23:09	1
Chlorobenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
Chloroethane	<5.0		5.0		ug/L			10/14/26 23:09	1
Chloroform	<1.0		1.0		ug/L			10/14/26 23:09	1
Chloromethane	<10		10		ug/L			10/14/26 23:09	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:09	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 23:09	1
Dibromochloromethane	<2.0		2.0		ug/L			10/14/26 23:09	1
Dibromomethane	<1.0		1.0		ug/L			10/14/26 23:09	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/14/26 23:09	1
Diethyl ether	<10		10		ug/L			10/14/26 23:09	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/14/26 23:09	1
Ethanol	<100		100		ug/L			10/14/26 23:09	1
Ethylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/14/26 23:09	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/14/26 23:09	1

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-240290-2

Date Collected: 10/05/26 11:15
Matrix: Water
Date Received: 10/07/26 09:45

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			10/14/26 23:09	1
Hexane	<5.0		5.0		ug/L			10/14/26 23:09	1
Isobutyl alcohol	<75		75		ug/L			10/14/26 23:09	1
Isopropanol	<75		75		ug/L			10/14/26 23:09	1
Isopropylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
m,p-Xylene	<2.0		2.0		ug/L			10/14/26 23:09	1
Methylene Chloride	<10		10		ug/L			10/14/26 23:09	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/14/26 23:09	1
MIBK	<10		10		ug/L			10/14/26 23:09	1
Naphthalene	<10		10		ug/L			10/14/26 23:09	1
n-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
N-Propylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
o-Xylene	<1.0		1.0		ug/L			10/14/26 23:09	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/14/26 23:09	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
Styrene	<1.0		1.0		ug/L			10/14/26 23:09	1
tert-Amyl alcohol	<50		50		ug/L			10/14/26 23:09	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/14/26 23:09	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/14/26 23:09	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:09	1
Tetrachloroethene	<1.0		1.0		ug/L			10/14/26 23:09	1
Toluene	<1.0		1.0		ug/L			10/14/26 23:09	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:09	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 23:09	1
Trichloroethene	<1.0		1.0		ug/L			10/14/26 23:09	1
Trichlorofluoromethane	<10		10		ug/L			10/14/26 23:09	1
Vinyl acetate	<10		10		ug/L			10/14/26 23:09	1
Vinyl chloride	<0.50		0.50		ug/L			10/14/26 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*10/14/26 23:09*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*10/14/26 23:09*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*10/14/26 23:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/14/26 23:09*	*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			10/11/26 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*		*10/11/26 18:00*	*1*

Client Sample ID: BWS2254-D2-FB

Lab Sample ID: 380-240290-3

Date Collected: 10/05/26 11:15
Matrix: Water
Date Received: 10/07/26 09:45

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			10/14/26 23:32	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/14/26 23:32	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/14/26 23:32	1

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-FB
Date Collected: 10/05/26 11:15
Date Received: 10/07/26 09:45

Lab Sample ID: 380-240290-3
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			10/14/26 23:32	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/14/26 23:32	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/14/26 23:32	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/14/26 23:32	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/14/26 23:32	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/14/26 23:32	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:32	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:32	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 23:32	1
2-Butanone	<10		10		ug/L			10/14/26 23:32	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 23:32	1
2-Hexanone	<10		10		ug/L			10/14/26 23:32	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 23:32	1
Acetone	<10	*+	10		ug/L			10/14/26 23:32	1
Benzene	<0.50		0.50		ug/L			10/14/26 23:32	1
Bromobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
Bromochloromethane	<2.0		2.0		ug/L			10/14/26 23:32	1
Bromodichloromethane	<1.0		1.0		ug/L			10/14/26 23:32	1
Bromoform	<5.0		5.0		ug/L			10/14/26 23:32	1
Bromomethane	<10	*+	10		ug/L			10/14/26 23:32	1
Carbon disulfide	<10		10		ug/L			10/14/26 23:32	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/14/26 23:32	1
Chlorobenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
Chloroethane	<5.0		5.0		ug/L			10/14/26 23:32	1
Chloroform	<1.0		1.0		ug/L			10/14/26 23:32	1
Chloromethane	<10		10		ug/L			10/14/26 23:32	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:32	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 23:32	1
Dibromochloromethane	<2.0		2.0		ug/L			10/14/26 23:32	1
Dibromomethane	<1.0		1.0		ug/L			10/14/26 23:32	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/14/26 23:32	1
Diethyl ether	<10		10		ug/L			10/14/26 23:32	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/14/26 23:32	1
Ethanol	<100		100		ug/L			10/14/26 23:32	1
Ethylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/14/26 23:32	1
Ethyl-t-butyl ether (ETBE)	<2.0		2.0		ug/L			10/14/26 23:32	1
Hexachloro-1,3-butadiene	<10		10		ug/L			10/14/26 23:32	1
Hexane	<5.0		5.0		ug/L			10/14/26 23:32	1
Isobutyl alcohol	<75		75		ug/L			10/14/26 23:32	1

