eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
630 South Beretania Street
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Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Weekly: Aiea Gulch Pump 1/Pump 2

JOB NUMBER

380-193863-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

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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Table of Contents

Qualifiers

GC/MS 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.

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

Job Narrative
380-193863-1

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 1/22/2026 9:55 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.0°C.

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

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

Diesel Range Organics
8015 DRO for Aiea Gulch Pump 1 (380-193863-1) collected on 01/21/26 is a resample for Aiea Gulch Pump 1 (380-192330-1) collected on 01/12/26. (XWB4)
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: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Client Sample ID: AIEA GULCH PUMP 1 — Lab Sample ID: 380-193863-1

No Detections.

Client Sample ID: TB: AIEA GULCH PUMP 1 — Lab Sample ID: 380-193863-2

No Detections.

Client Sample ID: AIEA GULCH PUMP 2 — Lab Sample ID: 380-193863-3

No Detections.

Client Sample ID: TB: AIEA GULCH PUMP 2 — Lab Sample ID: 380-193863-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: AIEA GULCH PUMP 1

Date Collected: 01/21/26 09:00
Date Received: 01/22/26 09:55

Lab Sample ID: 380-193863-1

Matrix: Water

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2,4'-DDD	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2,4'-DDE	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2,4'-DDT	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2,4-Dinitrotoluene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2,6-Dinitrotoluene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
2-Methylnaphthalene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
4,4'-DDD	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
4,4'-DDE	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
4,4'-DDT	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Acenaphthene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Acenaphthylene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Acetochlor	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Alachlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
alpha-BHC	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
alpha-Chlordane	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Anthracene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:10	1
Atrazine	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Benz(a)anthracene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Benzo[a]pyrene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:10	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:10	1
Benzo[g,h,i]perylene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:10	1
beta-BHC	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Bis(2-ethylhexyl) phthalate	<0.61		0.61		ug/L		01/26/26 08:10	01/27/26 19:10	1
Bromacil	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Butachlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Butylbenzylphthalate	<0.51		0.51		ug/L		01/26/26 08:10	01/27/26 19:10	1
Chlorobenzilate	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Chloroneb	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Chlorothalonil (Draconil, Bravo)	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Chlorpyrifos	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Chrysene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:10	1
delta-BHC	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Di(2-ethylhexyl)adipate	<0.61		0.61		ug/L		01/26/26 08:10	01/27/26 19:10	1
Dibenz(a,h)anthracene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Diclorvos (DDVP)	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Dieldrin	<0.010		0.010		ug/L		01/26/26 08:10	01/27/26 19:10	1
Diethylphthalate	<0.51		0.51		ug/L		01/26/26 08:10	01/27/26 19:10	1
Dimethylphthalate	<0.51		0.51		ug/L		01/26/26 08:10	01/27/26 19:10	1
Di-n-butyl phthalate	<1.0		1.0		ug/L		01/26/26 08:10	01/27/26 19:10	1
Di-n-octyl phthalate	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Endosulfan I (Alpha)	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Endosulfan II (Beta)	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Endosulfan sulfate	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Endrin	<0.010		0.010		ug/L		01/26/26 08:10	01/27/26 19:10	1
Endrin aldehyde	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
EPTC	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Fluoranthene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1

Client Sample ID: AIEA GULCH PUMP 1
Date Collected: 01/21/26 09:00
Date Received: 01/22/26 09:55

Lab Sample ID: 380-193863-1
Matrix: Water

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
gamma-Chlordane	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Heptachlor	<0.010		0.010		ug/L		01/26/26 08:10	01/27/26 19:10	1
Heptachlor epoxide (isomer B)	<0.010		0.010		ug/L		01/26/26 08:10	01/27/26 19:10	1
Hexachlorobenzene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Hexachlorocyclopentadiene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Indeno[1,2,3-cd]pyrene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Isophorone	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Lindane	<0.010		0.010		ug/L		01/26/26 08:10	01/27/26 19:10	1
Malathion	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Methoxychlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Metolachlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Molinate	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Naphthalene	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Parathion	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Pendimethalin (Penoxaline)	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Phenanthrene	<0.041		0.041		ug/L		01/26/26 08:10	01/27/26 19:10	1
Propachlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Pyrene	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Simazine	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Terbacil	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Terbuthylazine	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Thiobencarb	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		01/26/26 08:10	01/27/26 19:10	1
trans-Nonachlor	<0.051		0.051		ug/L		01/26/26 08:10	01/27/26 19:10	1
Trifluralin	<0.10		0.10		ug/L		01/26/26 08:10	01/27/26 19:10	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*01/26/26 08:10*	*01/27/26 19:10*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:10*	*1*
Perylene-d12	*95*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:10*	*1*
Triphenylphosphate	*97*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:10*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Acenaphthene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Acenaphthylene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Benzo[a]pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Chrysene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1

Client Sample ID: AIEA GULCH PUMP 1

Lab Sample ID: 380-193863-1

Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Naphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Phenanthrene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1
Pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/03/26 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*28 - 127*	*01/24/26 09:00*	*02/03/26 17:10*	*1*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*	*01/24/26 09:00*	*02/03/26 17:10*	*1*
2-Fluorophenol (Surr)	*49*		*17 - 120*	*01/24/26 09:00*	*02/03/26 17:10*	*1*
Nitrobenzene-d5 (Surr)	*71*		*27 - 120*	*01/24/26 09:00*	*02/03/26 17:10*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*01/24/26 09:00*	*02/03/26 17:10*	*1*
p-Terphenyl-d14 (Surr)	*81*		*45 - 120*	*01/24/26 09:00*	*02/03/26 17:10*	*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*
Cyclic octaatomic sulfur	*6.0*	*T J N*	*ug/L*		*9.83*	*10544-50-0*	*01/24/26 09:00*	*02/04/26 16:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*33 - 139*	*01/24/26 09:00*	*02/04/26 16:14*	*1*
2-Fluorobiphenyl (Surr)	*68*		*33 - 126*	*01/24/26 09:00*	*02/04/26 16:14*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 120*	*01/24/26 09:00*	*02/04/26 16:14*	*1*
Nitrobenzene-d5 (Surr)	*60*		*36 - 120*	*01/24/26 09:00*	*02/04/26 16:14*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*01/24/26 09:00*	*02/04/26 16:14*	*1*
p-Terphenyl-d14 (Surr)	*74*		*47 - 131*	*01/24/26 09:00*	*02/04/26 16:14*	*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			01/27/26 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*01/27/26 20:45*	*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)	<26		26		ug/L		01/25/26 10:38	01/28/26 19:23	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		01/25/26 10:38	01/28/26 19:23	1
C8-C18	<26		26		ug/L		01/25/26 10:38	01/28/26 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*60 - 130*	*01/25/26 10:38*	*01/28/26 19:23*	*1*

Client Sample ID: TB: AIEA GULCH PUMP 1

Lab Sample ID: 380-193863-2

Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

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			01/28/26 02:10	1

Client Sample ID: TB: AIEA GULCH PUMP 1

Lab Sample ID: 380-193863-2

Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*01/28/26 02:10*	*1*

Client Sample ID: AIEA GULCH PUMP 2

Lab Sample ID: 380-193863-3

Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2,4'-DDD	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2,4'-DDE	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2,4'-DDT	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
2-Methylnaphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
4,4'-DDD	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
4,4'-DDE	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
4,4'-DDT	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Acenaphthene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Acenaphthylene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Acetochlor	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Alachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
alpha-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
alpha-Chlordane	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Anthracene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:30	1
Atrazine	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Benz(a)anthracene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Benzo[a]pyrene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:30	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:30	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:30	1
beta-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60		ug/L		01/26/26 08:10	01/27/26 19:30	1
Bromacil	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Butachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Butylbenzylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 19:30	1
Chlorobenzilate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Chloroneb	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Chlorpyrifos	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Chrysene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 19:30	1
delta-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Di(2-ethylhexyl)adipate	<0.60		0.60		ug/L		01/26/26 08:10	01/27/26 19:30	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Dieldrin	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Diethylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 19:30	1
Dimethylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 19:30	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		01/26/26 08:10	01/27/26 19:30	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1

Client Sample ID: AIEA GULCH PUMP 2
Date Collected: 01/21/26 09:00
Date Received: 01/22/26 09:55

