

ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

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

JOB NUMBER

380-212246-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



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Definitions/Glossary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Qualifiers

GC/MS Semi VOA TICs

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

Glossary

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

Case Narrative

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

Job ID: 380-212246-1

Job ID: 380-212246-1

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Job Narrative 380-212246-1

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 5/6/2026 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 3.3°C.

GC/MS VOA

Method 8260B: Reanalysis of the following sample was performed outside of the analytical holding time due to, confirmation of initial analysis for: BWS2253-H1-AQ (380-212246-1). Due to this hold time issue, analysis was excluded. A follow up sample was collected on 05/18/26 under job # 380-214727-1. Analysis by EPA 8260B is currently in progress. (XWB4)

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

8015B_DRO_LL for BWS2253-H1-AQ (380-212246-1) is a follow up sample for BWS2253-H1-AQ (380-210014-1) collected on 04/22/26. (XWB4)

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

Diesel Range Organics

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

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Detection Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-212246-1

☐ No Detections.

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-212246-2

☐ No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-212246-1

Date Collected: 05/05/26 12:00

Matrix: Water

Date Received: 05/06/26 09:45

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		05/09/26 08:00	05/14/26 07:27	1
2-Methylnaphthalene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Acenaphthene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Acenaphthylene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Anthracene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Benzo[a]anthracene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Benzo[a]pyrene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Chrysene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Fluoranthene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Fluorene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Naphthalene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Phenanthrene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1
Pyrene	<0.19		0.19	ug/L		05/09/26 08:00	05/14/26 07:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	48		28 - 127	05/09/26 08:00	05/14/26 07:27	1
2-Fluorobiphenyl (Surr)	70		31 - 120	05/09/26 08:00	05/14/26 07:27	1
2-Fluorophenol (Surr)	31		17 - 120	05/09/26 08:00	05/14/26 07:27	1
Nitrobenzene-d5 (Surr)	74		27 - 120	05/09/26 08:00	05/14/26 07:27	1
Phenol-d6 (Surr)	23		10 - 120	05/09/26 08:00	05/14/26 07:27	1
p-Terphenyl-d14 (Surr)	68		45 - 120	05/09/26 08:00	05/14/26 07:27	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
Cyclotetrasiloxane, octamethyl-	7.7	T J N	ug/L		3.55	556-67-2	05/09/26 08:00	05/19/26 21:39	1
Cyclopentasiloxane, decamethyl-	4.2	T J N	ug/L		4.75	541-02-6	05/09/26 08:00	05/19/26 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	42		33 - 139	05/09/26 08:00	05/19/26 21:39	1
2-Fluorobiphenyl (Surr)	63		33 - 126	05/09/26 08:00	05/19/26 21:39	1
2-Fluorophenol (Surr)	35		12 - 120	05/09/26 08:00	05/19/26 21:39	1
Nitrobenzene-d5 (Surr)	78		36 - 120	05/09/26 08:00	05/19/26 21:39	1
Phenol-d6 (Surr)	19		10 - 120	05/09/26 08:00	05/19/26 21:39	1
p-Terphenyl-d14 (Surr)	73		47 - 131	05/09/26 08:00	05/19/26 21:39	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			05/19/26 02:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134		05/19/26 02:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<27		27	ug/L		05/10/26 09:15	05/16/26 22:56	1

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Client Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-212246-1

Date Collected: 05/05/26 12:00

Matrix: Water

Date Received: 05/06/26 09:45

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	<27		27	ug/L		05/10/26 09:15	05/16/26 22:56	1
C8-C18	<27		27	ug/L		05/10/26 09:15	05/16/26 22:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	115		60 - 130			05/10/26 09:15	05/16/26 22:56	1

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-212246-2

Date Collected: 05/05/26 12:00

Matrix: Water

Date Received: 05/06/26 09:45

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			05/18/26 22:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		38 - 134				05/18/26 22:09	1

Action Limit Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-212246-1

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	RL	Method	Prep Type
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: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-139)	FBP (33-126)	2FP (12-120)	NBZ (36-120)	PHL6 (10-120)	TPHd14 (47-131)
380-212246-1	BWS2253-H1-AQ	42	63	35	78	19	73
MB 570-735990/1-A	Method Blank	81	80	60	93	32	82

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
380-212211-C-1-A MS	Matrix Spike	76	92	69	81	43	84
380-212211-C-1-B MSD	Matrix Spike Duplicate	76	87	64	78	41	82
380-212246-1	BWS2253-H1-AQ	48	70	31	74	23	68
LCS 570-735990/2-A	Lab Control Sample	73	89	68	80	44	87
LCSD 570-735990/3-A	Lab Control Sample Dup	75	86	67	80	43	84
MB 570-735990/1-A	Method Blank	92	102	68	111	41	88