Client Sample ID: BWS2254-D2-FB

Date Collected: 10/05/26 11:15
Date Received: 10/07/26 09:45

Lab Sample ID: 380-240290-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	<75		75		ug/L			10/14/26 23:32	1
Isopropylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
m,p-Xylene	<2.0		2.0		ug/L			10/14/26 23:32	1
Methylene Chloride	<10		10		ug/L			10/14/26 23:32	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/14/26 23:32	1
MIBK	<10		10		ug/L			10/14/26 23:32	1
Naphthalene	<10		10		ug/L			10/14/26 23:32	1
n-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
N-Propylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
o-Xylene	<1.0		1.0		ug/L			10/14/26 23:32	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/14/26 23:32	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
Styrene	<1.0		1.0		ug/L			10/14/26 23:32	1
tert-Amyl alcohol	<50		50		ug/L			10/14/26 23:32	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/14/26 23:32	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/14/26 23:32	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/14/26 23:32	1
Tetrachloroethene	<1.0		1.0		ug/L			10/14/26 23:32	1
Toluene	<1.0		1.0		ug/L			10/14/26 23:32	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 23:32	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 23:32	1
Trichloroethene	<1.0		1.0		ug/L			10/14/26 23:32	1
Trichlorofluoromethane	<10		10		ug/L			10/14/26 23:32	1
Vinyl acetate	<10		10		ug/L			10/14/26 23:32	1
Vinyl chloride	<0.50		0.50		ug/L			10/14/26 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*10/14/26 23:32*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*10/14/26 23:32*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*10/14/26 23:32*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/14/26 23:32*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			10/11/26 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*38 - 134*		*10/11/26 21:39*	*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		10/08/26 13:50	10/17/26 11:19	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/08/26 13:50	10/17/26 11:19	1
C8-C18	<25		25		ug/L		10/08/26 13:50	10/17/26 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*60 - 130*	*10/08/26 13:50*	*10/17/26 11:19*	*1*

Action Limit Summary

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ — Lab Sample ID: 380-240290-1

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

Client Sample ID: BWS2254-D2-TB — Lab Sample ID: 380-240290-2

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
Bromodichloromethane	<1.0		ug/L	80		1.0	8260B	Total/NA

Client Sample ID: BWS2254-D2-TB (Continued)
Lab Sample ID: 380-240290-2

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
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: BWS2254-D2-FB
Lab Sample ID: 380-240290-3

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
Toluene	<1.0		ug/L	1000	1000	1.0	8260B	Total/NA

Action Limit Summary

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-240290-3

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
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: 380-240290-1
SDG: Site D2 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	(80-120)	(80-120)	(80-120)	(80-120)
380-240290-1	BWS2254-D2-AQ	99	95	98	101
380-240290-2	BWS2254-D2-TB	97	97	96	99
380-240290-3	BWS2254-D2-FB	99	92	98	100
LCS 570-815440/1002	Lab Control Sample	99	94	98	103
LCSD 570-815440/3	Lab Control Sample Dup	98	96	98	102
MB 570-815440/5	Method Blank	99	94	100	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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)
380-240290-1	BWS2254-D2-AQ	93
380-240290-2	BWS2254-D2-TB	95
380-240290-3	BWS2254-D2-FB	83
380-240590-B-1 MS	Matrix Spike	99
380-240590-B-1 MSD	Matrix Spike Duplicate	95
LCS 570-813647/3	Lab Control Sample	101
LCSD 570-813647/4	Lab Control Sample Dup	102
MB 570-813647/5	Method Blank	92
MRL 570-813647/6	Lab Control Sample	95