Lab Sample ID: 380-193863-3
Matrix: Water

Method: EPA 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Endosulfan I (Alpha)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Endosulfan sulfate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Endrin	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Endrin aldehyde	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
EPTC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Fluoranthene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Fluorene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
gamma-Chlordane	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Heptachlor	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Hexachlorobenzene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Isophorone	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Lindane	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Malathion	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Methoxychlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Metolachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Molinate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Naphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Parathion	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Phenanthrene	<0.040		0.040		ug/L		01/26/26 08:10	01/27/26 19:30	1
Propachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Pyrene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Simazine	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Terbacil	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Terbuthylazine	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Thiobencarb	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		01/26/26 08:10	01/27/26 19:30	1
trans-Nonachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 19:30	1
Trifluralin	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 19:30	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*01/26/26 08:10*	*01/27/26 19:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:30*	*1*
Perylene-d12	*95*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:30*	*1*
Triphenylphosphate	*98*		*70 - 130*	*01/26/26 08:10*	*01/27/26 19:30*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Acenaphthene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Acenaphthylene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1

Client Sample ID: AIEA GULCH PUMP 2

Date Collected: 01/21/26 09:00
Date Received: 01/22/26 09:55

Lab Sample ID: 380-193863-3

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Chrysene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Fluoranthene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Fluorene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Naphthalene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Phenanthrene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1
Pyrene	<0.20		0.20		ug/L		01/24/26 09:00	02/04/26 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*28 - 127*	*01/24/26 09:00*	*02/04/26 11:57*	*1*
2-Fluorobiphenyl (Surr)	*60*		*31 - 120*	*01/24/26 09:00*	*02/04/26 11:57*	*1*
2-Fluorophenol (Surr)	*42*		*17 - 120*	*01/24/26 09:00*	*02/04/26 11:57*	*1*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*	*01/24/26 09:00*	*02/04/26 11:57*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*01/24/26 09:00*	*02/04/26 11:57*	*1*
p-Terphenyl-d14 (Surr)	*60*		*45 - 120*	*01/24/26 09:00*	*02/04/26 11:57*	*1*

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

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*01/24/26 09:00*	*02/04/26 16:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*33 - 139*	*01/24/26 09:00*	*02/04/26 16:38*	*1*
2-Fluorobiphenyl (Surr)	*69*		*33 - 126*	*01/24/26 09:00*	*02/04/26 16:38*	*1*
2-Fluorophenol (Surr)	*58*		*12 - 120*	*01/24/26 09:00*	*02/04/26 16:38*	*1*
Nitrobenzene-d5 (Surr)	*58*		*36 - 120*	*01/24/26 09:00*	*02/04/26 16:38*	*1*
Phenol-d6 (Surr)	*29*		*10 - 120*	*01/24/26 09:00*	*02/04/26 16:38*	*1*
p-Terphenyl-d14 (Surr)	*67*		*47 - 131*	*01/24/26 09:00*	*02/04/26 16:38*	*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			01/27/26 22:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*		*01/27/26 22:30*	*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)	<26		26		ug/L		01/25/26 10:38	01/28/26 19:45	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		01/25/26 10:38	01/28/26 19:45	1
C8-C18	<26		26		ug/L		01/25/26 10:38	01/28/26 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*129*		*60 - 130*	*01/25/26 10:38*	*01/28/26 19:45*	*1*

Client Sample Results

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Client Sample ID: TB: AIEA GULCH PUMP 2

Date Collected: 01/21/26 09:00
Date Received: 01/22/26 09:55

Lab Sample ID: 380-193863-4

Matrix: Water

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			01/29/26 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*01/29/26 17:25*	*1*

Action Limit Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Client Sample ID: AIEA GULCH PUMP 1 — Lab Sample ID: 380-193863-1

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
Alachlor	<0.051		ug/L	2	0.051	525.2	Total/NA
Atrazine	<0.051		ug/L	3	0.051	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.61		ug/L	6	0.61	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.61		ug/L	400	0.61	525.2	Total/NA
Endrin	<0.010		ug/L	2	0.010	525.2	Total/NA
Heptachlor	<0.010		ug/L	0.4	0.010	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.010		ug/L	0.2	0.010	525.2	Total/NA
Hexachlorobenzene	<0.051		ug/L	1	0.051	525.2	Total/NA
Hexachlorocyclopentadiene	<0.051		ug/L	50	0.051	525.2	Total/NA
Lindane	<0.010		ug/L	0.2	0.010	525.2	Total/NA
Methoxychlor	<0.051		ug/L	40	0.051	525.2	Total/NA
Simazine	<0.051		ug/L	4	0.051	525.2	Total/NA
Benzo[a]pyrene	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Client Sample ID: AIEA GULCH PUMP 2 — Lab Sample ID: 380-193863-3

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	RL	Method	Prep Type
Alachlor	<0.050		ug/L	2	0.050	525.2	Total/NA
Atrazine	<0.050		ug/L	3	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.60		ug/L	6	0.60	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.60		ug/L	400	0.60	525.2	Total/NA
Endrin	<0.0099		ug/L	2	0.0099	525.2	Total/NA
Heptachlor	<0.0099		ug/L	0.4	0.0099	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Hexachlorobenzene	<0.050		ug/L	1	0.050	525.2	Total/NA
Hexachlorocyclopentadiene	<0.050		ug/L	50	0.050	525.2	Total/NA
Lindane	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Methoxychlor	<0.050		ug/L	40	0.050	525.2	Total/NA
Simazine	<0.050		ug/L	4	0.050	525.2	Total/NA
Benzo[a]pyrene - RA	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-193863-1	AIEA GULCH PUMP 1	99	95	97
380-193863-3	AIEA GULCH PUMP 2	98	95	98
380-193954-AD-1-A MS	Matrix Spike	98	99	103
380-193954-AE-1-A MSD	Matrix Spike Duplicate	98	97	102
LCS 380-200935/23-A	Lab Control Sample	97	99	99
MB 380-200935/21-A	Method Blank	95	94	98
MRL 380-200935/22-A	Lab Control Sample	97	92	94

Surrogate Legend

2NMX = 2-Nitro-m-xylene
PRY = Perylene-d12
TPP = Triphenylphosphate

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
380-193863-1	AIEA GULCH PUMP 1	51	68	55	60	28	74
380-193863-3	AIEA GULCH PUMP 2	52	69	58	58	29	67
MB 570-686409/1-A	Method Blank	98	95	73	86	37	102

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
380-193863-1	AIEA GULCH PUMP 1	70	70	49	71	31	81
380-193863-3 - RA	AIEA GULCH PUMP 2	63	60	42	63	27	60
570-264273-D-1-A MS	Matrix Spike	102	91	68	101	44	93
570-264273-F-1-A MSD	Matrix Spike Duplicate	85	77	60	85	39	79
LCS 570-686409/2-A	Lab Control Sample	105	88	69	96	44	99
LCSD 570-686409/3-A	Lab Control Sample Dup	95	80	58	82	38	91
MB 570-686409/1-A	Method Blank	97	87	59	89	37	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)

Surrogate Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

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)
380-193582-X-1 MS	Matrix Spike	97
380-193582-Y-1 MSD	Matrix Spike Duplicate	92
380-193863-1	AIEA GULCH PUMP 1	96
380-193863-2	TB: AIEA GULCH PUMP 1	96
380-193863-3	AIEA GULCH PUMP 2	91
380-193863-4	TB: AIEA GULCH PUMP 2	93
380-193954-C-1 MS	Matrix Spike	90
380-193954-E-1 MSD	Matrix Spike Duplicate	100
LCS 570-687650/3	Lab Control Sample	86
LCS 570-688658/3	Lab Control Sample	95
LCSD 570-687650/4	Lab Control Sample Dup	93
LCSD 570-688658/4	Lab Control Sample Dup	96
MB 570-687650/5	Method Blank	85
MB 570-688658/5	Method Blank	96
MRL 570-687650/6	Lab Control Sample	86
MRL 570-688658/6	Lab Control Sample	90

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)
380-193863-1	AIEA GULCH PUMP 1	118
380-193863-3	AIEA GULCH PUMP 2	129
380-194233-C-1-A MS	Matrix Spike	120
380-194233-D-1-A MSD	Matrix Spike Duplicate	115
LCS 570-686737/2-A	Lab Control Sample	92
LCSD 570-686737/3-A	Lab Control Sample Dup	102
MB 570-686737/1-A	Method Blank	117
MRL 570-686737/4-A	Lab Control Sample	121

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 525.2 - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 380-200935/21-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200935