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		BFB1 (38-134)					
380-212246-1	BWS2253-H1-AQ	102					
380-212246-2	BWS2253-H1-TB	102					
380-213690-B-1 MS	Matrix Spike	99					
380-213690-B-1 MSD	Matrix Spike Duplicate	99					
LCS 570-740696/3	Lab Control Sample	101					
LCSD 570-740696/4	Lab Control Sample Dup	103					
MB 570-740696/6	Method Blank	103					
MRL 570-740696/5	Lab Control Sample	100					

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-212211-B-1-A MS	Matrix Spike	101
380-212211-B-1-B MSD	Matrix Spike Duplicate	103
380-212246-1 - RA	BWS2253-H1-AQ	115
LCS 570-736670/2-A	Lab Control Sample	104
LCSD 570-736670/3-A	Lab Control Sample Dup	110
MB 570-736670/1-A	Method Blank	103
MRL 570-736670/4-A	Lab Control Sample	112

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-735990/1-A
Matrix: Water
Analysis Batch: 741332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735990

<i>Tentatively Identified Compound</i>	<i>Est. Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	<i>None</i>		<i>ug/L</i>			<i>N/A</i>	<i>05/09/26 08:00</i>	<i>05/19/26 19:07</i>	<i>1</i>
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>				<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	81		33 - 139				05/09/26 08:00	05/19/26 19:07	1
2-Fluorobiphenyl (Surr)	80		33 - 126				05/09/26 08:00	05/19/26 19:07	1
2-Fluorophenol (Surr)	60		12 - 120				05/09/26 08:00	05/19/26 19:07	1
Nitrobenzene-d5 (Surr)	93		36 - 120				05/09/26 08:00	05/19/26 19:07	1
Phenol-d6 (Surr)	32		10 - 120				05/09/26 08:00	05/19/26 19:07	1
p-Terphenyl-d14 (Surr)	82		47 - 131				05/09/26 08:00	05/19/26 19:07	1

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

Lab Sample ID: MB 570-735990/1-A
Matrix: Water
Analysis Batch: 738524

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 735990

<i>Analyte</i>	<i>Result</i>	<i>MB MB</i> <i>Qualifier</i>	<i>RL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
1-Methylnaphthalene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
2-Methylnaphthalene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Acenaphthene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Acenaphthylene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Anthracene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Benzo[a]anthracene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Benzo[a]pyrene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Chrysene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Fluoranthene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Fluorene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Naphthalene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Phenanthrene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
Pyrene	<0.20		0.20	ug/L		05/09/26 08:00	05/14/26 01:37	1
<i>Surrogate</i>	<i>%Recovery</i>	<i>MB MB</i> <i>Qualifier</i>	<i>Limits</i>			<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
2,4,6-Tribromophenol (Surr)	92		28 - 127			05/09/26 08:00	05/14/26 01:37	1
2-Fluorobiphenyl (Surr)	102		31 - 120			05/09/26 08:00	05/14/26 01:37	1
2-Fluorophenol (Surr)	68		17 - 120			05/09/26 08:00	05/14/26 01:37	1
Nitrobenzene-d5 (Surr)	111		27 - 120			05/09/26 08:00	05/14/26 01:37	1
Phenol-d6 (Surr)	41		10 - 120			05/09/26 08:00	05/14/26 01:37	1
p-Terphenyl-d14 (Surr)	88		45 - 120			05/09/26 08:00	05/14/26 01:37	1

QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-735990/2-A

Matrix: Water

Analysis Batch: 738524

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 735990

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.4		ug/L		72	47 - 120
2-Methylnaphthalene	20.0	13.6		ug/L		68	43 - 120
Acenaphthene	20.0	18.1		ug/L		91	60 - 132
Acenaphthylene	20.0	19.2		ug/L		96	54 - 126
Anthracene	20.0	17.3		ug/L		86	43 - 120
Benzo[a]anthracene	20.0	18.0		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	18.1		ug/L		90	32 - 148
Benzo[b]fluoranthene	20.0	17.6		ug/L		88	42 - 140
Benzo[g,h,i]perylene	20.0	18.5		ug/L		92	1 - 195
Benzo[k]fluoranthene	20.0	17.5		ug/L		88	25 - 146
Chrysene	20.0	18.1		ug/L		90	44 - 140
Dibenz(a,h)anthracene	20.0	19.0		ug/L		95	1 - 200
Fluoranthene	20.0	16.0		ug/L		80	43 - 121
Fluorene	20.0	18.2		ug/L		91	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	18.6		ug/L		93	1 - 151
Naphthalene	20.0	14.5		ug/L		73	36 - 120
Phenanthrene	20.0	17.6		ug/L		88	65 - 120
Pyrene	20.0	19.9		ug/L		100	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	73		28 - 127
2-Fluorobiphenyl (Surr)	89		31 - 120
2-Fluorophenol (Surr)	68		17 - 120
Nitrobenzene-d5 (Surr)	80		27 - 120
Phenol-d6 (Surr)	44		10 - 120
p-Terphenyl-d14 (Surr)	87		45 - 120