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)
380-240257-J-1-A MS	Matrix Spike	109
380-240257-K-1-A MSD	Matrix Spike Duplicate	104
380-240290-1	BWS2254-D2-AQ	106
380-240290-3	BWS2254-D2-FB	101
LCS 570-812379/2-A	Lab Control Sample	108
LCSD 570-812379/3-A	Lab Control Sample Dup	112
MB 570-812379/1-A	Method Blank	113
MRL 570-812379/4-A	Lab Control Sample	121

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-815440/5
Matrix: Water
Analysis Batch: 815440

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			10/14/26 20:06	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	<10		10		ug/L			10/14/26 20:06	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,1-Dichloroethane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,1-Dichloroethene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,1-Dichloropropene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,2,3-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,2,3-Trichloropropane	<5.0		5.0		ug/L			10/14/26 20:06	1
1,2,4-Trichlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,2,4-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,2-Dibromo-3-Chloropropane	<10		10		ug/L			10/14/26 20:06	1
1,2-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,2-Dichloroethane	<0.50		0.50		ug/L			10/14/26 20:06	1
1,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,3,5-Trimethylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,3-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
1,3-Dichloropropane	<1.0		1.0		ug/L			10/14/26 20:06	1
1,4-Dichlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
2,2-Dichloropropane	<1.0		1.0		ug/L			10/14/26 20:06	1
2-Butanone	<10		10		ug/L			10/14/26 20:06	1
2-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 20:06	1
2-Hexanone	<10		10		ug/L			10/14/26 20:06	1
4-Chlorotoluene	<1.0		1.0		ug/L			10/14/26 20:06	1
Acetone	<10		10		ug/L			10/14/26 20:06	1
Benzene	<0.50		0.50		ug/L			10/14/26 20:06	1
Bromobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
Bromochloromethane	<2.0		2.0		ug/L			10/14/26 20:06	1
Bromodichloromethane	<1.0		1.0		ug/L			10/14/26 20:06	1
Bromoform	<5.0		5.0		ug/L			10/14/26 20:06	1
Bromomethane	<10		10		ug/L			10/14/26 20:06	1
Carbon disulfide	<10		10		ug/L			10/14/26 20:06	1
Carbon tetrachloride	<0.50		0.50		ug/L			10/14/26 20:06	1
Chlorobenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
Chloroethane	<5.0		5.0		ug/L			10/14/26 20:06	1
Chloroform	<1.0		1.0		ug/L			10/14/26 20:06	1
Chloromethane	<10		10		ug/L			10/14/26 20:06	1
cis-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 20:06	1
cis-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 20:06	1
Dibromochloromethane	<2.0		2.0		ug/L			10/14/26 20:06	1
Dibromomethane	<1.0		1.0		ug/L			10/14/26 20:06	1
Dichlorodifluoromethane	<5.0		5.0		ug/L			10/14/26 20:06	1
Diethyl ether	<10		10		ug/L			10/14/26 20:06	1
Di-isopropyl ether (DIPE)	<2.0		2.0		ug/L			10/14/26 20:06	1
Ethanol	<100		100		ug/L			10/14/26 20:06	1
Ethylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
Ethylene Dibromide	<1.0		1.0		ug/L			10/14/26 20:06	1

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

Lab Sample ID: MB 570-815440/5
Matrix: Water
Analysis Batch: 815440

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			10/14/26 20:06	1
Hexachloro-1,3-butadiene	<10		10		ug/L			10/14/26 20:06	1
Hexane	<5.0		5.0		ug/L			10/14/26 20:06	1
Isobutyl alcohol	<75		75		ug/L			10/14/26 20:06	1
Isopropanol	<75		75		ug/L			10/14/26 20:06	1
Isopropylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
m,p-Xylene	<2.0		2.0		ug/L			10/14/26 20:06	1
Methylene Chloride	<10		10		ug/L			10/14/26 20:06	1
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0		ug/L			10/14/26 20:06	1
MIBK	<10		10		ug/L			10/14/26 20:06	1
Naphthalene	<10		10		ug/L			10/14/26 20:06	1
n-Butylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
N-Propylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
o-Xylene	<1.0		1.0		ug/L			10/14/26 20:06	1
p-Isopropyltoluene	<1.0		1.0		ug/L			10/14/26 20:06	1
sec-Butylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
Styrene	<1.0		1.0		ug/L			10/14/26 20:06	1
tert-Amyl alcohol	<50		50		ug/L			10/14/26 20:06	1
Tert-amyl-methyl ether (TAME)	<2.0		2.0		ug/L			10/14/26 20:06	1
tert-Butyl alcohol (TBA)	<10		10		ug/L			10/14/26 20:06	1
tert-Butylbenzene	<1.0		1.0		ug/L			10/14/26 20:06	1
Tetrachloroethene	<1.0		1.0		ug/L			10/14/26 20:06	1
Toluene	<1.0		1.0		ug/L			10/14/26 20:06	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			10/14/26 20:06	1
trans-1,3-Dichloropropene	<0.50		0.50		ug/L			10/14/26 20:06	1
Trichloroethene	<1.0		1.0		ug/L			10/14/26 20:06	1
Trichlorofluoromethane	<10		10		ug/L			10/14/26 20:06	1
Vinyl acetate	<10		10		ug/L			10/14/26 20:06	1
Vinyl chloride	<0.50		0.50		ug/L			10/14/26 20:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*10/14/26 20:06*	*1*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*		*10/14/26 20:06*	*1*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*10/14/26 20:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/14/26 20:06*	*1*