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2,4'-DDD	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2,4'-DDE	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2,4'-DDT	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
2-Methylnaphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
4,4'-DDD	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
4,4'-DDE	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
4,4'-DDT	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Acenaphthene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Acenaphthylene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Acetochlor	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Alachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
alpha-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
alpha-Chlordane	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Anthracene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 14:08	1
Atrazine	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Benz(a)anthracene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Benzo[a]pyrene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 14:08	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 14:08	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 14:08	1
beta-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60		ug/L		01/26/26 08:10	01/27/26 14:08	1
Bromacil	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Butachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Butylbenzylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 14:08	1
Chlorobenzilate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Chloroneb	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Chlorpyrifos	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Chrysene	<0.020		0.020		ug/L		01/26/26 08:10	01/27/26 14:08	1
delta-BHC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Di(2-ethylhexyl)adipate	<0.60		0.60		ug/L		01/26/26 08:10	01/27/26 14:08	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Dieldrin	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Diethylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 14:08	1
Dimethylphthalate	<0.50		0.50		ug/L		01/26/26 08:10	01/27/26 14:08	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		01/26/26 08:10	01/27/26 14:08	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Endosulfan sulfate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Endrin	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Endrin aldehyde	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
EPTC	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-200935/21-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 200935

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Fluorene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
gamma-Chlordane	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Heptachlor	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Hexachlorobenzene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Isophorone	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Lindane	<0.0099		0.0099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Malathion	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Methoxychlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Metolachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Molinate	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Naphthalene	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Parathion	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Phenanthrene	<0.040		0.040		ug/L		01/26/26 08:10	01/27/26 14:08	1
Propachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Pyrene	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Simazine	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Terbacil	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Terbuthylazine	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Thiobencarb	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		01/26/26 08:10	01/27/26 14:08	1
trans-Nonachlor	<0.050		0.050		ug/L		01/26/26 08:10	01/27/26 14:08	1
Trifluralin	<0.099		0.099		ug/L		01/26/26 08:10	01/27/26 14:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*3.24*	*T J N*	*ug/L*		*3.21*	*1120-21-4*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
Cyclopentasiloxane, decamethyl-	*1.05*	*T J N*	*ug/L*		*3.35*	*541-02-6*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
Cyclohexasiloxane, dodecamethyl-	*1.08*	*T J N*	*ug/L*		*3.97*	*540-97-6*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
9-Octadecenamide, (Z)-	*1.30*	*T J N*	*ug/L*		*8.05*	*301-02-0*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
13-Docosenamide, (Z)-	*0.564*	*T J N*	*ug/L*		*10.60*	*112-84-5*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
Unknown	*0.776*	*T J*	*ug/L*		*15.16*	*N/A*	*01/26/26 08:10*	*01/27/26 14:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*95*		*70 - 130*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
Perylene-d12	*94*		*70 - 130*	*01/26/26 08:10*	*01/27/26 14:08*	*1*
Triphenylphosphate	*98*		*70 - 130*	*01/26/26 08:10*	*01/27/26 14:08*	*1*

Lab Sample ID: LCS 380-200935/23-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.99	1.96		ug/L		99	70 - 130		
2,4'-DDD			1.99	1.98		ug/L		99	70 - 130		

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-200935/23-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDE	1.99	2.14		ug/L		108	70 - 130
2,4'-DDT	1.99	1.93		ug/L		97	70 - 130
2,4-Dinitrotoluene	1.99	1.86		ug/L		93	70 - 130
2,6-Dinitrotoluene	1.99	1.86		ug/L		93	70 - 130
2-Methylnaphthalene	1.99	1.96		ug/L		98	70 - 130
4,4'-DDD	1.99	2.10		ug/L		105	70 - 130
4,4'-DDE	1.99	1.97		ug/L		99	70 - 130
4,4'-DDT	1.99	1.95		ug/L		98	70 - 130
Acenaphthene	1.99	1.97		ug/L		99	70 - 130
Acenaphthylene	1.99	2.05		ug/L		103	70 - 130
Acetochlor	1.99	2.12		ug/L		107	70 - 130
Alachlor	1.99	2.13		ug/L		107	70 - 130
alpha-BHC	1.99	1.97		ug/L		99	70 - 130
alpha-Chlordane	1.99	2.01		ug/L		101	70 - 130
Anthracene	1.99	1.98		ug/L		100	70 - 130
Atrazine	1.99	2.13		ug/L		107	70 - 130
Benz(a)anthracene	1.99	1.87		ug/L		94	70 - 130
Benzo[a]pyrene	1.99	2.08		ug/L		105	70 - 130
Benzo[b]fluoranthene	1.99	2.02		ug/L		102	70 - 130
Benzo[g,h,i]perylene	1.99	2.10		ug/L		106	70 - 130
Benzo[k]fluoranthene	1.99	2.06		ug/L		104	70 - 130
beta-BHC	1.99	1.97		ug/L		99	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	2.18		ug/L		110	70 - 130
Bromacil	1.99	1.83		ug/L		92	70 - 130
Butachlor	1.99	2.20		ug/L		110	70 - 130
Butylbenzylphthalate	1.99	2.03		ug/L		102	70 - 130
Chlorobenzilate	1.99	2.15		ug/L		108	70 - 130
Chloroneb	1.99	1.99		ug/L		100	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.02		ug/L		101	70 - 130
Chlorpyrifos	1.99	1.95		ug/L		98	70 - 130
Chrysene	1.99	2.00		ug/L		101	70 - 130
delta-BHC	1.99	1.99		ug/L		100	70 - 130
Di(2-ethylhexyl)adipate	1.99	1.95		ug/L		98	70 - 130
Dibenz(a,h)anthracene	1.99	2.05		ug/L		103	70 - 130
Diclorvos (DDVP)	1.99	1.98		ug/L		100	70 - 130
Dieldrin	1.99	2.12		ug/L		107	70 - 130
Diethylphthalate	1.99	2.13		ug/L		107	70 - 130
Dimethylphthalate	1.99	2.01		ug/L		101	70 - 130
Di-n-butyl phthalate	3.98	4.34		ug/L		109	70 - 130
Di-n-octyl phthalate	1.99	1.92		ug/L		96	70 - 130
Endosulfan I (Alpha)	1.99	1.90		ug/L		96	70 - 130
Endosulfan II (Beta)	1.99	1.86		ug/L		93	70 - 130
Endosulfan sulfate	1.99	2.12		ug/L		106	70 - 130
Endrin	1.99	2.15		ug/L		108	70 - 130
Endrin aldehyde	1.99	1.90		ug/L		95	60 - 130
EPTC	1.99	2.03		ug/L		102	70 - 130
Fluoranthene	1.99	2.04		ug/L		103	70 - 130
Fluorene	1.99	1.90		ug/L		96	70 - 130
gamma-Chlordane	1.99	2.03		ug/L		102	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-200935/23-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	1.99	2.08		ug/L		105	70 - 130
Heptachlor epoxide (isomer B)	1.99	1.91		ug/L		96	70 - 130
Hexachlorobenzene	1.99	1.91		ug/L		96	70 - 130
Hexachlorocyclopentadiene	1.99	1.89		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	2.04		ug/L		103	70 - 130
Isophorone	1.99	1.90		ug/L		96	70 - 130
Lindane	1.99	2.03		ug/L		102	70 - 130
Malathion	1.99	2.18		ug/L		110	70 - 130
Methoxychlor	1.99	1.98		ug/L		100	70 - 130
Metolachlor	1.99	2.13		ug/L		107	70 - 130
Molinate	1.99	2.05		ug/L		103	70 - 130
Naphthalene	1.99	1.93		ug/L		97	70 - 130
Parathion	1.99	2.06		ug/L		103	70 - 130
Pendimethalin (Penoxaline)	1.99	1.94		ug/L		98	70 - 130
Phenanthrene	1.99	2.00		ug/L		101	70 - 130
Propachlor	1.99	2.07		ug/L		104	70 - 130
Pyrene	1.99	2.04		ug/L		103	70 - 130
Simazine	1.99	2.00		ug/L		101	70 - 130
Terbacil	1.99	1.94		ug/L		98	70 - 130
Terbuthylazine	1.99	2.13		ug/L		107	70 - 130
Thiobencarb	1.99	2.15		ug/L		108	70 - 130
trans-Nonachlor	1.99	1.95		ug/L		98	70 - 130
Trifluralin	1.99	1.89		ug/L		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*99*		*70 - 130*

Lab Sample ID: MRL 380-200935/22-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0994	0.103		ug/L		104	50 - 150
2,4'-DDD	0.0994	0.0886	J	ug/L		89	50 - 150
2,4'-DDE	0.0994	0.0949	J	ug/L		96	50 - 150
2,4'-DDT	0.0994	0.101		ug/L		102	50 - 150
2,4-Dinitrotoluene	0.0994	0.0954	J	ug/L		96	50 - 150
2,6-Dinitrotoluene	0.0994	0.102		ug/L		103	50 - 150
2-Methylnaphthalene	0.0994	0.0967	J	ug/L		97	50 - 150
4,4'-DDD	0.0994	0.0893	J	ug/L		90	50 - 150
4,4'-DDE	0.0994	0.104		ug/L		104	50 - 150
4,4'-DDT	0.0994	0.110		ug/L		111	50 - 150
Acenaphthene	0.0994	0.0916	J	ug/L		92	50 - 150
Acenaphthylene	0.0994	0.0999		ug/L		101	50 - 150
Acetochlor	0.0994	0.110		ug/L		111	50 - 150
Alachlor	0.0497	0.0541		ug/L		109	50 - 150