Lab Sample ID: LCSD 570-735990/3-A

Matrix: Water

Analysis Batch: 738524

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 735990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	14.4		ug/L		72	47 - 120	0	20
2-Methylnaphthalene	20.0	13.4		ug/L		67	43 - 120	2	20
Acenaphthene	20.0	17.3		ug/L		86	60 - 132	5	29
Acenaphthylene	20.0	18.4		ug/L		92	54 - 126	5	45
Anthracene	20.0	17.2		ug/L		86	43 - 120	1	40
Benzo[a]anthracene	20.0	17.3		ug/L		86	42 - 133	4	32
Benzo[a]pyrene	20.0	17.4		ug/L		87	32 - 148	4	43
Benzo[b]fluoranthene	20.0	17.1		ug/L		86	42 - 140	3	43
Benzo[g,h,i]perylene	20.0	17.4		ug/L		87	1 - 195	6	61
Benzo[k]fluoranthene	20.0	17.9		ug/L		90	25 - 146	2	38
Chrysene	20.0	17.9		ug/L		89	44 - 140	1	53
Dibenz(a,h)anthracene	20.0	18.4		ug/L		92	1 - 200	3	75
Fluoranthene	20.0	17.0		ug/L		85	43 - 121	6	40
Fluorene	20.0	17.6		ug/L		88	70 - 120	4	23
Indeno[1,2,3-cd]pyrene	20.0	18.2		ug/L		91	1 - 151	2	60
Naphthalene	20.0	14.2		ug/L		71	36 - 120	2	39

Eurofins Pomona

QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCSD 570-735990/3-A

Matrix: Water

Analysis Batch: 738524

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 735990

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	17.3		ug/L		87	65 - 120	2	24
Pyrene	20.0	20.3		ug/L		102	70 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	75		28 - 127
2-Fluorobiphenyl (Surr)	86		31 - 120
2-Fluorophenol (Surr)	67		17 - 120
Nitrobenzene-d5 (Surr)	80		27 - 120
Phenol-d6 (Surr)	43		10 - 120
p-Terphenyl-d14 (Surr)	84		45 - 120

Lab Sample ID: 380-212211-C-1-A MS

Matrix: Water

Analysis Batch: 738524

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 735990

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		19.7	15.0		ug/L		76	36 - 120
2-Methylnaphthalene	<0.20		19.7	13.8		ug/L		70	32 - 124
Acenaphthene	<0.20		19.7	17.6		ug/L		89	47 - 145
Acenaphthylene	<0.20		19.7	19.0		ug/L		96	33 - 145
Anthracene	<0.20		19.7	16.7		ug/L		85	27 - 133
Benzo[a]anthracene	<0.20		19.7	17.7		ug/L		90	33 - 143
Benzo[a]pyrene	<0.20		19.7	17.6		ug/L		90	17 - 163
Benzo[b]fluoranthene	<0.20		19.7	16.8		ug/L		86	24 - 159
Benzo[g,h,i]perylene	<0.20		19.7	17.5		ug/L		89	1 - 219
Benzo[k]fluoranthene	<0.20		19.7	16.9		ug/L		86	11 - 162
Chrysene	<0.20		19.7	17.6		ug/L		89	17 - 168
Dibenz(a,h)anthracene	<0.20		19.7	17.7		ug/L		90	1 - 227
Fluoranthene	<0.20		19.7	16.5		ug/L		84	26 - 137
Fluorene	<0.20		19.7	17.9		ug/L		91	59 - 121
Indeno[1,2,3-cd]pyrene	<0.20		19.7	17.8		ug/L		91	1 - 171
Naphthalene	<0.20		19.7	14.5		ug/L		74	21 - 133
Phenanthrene	<0.20		19.7	17.3		ug/L		88	54 - 120
Pyrene	<0.20		19.7	20.0		ug/L		102	52 - 120