Lab Sample ID: LCS 570-815440/1002
Matrix: Water
Analysis Batch: 815440

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1,2-Tetrachloroethane			20.0	20.4		ug/L		102	83 - 120		
1,1,1-Trichloroethane			20.0	21.7		ug/L		108	78 - 123		
1,1,2,2-Tetrachloroethane			20.0	17.6		ug/L		88	74 - 125		
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.9		ug/L		114	72 - 130		
1,1,2-Trichloroethane			20.0	18.9		ug/L		95	82 - 120		
1,1-Dichloroethane			20.0	20.2		ug/L		101	79 - 122		
1,1-Dichloroethene			20.0	21.1		ug/L		106	74 - 127		

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

Lab Sample ID: LCS 570-815440/1002
Matrix: Water
Analysis Batch: 815440

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	20.3		ug/L		102	75 - 124
1,2,3-Trichlorobenzene	20.0	19.2		ug/L		96	71 - 126
1,2,3-Trichloropropane	20.0	18.2		ug/L		91	73 - 121
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	20.0	20.8		ug/L		104	80 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.1		ug/L		86	64 - 127
1,2-Dichlorobenzene	20.0	20.5		ug/L		103	78 - 122
1,2-Dichloroethane	20.0	19.9		ug/L		99	76 - 123
1,2-Dichloropropane	20.0	20.7		ug/L		104	82 - 120
1,3,5-Trimethylbenzene	20.0	20.2		ug/L		101	79 - 124
1,3-Dichlorobenzene	20.0	20.5		ug/L		103	81 - 120
1,3-Dichloropropane	20.0	18.2		ug/L		91	82 - 120
1,4-Dichlorobenzene	20.0	20.7		ug/L		103	78 - 121
2,2-Dichloropropane	20.0	19.9		ug/L		99	69 - 133
2-Butanone	20.0	23.5		ug/L		118	55 - 142
2-Chlorotoluene	20.0	20.3		ug/L		102	80 - 120
2-Hexanone	20.0	20.5		ug/L		103	54 - 138
4-Chlorotoluene	20.0	19.7		ug/L		98	80 - 121
Acetone	20.0	29.6		ug/L		148	50 - 157
Benzene	20.0	20.8		ug/L		104	80 - 120
Bromobenzene	20.0	19.9		ug/L		100	80 - 120
Bromochloromethane	20.0	20.4		ug/L		102	83 - 123
Bromodichloromethane	20.0	19.8		ug/L		99	83 - 120
Bromoform	20.0	19.6		ug/L		98	75 - 128
Bromomethane	20.0	29.4	*+	ug/L		147	31 - 120
Carbon disulfide	20.0	20.7		ug/L		103	71 - 128
Carbon tetrachloride	20.0	21.1		ug/L		106	72 - 135
Chlorobenzene	20.0	19.7		ug/L		99	84 - 120
Chloroethane	20.0	22.0		ug/L		110	72 - 129
Chloroform	20.0	19.1		ug/L		95	79 - 120
Chloromethane	20.0	21.6		ug/L		108	36 - 148
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	81 - 120
cis-1,3-Dichloropropene	20.0	19.3		ug/L		97	76 - 125
Dibromochloromethane	20.0	19.6		ug/L		98	82 - 120
Dibromomethane	20.0	19.0		ug/L		95	85 - 120
Dichlorodifluoromethane	20.0	24.1		ug/L		120	52 - 147
Diethyl ether	20.0	21.7		ug/L		108	71 - 127
Di-isopropyl ether (DIPE)	20.0	22.0		ug/L		110	70 - 132
Ethanol	200	246		ug/L		123	48 - 163
Ethylbenzene	20.0	20.3		ug/L		102	81 - 120
Ethylene Dibromide	20.0	18.9		ug/L		94	81 - 120
Ethyl-t-butyl ether (ETBE)	20.0	19.4		ug/L		97	68 - 126
Isopropylbenzene	20.0	20.0		ug/L		100	80 - 122
m,p-Xylene	40.0	40.8		ug/L		102	79 - 122
Methylene Chloride	20.0	20.5		ug/L		103	76 - 120
Methyl-t-Butyl Ether (MTBE)	20.0	18.0		ug/L		90	70 - 124
MIBK	20.0	20.0		ug/L		100	57 - 133
Naphthalene	20.0	18.0		ug/L		90	64 - 124
n-Butylbenzene	20.0	20.4		ug/L		102	78 - 127