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-200935/22-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	0.0994	0.109		ug/L		109	50 - 150
alpha-Chlordane	0.0249	<0.029		ug/L		105	50 - 150
Anthracene	0.0199	0.0218		ug/L		110	50 - 150
Atrazine	0.0497	0.0509		ug/L		102	50 - 150
Benz(a)anthracene	0.0497	0.0502		ug/L		101	50 - 150
Benzo[a]pyrene	0.0199	0.0210		ug/L		106	50 - 150
Benzo[b]fluoranthene	0.0199	0.0220		ug/L		111	50 - 150
Benzo[g,h,i]perylene	0.0497	0.0410	J	ug/L		83	50 - 150
Benzo[k]fluoranthene	0.0199	0.0205		ug/L		103	50 - 150
beta-BHC	0.0994	0.119		ug/L		120	50 - 150
Bis(2-ethylhexyl) phthalate	0.596	0.595	J	ug/L		100	50 - 150
Bromacil	0.0994	0.103		ug/L		103	50 - 150
Butachlor	0.0497	0.0536		ug/L		108	50 - 150
Butylbenzylphthalate	0.497	0.509		ug/L		102	50 - 150
Chlorobenzilate	0.0994	0.0893	J	ug/L		90	50 - 150
Chloroneb	0.0994	0.0960	J	ug/L		97	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0994	0.0995		ug/L		100	50 - 150
Chlorpyrifos	0.0497	0.0527		ug/L		106	50 - 150
Chrysene	0.0199	0.0244		ug/L		123	50 - 150
delta-BHC	0.0994	0.108		ug/L		109	50 - 150
Di(2-ethylhexyl)adipate	0.596	0.574	J	ug/L		96	50 - 150
Dibenz(a,h)anthracene	0.0497	0.0433	J	ug/L		87	50 - 150
Diclorvos (DDVP)	0.0497	0.0523		ug/L		105	50 - 150
Dieldrin	0.00994	0.0128		ug/L		129	50 - 150
Diethylphthalate	0.497	0.554		ug/L		111	50 - 150
Dimethylphthalate	0.497	0.528		ug/L		106	50 - 150
Di-n-butyl phthalate	0.497	0.580	J	ug/L		117	49 - 243
Di-n-octyl phthalate	0.0994	0.0813	J	ug/L		82	50 - 150
Endosulfan I (Alpha)	0.0994	0.0807	J	ug/L		81	50 - 150
Endosulfan II (Beta)	0.0994	0.114		ug/L		115	50 - 150
Endosulfan sulfate	0.0994	0.0950	J	ug/L		96	50 - 150
Endrin	0.00994	0.0110		ug/L		111	50 - 150
Endrin aldehyde	0.0994	0.0959	J	ug/L		96	50 - 150
EPTC	0.0994	0.103		ug/L		103	50 - 150
Fluoranthene	0.0994	0.103		ug/L		104	50 - 150
Fluorene	0.0497	0.0528		ug/L		106	50 - 150
gamma-Chlordane	0.0249	0.0262	J	ug/L		105	50 - 150
Heptachlor	0.00994	0.0110		ug/L		111	50 - 150
Heptachlor epoxide (isomer B)	0.00994	0.0113		ug/L		114	50 - 150
Hexachlorobenzene	0.0497	0.0502		ug/L		101	50 - 150
Hexachlorocyclopentadiene	0.0497	0.0496	J	ug/L		100	50 - 150
Indeno[1,2,3-cd]pyrene	0.0497	0.0467	J	ug/L		94	50 - 150
Isophorone	0.0994	0.119		ug/L		119	50 - 150
Lindane	0.00994	0.0105		ug/L		106	50 - 150
Malathion	0.0994	0.0912	J	ug/L		92	50 - 150
Methoxychlor	0.0497	0.0516		ug/L		104	50 - 150
Metolachlor	0.0497	0.0538		ug/L		108	50 - 150
Molinate	0.0994	0.102		ug/L		103	50 - 150
Naphthalene	0.0994	0.105		ug/L		106	50 - 150

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-200935/22-A
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Parathion	0.0994	0.0903	J	ug/L		91	50 - 150
Pendimethalin (Penoxaline)	0.0994	0.0949	J	ug/L		95	50 - 150
Phenanthrene	0.0398	0.0389	J	ug/L		98	50 - 150
Propachlor	0.0497	0.0542		ug/L		109	50 - 150
Pyrene	0.0497	0.0528		ug/L		106	50 - 150
Simazine	0.0497	0.0502		ug/L		101	50 - 150
Terbacil	0.0994	0.113		ug/L		113	50 - 150
Terbuthylazine	0.0994	0.0995		ug/L		100	50 - 150
Thiobencarb	0.0994	0.106		ug/L		107	50 - 150
trans-Nonachlor	0.0249	<0.026		ug/L		91	50 - 150
Trifluralin	0.0994	0.0945	J	ug/L		95	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*92*		*70 - 130*
Triphenylphosphate	*94*		*70 - 130*

Lab Sample ID: 380-193954-AD-1-A MS
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.099		1.98	1.98		ug/L		100	70 - 130
2,4'-DDD	<0.099		1.98	2.02		ug/L		102	70 - 130
2,4'-DDE	<0.099		1.98	2.15		ug/L		109	70 - 130
2,4'-DDT	<0.099		1.98	1.97		ug/L		99	70 - 130
2,4-Dinitrotoluene	<0.099		1.98	1.95		ug/L		99	70 - 130
2,6-Dinitrotoluene	<0.099		1.98	1.95		ug/L		98	70 - 130
2-Methylnaphthalene	<0.099		1.98	1.98		ug/L		100	70 - 130
4,4'-DDD	<0.099		1.98	2.15		ug/L		108	70 - 130
4,4'-DDE	<0.099		1.98	1.95		ug/L		98	70 - 130
4,4'-DDT	<0.099		1.98	1.96		ug/L		99	70 - 130
Acenaphthene	<0.099		1.98	1.99		ug/L		100	70 - 130
Acenaphthylene	<0.099		1.98	2.05		ug/L		103	70 - 130
Acetochlor	<0.099		1.98	2.20		ug/L		111	70 - 130
Alachlor	<0.050		1.98	2.15		ug/L		108	70 - 130
alpha-BHC	<0.099		1.98	1.97		ug/L		99	70 - 130
alpha-Chlordane	<0.050		1.98	2.06		ug/L		104	70 - 130
Anthracene	<0.020	F2	1.98	1.38		ug/L		70	70 - 130
Atrazine	<0.050		1.98	2.15		ug/L		108	70 - 130
Benz(a)anthracene	<0.050		1.98	1.81		ug/L		91	70 - 130
Benzo[a]pyrene	<0.020		1.98	1.90		ug/L		96	70 - 130
Benzo[b]fluoranthene	<0.020		1.98	2.05		ug/L		103	70 - 130
Benzo[g,h,i]perylene	<0.050		1.98	2.16		ug/L		109	70 - 130
Benzo[k]fluoranthene	<0.020		1.98	2.05		ug/L		103	70 - 130
beta-BHC	<0.099		1.98	1.99		ug/L		101	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.98	2.14		ug/L		108	70 - 130
Bromacil	<0.099		1.98	1.95		ug/L		98	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-193954-AD-1-A MS
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	<0.050		1.98	2.25		ug/L		113	70 - 130
Butylbenzylphthalate	<0.50		1.98	2.12		ug/L		107	70 - 130
Chlorobenzilate	<0.099		1.98	2.21		ug/L		111	70 - 130
Chloroneb	<0.099		1.98	2.01		ug/L		101	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.099		1.98	2.06		ug/L		104	70 - 130
Chlorpyrifos	<0.050		1.98	1.96		ug/L		99	70 - 130
Chrysene	<0.020		1.98	1.94		ug/L		98	70 - 130
delta-BHC	<0.099		1.98	1.97		ug/L		99	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.98	1.99		ug/L		100	70 - 130
Dibenz(a,h)anthracene	<0.050		1.98	2.03		ug/L		102	70 - 130
Diclorvos (DDVP)	<0.050		1.98	2.03		ug/L		102	70 - 130
Dieldrin	<0.0099		1.98	2.17		ug/L		109	70 - 130
Diethylphthalate	<0.50		1.98	2.16		ug/L		109	70 - 130
Dimethylphthalate	<0.50		1.98	2.03		ug/L		103	70 - 130
Di-n-butyl phthalate	<0.99		3.97	4.39		ug/L		111	70 - 130
Di-n-octyl phthalate	<0.099		1.98	1.88		ug/L		95	70 - 130
Endosulfan I (Alpha)	<0.099		1.98	1.93		ug/L		97	70 - 130
Endosulfan II (Beta)	<0.099		1.98	1.93		ug/L		97	70 - 130
Endosulfan sulfate	<0.099		1.98	2.15		ug/L		108	70 - 130
Endrin	<0.0099		1.98	2.21		ug/L		111	70 - 130
Endrin aldehyde	<0.099		1.98	1.89		ug/L		95	60 - 130
EPTC	<0.099		1.98	2.07		ug/L		104	70 - 130
Fluoranthene	<0.099		1.98	2.04		ug/L		103	70 - 130
Fluorene	<0.050		1.98	1.92		ug/L		97	70 - 130
gamma-Chlordane	<0.050		1.98	2.07		ug/L		105	70 - 130
Heptachlor	<0.0099		1.98	2.14		ug/L		108	70 - 130
Heptachlor epoxide (isomer B)	<0.0099		1.98	1.97		ug/L		99	70 - 130
Hexachlorobenzene	<0.050		1.98	1.92		ug/L		97	70 - 130
Hexachlorocyclopentadiene	<0.050		1.98	1.94		ug/L		98	70 - 130
Indeno[1,2,3-cd]pyrene	<0.050		1.98	2.11		ug/L		106	70 - 130
Isophorone	<0.099		1.98	1.95		ug/L		98	70 - 130
Lindane	<0.0099		1.98	2.05		ug/L		104	70 - 130
Malathion	<0.099		1.98	2.17		ug/L		109	70 - 130
Methoxychlor	<0.050		1.98	2.05		ug/L		103	70 - 130
Metolachlor	<0.050		1.98	2.16		ug/L		109	70 - 130
Molinate	<0.099		1.98	2.05		ug/L		103	70 - 130
Naphthalene	<0.099		1.98	1.95		ug/L		99	70 - 130
Parathion	<0.099		1.98	2.09		ug/L		105	70 - 130
Pendimethalin (Penoxaline)	<0.099		1.98	2.05		ug/L		103	70 - 130
Phenanthrene	<0.040		1.98	1.99		ug/L		100	70 - 130
Propachlor	<0.050		1.98	2.11		ug/L		107	70 - 130
Pyrene	<0.050		1.98	2.06		ug/L		104	70 - 130
Simazine	<0.050		1.98	2.05		ug/L		103	70 - 130
Terbacil	<0.099		1.98	2.08		ug/L		105	70 - 130
Terbuthylazine	<0.099		1.98	2.17		ug/L		109	70 - 130
Thiobencarb	<0.099		1.98	2.16		ug/L		109	70 - 130
trans-Nonachlor	<0.050		1.98	1.98		ug/L		100	70 - 130
Trifluralin	<0.099		1.98	1.97		ug/L		99	70 - 130