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2,4,6-Tribromophenol (Surr)	76		28 - 127
2-Fluorobiphenyl (Surr)	92		31 - 120
2-Fluorophenol (Surr)	69		17 - 120
Nitrobenzene-d5 (Surr)	81		27 - 120
Phenol-d6 (Surr)	43		10 - 120
p-Terphenyl-d14 (Surr)	84		45 - 120

QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-212211-C-1-B MSD

Matrix: Water

Analysis Batch: 738524

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 735990

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		19.4	14.1		ug/L		72	36 - 120	6	30
2-Methylnaphthalene	<0.20		19.4	13.1		ug/L		67	32 - 124	6	30
Acenaphthene	<0.20		19.4	16.9		ug/L		87	47 - 145	4	48
Acenaphthylene	<0.20		19.4	17.8		ug/L		92	33 - 145	7	74
Anthracene	<0.20		19.4	16.3		ug/L		84	27 - 133	2	66
Benzo[a]anthracene	<0.20		19.4	17.0		ug/L		87	33 - 143	4	53
Benzo[a]pyrene	<0.20		19.4	17.0		ug/L		88	17 - 163	4	72
Benzo[b]fluoranthene	<0.20		19.4	16.4		ug/L		85	24 - 159	2	71
Benzo[g,h,i]perylene	<0.20		19.4	17.2		ug/L		88	1 - 219	2	97
Benzo[k]fluoranthene	<0.20		19.4	16.8		ug/L		86	11 - 162	1	63
Chrysene	<0.20		19.4	17.0		ug/L		87	17 - 168	4	87
Dibenz(a,h)anthracene	<0.20		19.4	17.8		ug/L		92	1 - 227	1	126
Fluoranthene	<0.20		19.4	16.3		ug/L		84	26 - 137	2	66
Fluorene	<0.20		19.4	17.2		ug/L		89	59 - 121	4	38
Indeno[1,2,3-cd]pyrene	<0.20		19.4	17.7		ug/L		91	1 - 171	1	99
Naphthalene	<0.20		19.4	13.7		ug/L		71	21 - 133	6	65
Phenanthrene	<0.20		19.4	16.8		ug/L		86	54 - 120	3	39
Pyrene	<0.20		19.4	19.2		ug/L		99	52 - 120	4	49

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		28 - 127
2-Fluorobiphenyl (Surr)	87		31 - 120
2-Fluorophenol (Surr)	64		17 - 120
Nitrobenzene-d5 (Surr)	78		27 - 120
Phenol-d6 (Surr)	41		10 - 120
p-Terphenyl-d14 (Surr)	82		45 - 120

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

Lab Sample ID: MB 570-740696/6

Matrix: Water

Analysis Batch: 740696

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			05/18/26 19:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		38 - 134		05/18/26 19:39	1

Lab Sample ID: LCS 570-740696/3

Matrix: Water

Analysis Batch: 740696

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	415		ug/L		104	78 - 120

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QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: LCS 570-740696/3

Matrix: Water

Analysis Batch: 740696

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

Lab Sample ID: LCSD 570-740696/4

Matrix: Water

Analysis Batch: 740696

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	437		ug/L		109	78 - 120	5	10

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

Lab Sample ID: MRL 570-740696/5

Matrix: Water

Analysis Batch: 740696

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	12.7		ug/L		127	50 - 150		

	MRL	MRL	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		38 - 134

Lab Sample ID: 380-213690-B-1 MS

Matrix: Water

Analysis Batch: 740696

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	371		ug/L		93	68 - 122		

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

Lab Sample ID: 380-213690-B-1 MSD

Matrix: Water

Analysis Batch: 740696

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	379		ug/L		95	68 - 122	2	18

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

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QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: MB 570-736670/1-A

Matrix: Water

Analysis Batch: 738794

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 736670

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		05/10/26 09:02	05/14/26 11:31	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		05/10/26 09:02	05/14/26 11:31	1
C8-C18	<25		25	ug/L		05/10/26 09:02	05/14/26 11:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	103		60 - 130			05/10/26 09:02	05/14/26 11:31	1

Lab Sample ID: LCS 570-736670/2-A

Matrix: Water

Analysis Batch: 738794

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736670

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1740		ug/L		109	56 - 127
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
n-Octacosane (Surr)	104		60 - 130				

Lab Sample ID: LCSD 570-736670/3-A

Matrix: Water

Analysis Batch: 738794

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 736670

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1730		ug/L		108	56 - 127	0	23
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
n-Octacosane (Surr)	110		60 - 130						