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

Lab Sample ID: LCS 570-815440/1002
Matrix: Water
Analysis Batch: 815440

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	20.2		ug/L		101	80 - 121		
o-Xylene			20.0	20.1		ug/L		101	81 - 120		
p-Isopropyltoluene			20.0	20.6		ug/L		103	81 - 124		
sec-Butylbenzene			20.0	20.0		ug/L		100	80 - 123		
Styrene			20.0	19.4		ug/L		97	82 - 120		
tert-Amyl alcohol			100	91.7		ug/L		92	30 - 157		
Tert-amyl-methyl ether (TAME)			20.0	19.5		ug/L		97	71 - 121		
tert-Butyl alcohol (TBA)			100	93.6		ug/L		94	68 - 128		
tert-Butylbenzene			20.0	20.1		ug/L		100	80 - 124		
Tetrachloroethene			20.0	21.3		ug/L		106	78 - 126		
Toluene			20.0	20.2		ug/L		101	82 - 120		
trans-1,2-Dichloroethene			20.0	20.8		ug/L		104	79 - 122		
trans-1,3-Dichloropropene			20.0	17.9		ug/L		90	73 - 127		
Trichloroethene			20.0	21.8		ug/L		109	83 - 120		
Trichlorofluoromethane			20.0	22.4		ug/L		112	74 - 135		
Vinyl acetate			20.0	16.6		ug/L		83	56 - 135		
Vinyl chloride			20.0	20.3		ug/L		102	68 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*94*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-815440/3
Matrix: Water
Analysis Batch: 815440

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	20.5		ug/L		103	83 - 120	1	20
1,1,1-Trichloroethane			20.0	21.6		ug/L		108	78 - 123	0	20
1,1,2,2-Tetrachloroethane			20.0	18.1		ug/L		90	74 - 125	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.1		ug/L		110	72 - 130	4	20
1,1,2-Trichloroethane			20.0	19.4		ug/L		97	82 - 120	2	20
1,1-Dichloroethane			20.0	19.7		ug/L		98	79 - 122	3	20
1,1-Dichloroethene			20.0	20.4		ug/L		102	74 - 127	4	20
1,1-Dichloropropene			20.0	20.4		ug/L		102	75 - 124	0	20
1,2,3-Trichlorobenzene			20.0	20.1		ug/L		100	71 - 126	4	20
1,2,3-Trichloropropane			20.0	18.4		ug/L		92	73 - 121	1	20
1,2,4-Trichlorobenzene			20.0	21.8		ug/L		109	70 - 130	8	20
1,2,4-Trimethylbenzene			20.0	21.3		ug/L		106	80 - 125	2	20
1,2-Dibromo-3-Chloropropane			20.0	18.8		ug/L		94	64 - 127	9	20
1,2-Dichlorobenzene			20.0	21.0		ug/L		105	78 - 122	2	20
1,2-Dichloroethane			20.0	20.4		ug/L		102	76 - 123	3	20
1,2-Dichloropropane			20.0	21.2		ug/L		106	82 - 120	2	20
1,3,5-Trimethylbenzene			20.0	19.9		ug/L		100	79 - 124	1	20
1,3-Dichlorobenzene			20.0	21.8		ug/L		109	81 - 120	6	20
1,3-Dichloropropane			20.0	19.6		ug/L		98	82 - 120	7	20