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-193954-AD-1-A MS
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 200935

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: 380-193954-AE-1-A MSD
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.099		1.97	1.91		ug/L		97	70 - 130	3	20
2,4'-DDD	<0.099		1.97	1.94		ug/L		99	70 - 130	4	20
2,4'-DDE	<0.099		1.97	2.06		ug/L		105	70 - 130	5	20
2,4'-DDT	<0.099		1.97	1.84		ug/L		94	70 - 130	7	20
2,4-Dinitrotoluene	<0.099		1.97	2.03		ug/L		103	70 - 130	4	20
2,6-Dinitrotoluene	<0.099		1.97	1.99		ug/L		101	70 - 130	2	20
2-Methylnaphthalene	<0.099		1.97	1.93		ug/L		98	70 - 130	3	20
4,4'-DDD	<0.099		1.97	2.08		ug/L		106	70 - 130	3	20
4,4'-DDE	<0.099		1.97	1.81		ug/L		92	70 - 130	7	20
4,4'-DDT	<0.099		1.97	1.83		ug/L		93	70 - 130	7	20
Acenaphthene	<0.099		1.97	1.94		ug/L		99	70 - 130	3	20
Acenaphthylene	<0.099		1.97	2.03		ug/L		103	70 - 130	1	20
Acetochlor	<0.099		1.97	2.15		ug/L		109	70 - 130	3	20
Alachlor	<0.050		1.97	2.16		ug/L		110	70 - 130	1	20
alpha-BHC	<0.099		1.97	1.96		ug/L		100	70 - 130	0	20
alpha-Chlordane	<0.050		1.97	2.05		ug/L		104	70 - 130	0	20
Anthracene	<0.020	F2	1.97	1.90	F2	ug/L		97	70 - 130	32	20
Atrazine	<0.050		1.97	2.14		ug/L		109	70 - 130	1	20
Benz(a)anthracene	<0.050		1.97	1.85		ug/L		94	70 - 130	2	20
Benzo[a]pyrene	<0.020		1.97	2.02		ug/L		103	70 - 130	6	20
Benzo[b]fluoranthene	<0.020		1.97	1.97		ug/L		100	70 - 130	4	20
Benzo[g,h,i]perylene	<0.050		1.97	2.02		ug/L		103	70 - 130	7	20
Benzo[k]fluoranthene	<0.020		1.97	2.00		ug/L		102	70 - 130	2	20
beta-BHC	<0.099		1.97	1.93		ug/L		98	70 - 130	3	20
Bis(2-ethylhexyl) phthalate	<0.59		1.97	1.85		ug/L		94	70 - 130	14	20
Bromacil	<0.099		1.97	2.07		ug/L		105	70 - 130	6	20
Butachlor	<0.050		1.97	2.23		ug/L		113	70 - 130	1	20
Butylbenzylphthalate	<0.50		1.97	2.07		ug/L		105	70 - 130	2	20
Chlorobenzilate	<0.099		1.97	2.18		ug/L		111	70 - 130	1	20
Chloroneb	<0.099		1.97	1.99		ug/L		101	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	<0.099		1.97	2.10		ug/L		107	70 - 130	2	20
Chlorpyrifos	<0.050		1.97	1.95		ug/L		99	70 - 130	0	20
Chrysene	<0.020		1.97	1.90		ug/L		97	70 - 130	2	20
delta-BHC	<0.099		1.97	1.94		ug/L		99	70 - 130	2	20
Di(2-ethylhexyl)adipate	<0.59		1.97	1.72		ug/L		88	70 - 130	15	20
Dibenz(a,h)anthracene	<0.050		1.97	1.82		ug/L		92	70 - 130	11	20
Diclorvos (DDVP)	<0.050		1.97	2.05		ug/L		105	70 - 130	1	20
Dieldrin	<0.0099		1.97	2.16		ug/L		110	70 - 130	0	20
Diethylphthalate	<0.50		1.97	2.11		ug/L		107	70 - 130	2	20

Method: 525.2 - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 380-193954-AE-1-A MSD
Matrix: Water
Analysis Batch: 201360