Lab Sample ID: MRL 570-736670/4-A

Matrix: Water

Analysis Batch: 739984

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 736670

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	<0.020		mg/L		69	50 - 150
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
n-Octacosane (Surr)	112		60 - 130				

Lab Sample ID: 380-212211-B-1-A MS

Matrix: Water

Analysis Batch: 738794

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 736670

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<25	^3+	1630	1680		ug/L		103	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
n-Octacosane (Surr)	101		60 - 130						

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QC Sample Results

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

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

Lab Sample ID: 380-212211-B-1-B MSD

Matrix: Water

Analysis Batch: 738794

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 736670

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25	^3+	1630	1710		ug/L		105	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
n-Octacosane (Surr)	103		60 - 130								

QC Association Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC/MS Semi VOA

Prep Batch: 735990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1	BWS2253-H1-AQ	Total/NA	Water	625.1	
MB 570-735990/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-735990/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-735990/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-212211-C-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-212211-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 738524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1	BWS2253-H1-AQ	Total/NA	Water	625.1 SIM	735990
MB 570-735990/1-A	Method Blank	Total/NA	Water	625.1 SIM	735990
LCS 570-735990/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	735990
LCSD 570-735990/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	735990
380-212211-C-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	735990
380-212211-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	735990

Analysis Batch: 741332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1	BWS2253-H1-AQ	Total/NA	Water	625.1	735990
MB 570-735990/1-A	Method Blank	Total/NA	Water	625.1	735990

GC VOA

Analysis Batch: 740696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1	BWS2253-H1-AQ	Total/NA	Water	8015B GRO LL	
380-212246-2	BWS2253-H1-TB	Total/NA	Water	8015B GRO LL	
MB 570-740696/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-740696/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-740696/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-740696/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-213690-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-213690-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 736670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1 - RA	BWS2253-H1-AQ	Total/NA	Water	3510C	
MB 570-736670/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-736670/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-736670/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-736670/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-212211-B-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-212211-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 738794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-736670/1-A	Method Blank	Total/NA	Water	8015B	736670
LCS 570-736670/2-A	Lab Control Sample	Total/NA	Water	8015B	736670
LCSD 570-736670/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	736670
380-212211-B-1-A MS	Matrix Spike	Total/NA	Water	8015B	736670

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QC Association Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

GC Semi VOA (Continued)

Analysis Batch: 738794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212211-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	736670

Analysis Batch: 739984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-212246-1 - RA	BWS2253-H1-AQ	Total/NA	Water	8015B	736670
MRL 570-736670/4-A	Lab Control Sample	Total/NA	Water	8015B	736670

Lab Chronicle

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Client Sample ID: BWS2253-H1-AQ

Lab Sample ID: 380-212246-1

Date Collected: 05/05/26 12:00

Matrix: Water

Date Received: 05/06/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625.1			735990	KLZQ	EET CAL 4	05/09/26 08:00
Total/NA	Analysis	625.1		1	741332	J7WE	EET CAL 4	05/19/26 21:39
Total/NA	Prep	625.1			735990	KLZQ	EET CAL 4	05/09/26 08:00
Total/NA	Analysis	625.1 SIM		1	738524	PQS1	EET CAL 4	05/14/26 07:27
Total/NA	Analysis	8015B GRO LL		1	740696	W4LC	EET CAL 4	05/19/26 02:00
Total/NA	Prep	3510C	RA		736670	TVD6	EET CAL 4	05/10/26 09:15
Total/NA	Analysis	8015B	RA	1	739984	H6FE	EET CAL 4	05/16/26 22:56

Client Sample ID: BWS2253-H1-TB

Lab Sample ID: 380-212246-2

Date Collected: 05/05/26 12:00

Matrix: Water

Date Received: 05/06/26 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	740696	W4LC	EET CAL 4	05/18/26 22:09

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: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	05-19-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-01-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Method	Method Description	Protocol	Laboratory
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: 380-212246-1
SDG: Site H1 625.1, 8015B_DRO/_GRO, 8260B

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-212246-1	BWS2253-H1-AQ	Water	05/05/26 12:00	05/06/26 09:45	Hawaii
380-212246-2	BWS2253-H1-TB	Water	05/05/26 12:00	05/06/26 09:45	Hawaii

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6/2/2026

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Chain of Custody Record

[illegible]

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-212246-1

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

Login Number: 212246

List Number: 1

Creator: Ngo, Theodore

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	
CIO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pomona

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-212246-1

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

Login Number: 212246

List Number: 2

Creator: Khana, Piyush

List Source: Eurofins Calscience

List Creation: 05/07/26 06:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pomona