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

Lab Sample ID: LCSD 570-815440/3
Matrix: Water
Analysis Batch: 815440

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	21.2		ug/L		106	78 - 121	2	20
2,2-Dichloropropane	20.0	19.2		ug/L		96	69 - 133	4	20
2-Butanone	20.0	22.8		ug/L		114	55 - 142	3	21
2-Chlorotoluene	20.0	20.8		ug/L		104	80 - 120	2	20
2-Hexanone	20.0	20.3		ug/L		101	54 - 138	1	21
4-Chlorotoluene	20.0	20.8		ug/L		104	80 - 121	6	20
Acetone	20.0	33.6	*+	ug/L		168	50 - 157	13	26
Benzene	20.0	20.3		ug/L		101	80 - 120	2	20
Bromobenzene	20.0	20.5		ug/L		102	80 - 120	3	20
Bromochloromethane	20.0	20.4		ug/L		102	83 - 123	0	20
Bromodichloromethane	20.0	19.9		ug/L		100	83 - 120	1	20
Bromoform	20.0	20.5		ug/L		102	75 - 128	5	20
Bromomethane	20.0	25.9	*+	ug/L		129	31 - 120	13	22
Carbon disulfide	20.0	20.5		ug/L		103	71 - 128	1	20
Carbon tetrachloride	20.0	21.0		ug/L		105	72 - 135	1	20
Chlorobenzene	20.0	19.4		ug/L		97	84 - 120	2	20
Chloroethane	20.0	20.8		ug/L		104	72 - 129	6	20
Chloroform	20.0	18.9		ug/L		94	79 - 120	1	20
Chloromethane	20.0	21.8		ug/L		109	36 - 148	1	20
cis-1,2-Dichloroethene	20.0	19.7		ug/L		98	81 - 120	1	20
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	76 - 125	4	20
Dibromochloromethane	20.0	20.7		ug/L		104	82 - 120	5	20
Dibromomethane	20.0	20.1		ug/L		101	85 - 120	6	20
Dichlorodifluoromethane	20.0	23.4		ug/L		117	52 - 147	3	20
Diethyl ether	20.0	22.4		ug/L		112	71 - 127	3	20
Di-isopropyl ether (DIPE)	20.0	21.9		ug/L		109	70 - 132	1	20
Ethanol	200	260		ug/L		130	48 - 163	6	30
Ethylbenzene	20.0	20.3		ug/L		101	81 - 120	0	20
Ethylene Dibromide	20.0	18.9		ug/L		95	81 - 120	0	20
Ethyl-t-butyl ether (ETBE)	20.0	19.7		ug/L		98	68 - 126	2	20
Isopropylbenzene	20.0	19.5		ug/L		97	80 - 122	3	20
m,p-Xylene	40.0	42.6		ug/L		106	79 - 122	4	20
Methylene Chloride	20.0	19.7		ug/L		98	76 - 120	4	20
Methyl-t-Butyl Ether (MTBE)	20.0	18.6		ug/L		93	70 - 124	3	20
MIBK	20.0	19.4		ug/L		97	57 - 133	3	20
Naphthalene	20.0	19.6		ug/L		98	64 - 124	9	20
n-Butylbenzene	20.0	21.1		ug/L		106	78 - 127	3	20
N-Propylbenzene	20.0	20.5		ug/L		103	80 - 121	2	20
o-Xylene	20.0	20.2		ug/L		101	81 - 120	0	20
p-Isopropyltoluene	20.0	21.4		ug/L		107	81 - 124	4	20
sec-Butylbenzene	20.0	20.6		ug/L		103	80 - 123	3	20
Styrene	20.0	19.3		ug/L		97	82 - 120	0	20
tert-Amyl alcohol	100	92.4		ug/L		92	30 - 157	1	30
Tert-amyl-methyl ether (TAME)	20.0	19.6		ug/L		98	71 - 121	1	20
tert-Butyl alcohol (TBA)	100	89.6		ug/L		90	68 - 128	4	20
tert-Butylbenzene	20.0	20.6		ug/L		103	80 - 124	3	20
Tetrachloroethene	20.0	21.1		ug/L		105	78 - 126	1	20
Toluene	20.0	20.4		ug/L		102	82 - 120	1	20
trans-1,2-Dichloroethene	20.0	20.2		ug/L		101	79 - 122	3	20