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 200935

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethylphthalate	<0.50		1.97	2.02		ug/L		103	70 - 130	1	20
Di-n-butyl phthalate	<0.99		3.93	4.37		ug/L		111	70 - 130	1	20
Di-n-octyl phthalate	<0.099		1.97	1.61		ug/L		82	70 - 130	15	20
Endosulfan I (Alpha)	<0.099		1.97	1.97		ug/L		100	70 - 130	2	20
Endosulfan II (Beta)	<0.099		1.97	1.86		ug/L		95	70 - 130	3	20
Endosulfan sulfate	<0.099		1.97	2.17		ug/L		111	70 - 130	1	20
Endrin	<0.0099		1.97	2.20		ug/L		112	70 - 130	0	20
Endrin aldehyde	<0.099		1.97	1.80		ug/L		92	60 - 130	5	20
EPTC	<0.099		1.97	2.05		ug/L		104	70 - 130	1	20
Fluoranthene	<0.099		1.97	2.00		ug/L		102	70 - 130	2	20
Fluorene	<0.050		1.97	1.89		ug/L		96	70 - 130	2	20
gamma-Chlordane	<0.050		1.97	2.02		ug/L		103	70 - 130	3	20
Heptachlor	<0.0099		1.97	2.11		ug/L		107	70 - 130	1	20
Heptachlor epoxide (isomer B)	<0.0099		1.97	1.95		ug/L		99	70 - 130	1	20
Hexachlorobenzene	<0.050		1.97	1.86		ug/L		95	70 - 130	3	20
Hexachlorocyclopentadiene	<0.050		1.97	1.92		ug/L		98	70 - 130	1	20
Indeno[1,2,3-cd]pyrene	<0.050		1.97	1.88		ug/L		96	70 - 130	11	20
Isophorone	<0.099		1.97	1.96		ug/L		100	70 - 130	0	20
Lindane	<0.0099		1.97	2.05		ug/L		104	70 - 130	0	20
Malathion	<0.099		1.97	2.17		ug/L		110	70 - 130	0	20
Methoxychlor	<0.050		1.97	2.03		ug/L		103	70 - 130	1	20
Metolachlor	<0.050		1.97	2.15		ug/L		110	70 - 130	0	20
Molinate	<0.099		1.97	2.05		ug/L		104	70 - 130	0	20
Naphthalene	<0.099		1.97	1.90		ug/L		97	70 - 130	3	20
Parathion	<0.099		1.97	2.13		ug/L		109	70 - 130	2	20
Pendimethalin (Penoxaline)	<0.099		1.97	2.04		ug/L		104	70 - 130	0	20
Phenanthrene	<0.040		1.97	1.97		ug/L		100	70 - 130	1	20
Propachlor	<0.050		1.97	2.09		ug/L		106	70 - 130	1	20
Pyrene	<0.050		1.97	2.00		ug/L		102	70 - 130	3	20
Simazine	<0.050		1.97	2.09		ug/L		107	70 - 130	2	20
Terbacil	<0.099		1.97	2.08		ug/L		106	70 - 130	0	20
Terbuthylazine	<0.099		1.97	2.15		ug/L		109	70 - 130	1	20
Thiobencarb	<0.099		1.97	2.15		ug/L		110	70 - 130	1	20
trans-Nonachlor	<0.050		1.97	1.94		ug/L		99	70 - 130	2	20
Trifluralin	<0.099		1.97	1.98		ug/L		100	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*102*		*70 - 130*

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

Lab Sample ID: MB 570-686409/1-A
Matrix: Water
Analysis Batch: 691586

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686409

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	01/23/26 19:03	02/04/26 22:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	98		33 - 139	01/23/26 19:03	02/04/26 22:10	1
2-Fluorobiphenyl (Surr)	95		33 - 126	01/23/26 19:03	02/04/26 22:10	1
2-Fluorophenol (Surr)	73		12 - 120	01/23/26 19:03	02/04/26 22:10	1
Nitrobenzene-d5 (Surr)	86		36 - 120	01/23/26 19:03	02/04/26 22:10	1
Phenol-d6 (Surr)	37		10 - 120	01/23/26 19:03	02/04/26 22:10	1
p-Terphenyl-d14 (Surr)	102		47 - 131	01/23/26 19:03	02/04/26 22:10	1

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

Lab Sample ID: MB 570-686409/1-A
Matrix: Water
Analysis Batch: 689715

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686409

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Acenaphthene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Acenaphthylene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Anthracene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Benzo[a]pyrene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Chrysene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Fluoranthene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Fluorene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Naphthalene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Phenanthrene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1
Pyrene	<0.20		0.20		ug/L		01/23/26 19:03	02/01/26 13:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		28 - 127	01/23/26 19:03	02/01/26 13:51	1
2-Fluorobiphenyl (Surr)	87		31 - 120	01/23/26 19:03	02/01/26 13:51	1
2-Fluorophenol (Surr)	59		17 - 120	01/23/26 19:03	02/01/26 13:51	1
Nitrobenzene-d5 (Surr)	89		27 - 120	01/23/26 19:03	02/01/26 13:51	1
Phenol-d6 (Surr)	37		10 - 120	01/23/26 19:03	02/01/26 13:51	1
p-Terphenyl-d14 (Surr)	82		45 - 120	01/23/26 19:03	02/01/26 13:51	1

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

Lab Sample ID: LCS 570-686409/2-A
Matrix: Water
Analysis Batch: 689715

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	21.2		ug/L		106	47 - 120
2-Methylnaphthalene	20.0	20.4		ug/L		102	43 - 120
Acenaphthene	20.0	20.2		ug/L		101	60 - 132
Acenaphthylene	20.0	19.6		ug/L		98	54 - 126
Anthracene	20.0	20.5		ug/L		102	43 - 120
Benzo[a]anthracene	20.0	21.6		ug/L		108	42 - 133
Benzo[a]pyrene	20.0	21.1		ug/L		105	32 - 148
Benzo[b]fluoranthene	20.0	21.4		ug/L		107	42 - 140
Benzo[g,h,i]perylene	20.0	20.4		ug/L		102	1 - 195
Benzo[k]fluoranthene	20.0	20.6		ug/L		103	25 - 146
Chrysene	20.0	21.2		ug/L		106	44 - 140
Dibenz(a,h)anthracene	20.0	21.5		ug/L		107	1 - 200
Fluoranthene	20.0	20.8		ug/L		104	43 - 121
Fluorene	20.0	19.6		ug/L		98	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	21.7		ug/L		108	1 - 151
Naphthalene	20.0	20.7		ug/L		103	36 - 120
Phenanthrene	20.0	21.0		ug/L		105	65 - 120
Pyrene	20.0	22.7		ug/L		113	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*28 - 127*
2-Fluorobiphenyl (Surr)	*88*		*31 - 120*
2-Fluorophenol (Surr)	*69*		*17 - 120*
Nitrobenzene-d5 (Surr)	*96*		*27 - 120*
Phenol-d6 (Surr)	*44*		*10 - 120*
p-Terphenyl-d14 (Surr)	*99*		*45 - 120*

Lab Sample ID: LCSD 570-686409/3-A
Matrix: Water
Analysis Batch: 689715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 686409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	18.8		ug/L		94	47 - 120	12	20
2-Methylnaphthalene	20.0	18.3		ug/L		91	43 - 120	11	20
Acenaphthene	20.0	18.4		ug/L		92	60 - 132	9	29
Acenaphthylene	20.0	17.8		ug/L		89	54 - 126	10	45
Anthracene	20.0	19.5		ug/L		97	43 - 120	5	40
Benzo[a]anthracene	20.0	20.2		ug/L		101	42 - 133	7	32
Benzo[a]pyrene	20.0	20.0		ug/L		100	32 - 148	5	43
Benzo[b]fluoranthene	20.0	19.7		ug/L		99	42 - 140	8	43
Benzo[g,h,i]perylene	20.0	19.1		ug/L		96	1 - 195	7	61
Benzo[k]fluoranthene	20.0	19.5		ug/L		97	25 - 146	6	38
Chrysene	20.0	19.9		ug/L		100	44 - 140	6	53
Dibenz(a,h)anthracene	20.0	20.4		ug/L		102	1 - 200	5	75
Fluoranthene	20.0	20.4		ug/L		102	43 - 121	2	40
Fluorene	20.0	18.5		ug/L		93	70 - 120	6	23
Indeno[1,2,3-cd]pyrene	20.0	20.2		ug/L		101	1 - 151	7	60
Naphthalene	20.0	17.7		ug/L		89	36 - 120	15	39

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

Lab Sample ID: LCSD 570-686409/3-A
Matrix: Water
Analysis Batch: 689715

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 686409

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	19.6		ug/L		98	65 - 120	7	24
Pyrene			20.0	20.8		ug/L		104	70 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*58*		*17 120*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*
Phenol-d6 (Surr)	*38*		*10 - 120*
p-Terphenyl-d14 (Surr)	*91*		*45 - 120*

Lab Sample ID: 570-264273-D-1-A MS
Matrix: Water
Analysis Batch: 690589

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 686409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		20.0	21.8		ug/L		109	36 - 120
2-Methylnaphthalene	<0.20		20.0	21.5		ug/L		107	32 - 124
Acenaphthene	<0.20		20.0	19.8		ug/L		99	47 - 145
Acenaphthylene	<0.20		20.0	20.2		ug/L		101	33 - 145
Anthracene	<0.20		20.0	21.0		ug/L		105	27 - 133
Benzo[a]anthracene	<0.20		20.0	22.0		ug/L		110	33 - 143
Benzo[a]pyrene	0.20		20.0	20.3		ug/L		101	17 - 163
Benzo[b]fluoranthene	<0.20		20.0	21.1		ug/L		105	24 - 159
Benzo[g,h,i]perylene	0.34		20.0	19.2		ug/L		95	1 - 219
Benzo[k]fluoranthene	<0.20		20.0	20.3		ug/L		101	11 - 162
Chrysene	<0.20		20.0	20.4		ug/L		102	17 - 168
Dibenz(a,h)anthracene	0.28		20.0	20.6		ug/L		102	1 - 227
Fluoranthene	<0.20		20.0	22.0		ug/L		110	26 - 137
Fluorene	<0.20		20.0	20.3		ug/L		102	59 - 121
Indeno[1,2,3-cd]pyrene	0.36		20.0	21.7		ug/L		107	1 - 171
Naphthalene	<0.20		20.0	19.7		ug/L		99	21 - 133
Phenanthrene	<0.20		20.0	20.4		ug/L		102	54 - 120
Pyrene	<0.20		20.0	21.3		ug/L		107	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*102*		*28 - 127*
2-Fluorobiphenyl (Surr)	*91*		*31 - 120*
2-Fluorophenol (Surr)	*68*		*17 - 120*
Nitrobenzene-d5 (Surr)	*101*		*27 - 120*
Phenol-d6 (Surr)	*44*		*10 - 120*
p-Terphenyl-d14 (Surr)	*93*		*45 - 120*