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

Lab Sample ID: LCSD 570-815440/3
Matrix: Water
Analysis Batch: 815440

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	18.2		ug/L		91	73 - 127	2	20
Trichloroethene			20.0	22.9		ug/L		115	83 - 120	5	20
Trichlorofluoromethane			20.0	22.6		ug/L		113	74 - 135	1	20
Vinyl acetate			20.0	15.7		ug/L		79	56 - 135	5	24
Vinyl chloride			20.0	19.6		ug/L		98	68 - 131	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 570-813647/5
Matrix: Water
Analysis Batch: 813647

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			10/11/26 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*		*10/11/26 11:21*	*1*

Lab Sample ID: LCS 570-813647/3
Matrix: Water
Analysis Batch: 813647

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	381		ug/L		95	78 - 120		

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

Lab Sample ID: LCSD 570-813647/4
Matrix: Water
Analysis Batch: 813647

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	376		ug/L		94	78 - 120	1	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*

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

Lab Sample ID: MRL 570-813647/6
Matrix: Water
Analysis Batch: 813647

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	11.0		ug/L		110	50 - 150		

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

Lab Sample ID: 380-240590-B-1 MS
Matrix: Water
Analysis Batch: 813647

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	385		ug/L		96	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*

Lab Sample ID: 380-240590-B-1 MSD
Matrix: Water
Analysis Batch: 813647

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	376		ug/L		94	68 - 122	2	18

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

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

Lab Sample ID: MB 570-812379/1-A
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 812379

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		10/08/26 13:50	10/17/26 06:40	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/08/26 13:50	10/17/26 06:40	1
C8-C18	<25		25		ug/L		10/08/26 13:50	10/17/26 06:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*113*		*60 - 130*	*10/08/26 13:50*	*10/17/26 06:40*	*1*

Lab Sample ID: LCS 570-812379/2-A
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	995		ug/L		62	56 - 127		

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

Lab Sample ID: LCS 570-812379/2-A
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812379

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

Lab Sample ID: LCSD 570-812379/3-A
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 812379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1150		ug/L		72	56 - 127	15	23

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

Lab Sample ID: MRL 570-812379/4-A
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 812379

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0215	J	mg/L		107	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*121*		*60 - 130*

Lab Sample ID: 380-240257-J-1-A MS
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 812379

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<25	F2	1640	1260		ug/L		77	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*109*		*60 - 130*

Lab Sample ID: 380-240257-K-1-A MSD
Matrix: Water
Analysis Batch: 816912

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 812379

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25	F2	3520	2610	F2	ug/L		74	70 - 130	70	20

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

QC Association Summary

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

GC/MS VOA

Analysis Batch: 815440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-240290-1	BWS2254-D2-AQ	Total/NA	Water	8260B	
380-240290-2	BWS2254-D2-TB	Total/NA	Water	8260B	
380-240290-3	BWS2254-D2-FB	Total/NA	Water	8260B	
MB 570-815440/5	Method Blank	Total/NA	Water	8260B	
LCS 570-815440/1002	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-815440/3	Lab Control Sample Dup	Total/NA	Water	8260B	

GC VOA

Analysis Batch: 813647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-240290-1	BWS2254-D2-AQ	Total/NA	Water	8015B GRO LL	
380-240290-2	BWS2254-D2-TB	Total/NA	Water	8015B GRO LL	
380-240290-3	BWS2254-D2-FB	Total/NA	Water	8015B GRO LL	
MB 570-813647/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-813647/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-813647/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-813647/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-240590-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-240590-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 812379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-240290-1	BWS2254-D2-AQ	Total/NA	Water	3510C	
380-240290-3	BWS2254-D2-FB	Total/NA	Water	3510C	
MB 570-812379/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-812379/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-812379/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-812379/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-240257-J-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-240257-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 816912

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-240290-1	BWS2254-D2-AQ	Total/NA	Water	8015B	812379
380-240290-3	BWS2254-D2-FB	Total/NA	Water	8015B	812379
MB 570-812379/1-A	Method Blank	Total/NA	Water	8015B	812379
LCS 570-812379/2-A	Lab Control Sample	Total/NA	Water	8015B	812379
LCSD 570-812379/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	812379
MRL 570-812379/4-A	Lab Control Sample	Total/NA	Water	8015B	812379
380-240257-J-1-A MS	Matrix Spike	Total/NA	Water	8015B	812379
380-240257-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	812379