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

Lab Sample ID: 570-264273-F-1-A MSD
Matrix: Water
Analysis Batch: 690589

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 686409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		19.9	18.6		ug/L		94	36 - 120	15	30
2-Methylnaphthalene	<0.20		19.9	18.8		ug/L		94	32 - 124	13	30
Acenaphthene	<0.20		19.9	16.9		ug/L		85	47 - 145	16	48
Acenaphthylene	<0.20		19.9	16.9		ug/L		85	33 - 145	18	74
Anthracene	<0.20		19.9	17.5		ug/L		88	27 - 133	18	66
Benzo[a]anthracene	<0.20		19.9	18.0		ug/L		91	33 - 143	20	53
Benzo[a]pyrene	0.20		19.9	15.4		ug/L		76	17 - 163	28	72
Benzo[b]fluoranthene	<0.20		19.9	16.5		ug/L		82	24 - 159	24	71
Benzo[g,h,i]perylene	0.34		19.9	15.4		ug/L		76	1 - 219	22	97
Benzo[k]fluoranthene	<0.20		19.9	15.6		ug/L		78	11 - 162	26	63
Chrysene	<0.20		19.9	16.6		ug/L		83	17 - 168	21	87
Dibenz(a,h)anthracene	0.28		19.9	16.7		ug/L		83	1 - 227	21	126
Fluoranthene	<0.20		19.9	17.4		ug/L		87	26 - 137	24	66
Fluorene	<0.20		19.9	17.0		ug/L		86	59 - 121	18	38
Indeno[1,2,3-cd]pyrene	0.36		19.9	17.5		ug/L		86	1 - 171	22	99
Naphthalene	<0.20		19.9	17.5		ug/L		88	21 - 133	12	65
Phenanthrene	<0.20		19.9	16.9		ug/L		85	54 - 120	19	39
Pyrene	<0.20		19.9	18.1		ug/L		91	52 - 120	16	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*28 - 127*
2-Fluorobiphenyl (Surr)	*77*		*31 - 120*
2-Fluorophenol (Surr)	*60*		*17 - 120*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*79*		*45 - 120*

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

Lab Sample ID: MB 570-687650/5
Matrix: Water
Analysis Batch: 687650

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			01/27/26 14:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*38 - 134*		*01/27/26 14:47*	*1*

Lab Sample ID: LCS 570-687650/3
Matrix: Water
Analysis Batch: 687650

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	413		ug/L		103	78 - 120		

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

Lab Sample ID: LCS 570-687650/3
Matrix: Water
Analysis Batch: 687650

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*38 - 134*

Lab Sample ID: LCSD 570-687650/4
Matrix: Water
Analysis Batch: 687650

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	432		ug/L		108	78 - 120	4	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*

Lab Sample ID: MRL 570-687650/6
Matrix: Water
Analysis Batch: 687650

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	<7.9		ug/L		68	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*38 - 134*

Lab Sample ID: 380-193582-X-1 MS
Matrix: Water
Analysis Batch: 687650

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	383		ug/L		96	68 - 122		

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

Lab Sample ID: 380-193582-Y-1 MSD
Matrix: Water
Analysis Batch: 687650

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	407		ug/L		102	68 - 122	6	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*

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

Lab Sample ID: MB 570-688658/5
Matrix: Water
Analysis Batch: 688658

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			01/29/26 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*01/29/26 11:57*	*1*

Lab Sample ID: LCS 570-688658/3
Matrix: Water
Analysis Batch: 688658

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	421		ug/L		105	78 - 120		

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

Lab Sample ID: LCSD 570-688658/4
Matrix: Water
Analysis Batch: 688658

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	440		ug/L		110	78 - 120	4	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*

Lab Sample ID: MRL 570-688658/6
Matrix: Water
Analysis Batch: 688658

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	<7.9		ug/L		65	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*

Lab Sample ID: 380-193954-C-1 MS
Matrix: Water
Analysis Batch: 688658

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	421		ug/L		105	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*

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

Lab Sample ID: 380-193954-E-1 MSD
Matrix: Water
Analysis Batch: 688658

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	433		ug/L		108	68 - 122	3	18

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

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

Lab Sample ID: MB 570-686737/1-A
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 686737

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		01/25/26 10:37	01/28/26 15:05	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		01/25/26 10:37	01/28/26 15:05	1
C8-C18	<25		25		ug/L		01/25/26 10:37	01/28/26 15:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*117*		*60 - 130*	*01/25/26 10:37*	*01/28/26 15:05*	*1*

Lab Sample ID: LCS 570-686737/2-A
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686737

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1030		ug/L		64	56 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*60 - 130*

Lab Sample ID: LCSD 570-686737/3-A
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 686737

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1120		ug/L		70	56 - 127	8	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*102*		*60 - 130*

Lab Sample ID: MRL 570-686737/4-A
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686737

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0281		mg/L		141	50 - 150		

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

Lab Sample ID: MRL 570-686737/4-A
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 686737

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

Lab Sample ID: 380-194233-C-1-A MS
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 686737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1630	1430		ug/L		88	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	*120*		*60 - 130*

Lab Sample ID: 380-194233-D-1-A MSD
Matrix: Water
Analysis Batch: 688261

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 686737

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1630	1370		ug/L		84	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	*115*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 200935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	525.2	
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	525.2	
MB 380-200935/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-200935/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-200935/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-193954-AD-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-193954-AE-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	

Analysis Batch: 201360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	525.2	200935
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	525.2	200935
MB 380-200935/21-A	Method Blank	Total/NA	Water	525.2	200935
LCS 380-200935/23-A	Lab Control Sample	Total/NA	Water	525.2	200935
MRL 380-200935/22-A	Lab Control Sample	Total/NA	Water	525.2	200935
380-193954-AD-1-A MS	Matrix Spike	Total/NA	Water	525.2	200935
380-193954-AE-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	200935

Prep Batch: 686409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	625.1	
380-193863-3 - RA	AIEA GULCH PUMP 2	Total/NA	Water	625.1	
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	625.1	
MB 570-686409/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-686409/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-686409/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
570-264273-D-1-A MS	Matrix Spike	Total/NA	Water	625.1	
570-264273-F-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 689715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-686409/1-A	Method Blank	Total/NA	Water	625.1 SIM	686409
LCS 570-686409/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	686409
LCSD 570-686409/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	686409

Analysis Batch: 690589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	625.1 SIM	686409
570-264273-D-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	686409
570-264273-F-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	686409

Analysis Batch: 691132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-3 - RA	AIEA GULCH PUMP 2	Total/NA	Water	625.1 SIM	686409

Analysis Batch: 691224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	625.1	686409
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	625.1	686409

GC/MS Semi VOA

Analysis Batch: 691586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-686409/1-A	Method Blank	Total/NA	Water	625.1	686409

GC VOA

Analysis Batch: 687650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	8015B GRO LL	
380-193863-2	TB: AIEA GULCH PUMP 1	Total/NA	Water	8015B GRO LL	
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	8015B GRO LL	
MB 570-687650/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-687650/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-687650/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-687650/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-193582-X-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-193582-Y-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

Analysis Batch: 688658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-4	TB: AIEA GULCH PUMP 2	Total/NA	Water	8015B GRO LL	
MB 570-688658/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-688658/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-688658/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-688658/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-193954-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-193954-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 686737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	3510C	
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	3510C	
MB 570-686737/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-686737/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-686737/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-686737/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-194233-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-194233-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 688261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-193863-1	AIEA GULCH PUMP 1	Total/NA	Water	8015B	686737
380-193863-3	AIEA GULCH PUMP 2	Total/NA	Water	8015B	686737
MB 570-686737/1-A	Method Blank	Total/NA	Water	8015B	686737
LCS 570-686737/2-A	Lab Control Sample	Total/NA	Water	8015B	686737
LCSD 570-686737/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	686737
MRL 570-686737/4-A	Lab Control Sample	Total/NA	Water	8015B	686737
380-194233-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	686737
380-194233-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	686737

Lab Chronicle

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Client Sample ID: AIEA GULCH PUMP 1
Lab Sample ID: 380-193863-1
Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			200935	OTM3	EA POM	01/26/26 08:10
Total/NA	Analysis	525.2		1	201360	Q8LA	EA POM	01/27/26 19:10
Total/NA	Prep	625.1			686409	S4EA	EET CAL 4	01/24/26 09:00
Total/NA	Analysis	625.1		1	691224	PQS1	EET CAL 4	02/04/26 16:14
Total/NA	Prep	625.1			686409	S4EA	EET CAL 4	01/24/26 09:00
Total/NA	Analysis	625.1 SIM		1	690589	PQS1	EET CAL 4	02/03/26 17:10
Total/NA	Analysis	8015B GRO LL		1	687650	A9VE	EET CAL 4	01/27/26 20:45
Total/NA	Prep	3510C			686737	TVD6	EET CAL 4	01/25/26 10:38
Total/NA	Analysis	8015B		1	688261	NR	EET CAL 4	01/28/26 19:23

Client Sample ID: TB: AIEA GULCH PUMP 1
Lab Sample ID: 380-193863-2
Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	687650	A9VE	EET CAL 4	01/28/26 02:10

Client Sample ID: AIEA GULCH PUMP 2
Lab Sample ID: 380-193863-3
Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			200935	OTM3	EA POM	01/26/26 08:10
Total/NA	Analysis	525.2		1	201360	Q8LA	EA POM	01/27/26 19:30
Total/NA	Prep	625.1			686409	S4EA	EET CAL 4	01/24/26 09:00
Total/NA	Analysis	625.1		1	691224	PQS1	EET CAL 4	02/04/26 16:38
Total/NA	Prep	625.1	RA		686409	S4EA	EET CAL 4	01/24/26 09:00
Total/NA	Analysis	625.1 SIM	RA	1	691132	PQS1	EET CAL 4	02/04/26 11:57
Total/NA	Analysis	8015B GRO LL		1	687650	A9VE	EET CAL 4	01/27/26 22:30
Total/NA	Prep	3510C			686737	TVD6	EET CAL 4	01/25/26 10:38
Total/NA	Analysis	8015B		1	688261	NR	EET CAL 4	01/28/26 19:45

Client Sample ID: TB: AIEA GULCH PUMP 2
Lab Sample ID: 380-193863-4
Date Collected: 01/21/26 09:00
Matrix: Water
Date Received: 01/22/26 09:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	688658	A9VE	EET CAL 4	01/29/26 17:25

Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

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: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Laboratory: Eurofins Pomona

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Hawaii	State	CA00006	01-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
525.2	525.2	Water	1-Methylnaphthalene
525.2	525.2	Water	2,4'-DDD
525.2	525.2	Water	2,4'-DDE
525.2	525.2	Water	2,4'-DDT
525.2	525.2	Water	2,4-Dinitrotoluene
525.2	525.2	Water	2,6-Dinitrotoluene
525.2	525.2	Water	2-Methylnaphthalene
525.2	525.2	Water	4,4'-DDD
525.2	525.2	Water	4,4'-DDE
525 2	525 2	Water	4,4' DDT
525.2	525.2	Water	Acetochlor
525.2	525.2	Water	alpha-BHC
525.2	525.2	Water	alpha-Chlordane
525.2	525.2	Water	beta-BHC
525.2	525.2	Water	Chlorobenzilate
525.2	525.2	Water	Chloroneb
525.2	525.2	Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Water	Chlorpyrifos
525.2	525.2	Water	delta-BHC
525.2	525.2	Water	Diclorvos (DDVP)
525.2	525.2	Water	Endosulfan I (Alpha)
525.2	525.2	Water	Endosulfan II (Beta)
525.2	525.2	Water	Endosulfan sulfate
525.2	525.2	Water	Endrin aldehyde
525.2	525.2	Water	EPTC
525.2	525.2	Water	gamma-Chlordane
525.2	525.2	Water	Isophorone
525.2	525.2	Water	Malathion
525.2	525.2	Water	Parathion
525.2	525.2	Water	Pendimethalin (Penoxaline)
525.2	525.2	Water	Terbacil
525.2	525.2	Water	Terbuthylazine
525.2	525.2	Water	Total Permethrin (mixed isomers)
525.2	525.2	Water	trans-Nonachlor

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	03-02-26
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26

Accreditation/Certification Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Laboratory: Eurofins Calscience (Continued)

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	10-11-26

Method Summary

Client: City & County of Honolulu
Project/Site: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Method	Method Description	Protocol	Laboratory
525.2	Semivolatile Organic Compounds (GC/MS)	EPA	EA POM
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
525.2	Extraction of Semivolatile Compounds	EPA	EA POM
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:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100
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: RED-HILL

Job ID: 380-193863-1
SDG: Weekly: Aiea Gulch Pump 1/Pump 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-193863-1	AIEA GULCH PUMP 1	Water	01/21/26 09:00	01/22/26 09:55	Hawaii
380-193863-2	TB: AIEA GULCH PUMP 1	Water	01/21/26 09:00	01/22/26 09:55	Hawaii
380-193863-3	AIEA GULCH PUMP 2	Water	01/21/26 09:00	01/22/26 09:55	Hawaii
380-193863-4	TB: AIEA GULCH PUMP 2	Water	01/21/26 09:00	01/22/26 09:55	Hawaii

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Kai Edison	Lab PM: Arada, Rachelle	Carrier Tracking No(s):	COC No: 380-28005-2757 1
Client Contact: Kirk Iwamoto	Phone: +1 808 748 5840	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: City & County of Honolulu	PWSID:			Job #:
Address: 630 South Beretania Street Chemistry Lab	Due Date Requested:			
City: Honolulu	TAT Requested (days):			
State, Zip: HI, 96843	Compliance Project: Δ Yes Δ No			
Phone: 808-748-5840 (Tel)	PO #: C20525101 exp 05312023			
Email: kiwamoto@hbws.org	WO #:			
Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill	Project #: 38001111			
Site: Hawaii	SSOW#:			

Analysis Requested

Preservation Codes:
R - NaThioSO4
RA - NaThio/HCl
Q - Na2SO3
QA - Na2SO3/HCl
Y - Trizma
I - NH4 Acetate
Other:

380-193863 COC

Sample Identification	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)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	537 1_DW_PREC - 537 1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA	Y	I		
Aiea Gulch Pump 1	21-Jan-2026	9:00	G	Water			2	3	2	2				
Aiea Gulch Pump 1 (Matrix Spike)														
Aiea Gulch Pump 1 (Matrix Spike Duplicate)														
TB. Aiea Gulch Pump 1	21-Jan-2026	9:00	G	Water				2						
Aiea Gulch Pump 2	21-Jan-2026	9:80	G	Water			2	3	2	2				
Aiea Gulch Pump 2 (Matrix Spike)														
Aiea Gulch Pump 2 (Matrix Spike Duplicate)														
TB. Aiea Gulch Pump 2	21-Jan-2026	9:00	G	Water				2						

Possible Hazard Identification
☐ 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 ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time	Method of Shipment: FED: 8861 0123 3176
Relinquished by: [redacted]	Date/Time: 1/21/26 12:00	Company: HBWS	Received by: [signature] Date/Time: 1/22/26 455 Company: FEDEX
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 751A 5.0 15.0 gel frozen

Ver: 04/02/2024

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

Chain of Custody Record

eurofins | Loc: 380
193863

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-297410.1
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 #: 380-193863-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 2/4/2026	Analysis Requested		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: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

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)	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	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AIEA GULCH PUMP 1 (380-193863-1)	1/21/26	09:00 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH PUMP 1 (380-193863-2)	1/21/26	09:00 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.
AIEA GULCH PUMP 2 (380-193863-3)	1/21/26	09:00 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH PUMP 2 (380-193863-4)	1/21/26	09:00 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-193863 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Montana Makkurutia	1/22/26 1550	ET AP	[signature]	1/22/26 1550	WP
[signature]	1/22/26 1700	WP	[signature]	1/22/26 17:00	FCE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.4/1.5 IR-5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-193863-1
SDG Number: Weekly: Aiea Gulch Pump 1/Pump 2

Login Number: 193863
List Number: 1
Creator: Edrosa, Rey

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: 380-193863-1
SDG Number: Weekly: Aiea Gulch Pump 1/Pump 2

Login Number: 193863
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 01/22/26 06:28 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	1.5
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	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	