Lab Chronicle

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

Job ID: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2254-D2-AQ

Lab Sample ID: 380-240290-1
Date Collected: 10/05/26 11:15
Matrix: Water
Date Received: 10/07/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	815440	N5PD	EET CAL 4	10/15/26 02:57
Total/NA	Analysis	8015B GRO LL		1	813647	W4LC	EET CAL 4	10/11/26 14:36
Total/NA	Prep	3510C			812379	ATRL	EET CAL 4	10/08/26 13:50
Total/NA	Analysis	8015B		1	816912	H6FE	EET CAL 4	10/17/26 10:58

Client Sample ID: BWS2254-D2-TB

Lab Sample ID: 380-240290-2
Date Collected: 10/05/26 11:15
Matrix: Water
Date Received: 10/07/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	815440	N5PD	EET CAL 4	10/14/26 23:09
Total/NA	Analysis	8015B GRO LL		1	813647	W4LC	EET CAL 4	10/11/26 18:00

Client Sample ID: BWS2254-D2-FB

Lab Sample ID: 380-240290-3
Date Collected: 10/05/26 11:15
Matrix: Water
Date Received: 10/07/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260B		1	815440	N5PD	EET CAL 4	10/14/26 23:32
Total/NA	Analysis	8015B GRO LL		1	813647	W4LC	EET CAL 4	10/11/26 21:39
Total/NA	Prep	3510C			812379	ATRL	EET CAL 4	10/08/26 13:50
Total/NA	Analysis	8015B		1	816912	H6FE	EET CAL 4	10/17/26 11:19

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
Job ID: 380-240290-1
Project/Site: INTERA - Red-Hill-Incident
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-16-26
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: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	EET CAL 4
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

Protocol References:

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: 380-240290-1
SDG: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-240290-1	BWS2254-D2-AQ	Water	10/05/26 11:15	10/07/26 09:45	Hawaii
380-240290-2	BWS2254-D2-TB	Water	10/05/26 11:15	10/07/26 09:45	Hawaii
380-240290-3	BWS2254-D2-FB	Water	10/05/26 11:15	10/07/26 09:45	Hawaii

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

Chain of Custody Record

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380-240290 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:			
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 #:			
Project Name: INTERA - Red-Hill-Incident	Project #: 38000861			
Site: D2	SSOW#:			

Analysis Requested

Preservation Codes
A - HCL
N - None
Other:

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:		X	X	A	A	N	N	X	
BWS2254-D2-AQ	10/5/26	1115	G	Water	N	N	4	4	3	2	13	
BWS2254-D2-TB	10/5/26	1115	G	Water	N	N	2	2			4	LAB FILLED TRIP BLANKS
BWS2254-D2-FB	10/5/26	1115	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.

8782 1874 6843

Empty Kit Relinquished by:	Date:	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	10/5/26 1400	INTERA, INC	[signature] YHDL	10/7/26 9:45	[illegible]
2				[signature]		
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 6/8A/1.3 0.1 = 1.2 IR

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
240290

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-390249.1
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 #: 380-240290-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 10/19/2026			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			

380-240290 Chain of Custody

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 containe	Special Instructions/Note:
			Preservation Code:										
BWS2254-D2-AQ (380-240290-1)	10/5/26	11:15 Hawaiian	G	Water			X	X	X	X	X	13	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2254-D2-TB (380-240290-2)	10/5/26	11:15 Hawaiian	G	Water			X		X			4	MRLs are needed. Confirm any hits >RL., MRLs are needed.
BWS2254-D2-FB (380-240290-3)	10/5/26	11:15 Hawaiian	G	Water			X	X	X	X	X	8	MRLs are needed. Confirm any hits >RL., MRLs are needed.

Other: N/A

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
1	Mark Urratia	10/7/26 1650	EEAP	Manuel Garcia	10/7/26 1655	eay
2	Manuel Garcia	10/7/26 1810	eay		10/8/26 1810	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.5 4.1/4.3 3.2/3.4 2.6/2.8 IR-8

Ver: 08/18/2026

10/30/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-240290-1
SDG Number: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 240290
List Number: 1
Creator: Tran, Kristine

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
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: 380-240290-1
SDG Number: Site D2 625.1, 8015B_DRO/_GRO, 8260B

Login Number: 240290
List Number: 2
Creator: Mills, Mary

List Source: Eurofins Calscience
List Creation: 10/07/26 08:26 PM

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	2.5, 3.4, 2.8, 4.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	