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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Erwin Kawata
City & County of Honolulu
630 South Beretania Street
Public Service Bldg. Room 310
Honolulu, Hawaii 96843

Generated 1/29/2026 11:28:25 PM

JOB DESCRIPTION

RED-HILL
Weekly: Moanalua Well P1
RUSH Weekly Red Hill

JOB NUMBER

380-192683-1

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
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.

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

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
380-192683-1

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 1/15/2026 9:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C.

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
Method 8015B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (380-192922-A-1-B MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

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: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)

Lab Sample ID: 380-192683-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.018		0.0098		ug/L	1		525.2	Total/NA

Client Sample ID: TB:MOANALUA WELLS P1(331-223-TP202)

Lab Sample ID: 380-192683-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)
Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192683-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2,4'-DDD	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2,4'-DDE	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2,4'-DDT	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
2-Methylnaphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
4,4'-DDD	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
4,4'-DDE	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
4,4'-DDT	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Acenaphthene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Acenaphthylene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Acetochlor	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Alachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
alpha-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
alpha-Chlordane	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Anthracene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 16:59	1
Atrazine	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Benz(a)anthracene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Benzo[a]pyrene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 16:59	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 16:59	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 16:59	1
beta-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		01/19/26 14:33	01/20/26 16:59	1
Bromacil	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Butachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Butylbenzylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 16:59	1
Chlorobenzilate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Chloroneb	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Chlorpyrifos	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Chrysene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 16:59	1
delta-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		01/19/26 14:33	01/20/26 16:59	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Dieldrin	**0.018**		0.0098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Diethylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 16:59	1
Dimethylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 16:59	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		01/19/26 14:33	01/20/26 16:59	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Endosulfan sulfate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Endrin	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Endrin aldehyde	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
EPTC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Fluoranthene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)
Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192683-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
gamma-Chlordane	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Heptachlor	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Hexachlorobenzene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Isophorone	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Lindane	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Malathion	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Methoxychlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Metolachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Molinate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Naphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Parathion	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Phenanthrene	<0.039		0.039		ug/L		01/19/26 14:33	01/20/26 16:59	1
Propachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Pyrene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Simazine	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Terbacil	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Terbuthylazine	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Thiobencarb	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		01/19/26 14:33	01/20/26 16:59	1
trans-Nonachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 16:59	1
Trifluralin	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 16:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*01/19/26 14:33*	*01/20/26 16:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*102*		*70 - 130*	*01/19/26 14:33*	*01/20/26 16:59*	*1*
Perylene-d12	*93*		*70 - 130*	*01/19/26 14:33*	*01/20/26 16:59*	*1*
Triphenylphosphate	*96*		*70 - 130*	*01/19/26 14:33*	*01/20/26 16:59*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
2-Methylnaphthalene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Acenaphthene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Acenaphthylene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Anthracene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Benzo[a]anthracene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Benzo[a]pyrene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Chrysene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Fluoranthene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)

Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192683-1

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Naphthalene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Phenanthrene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1
Pyrene	<0.19		0.19		ug/L		01/20/26 06:00	01/28/26 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*	*01/20/26 06:00*	*01/28/26 14:50*	*1*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*	*01/20/26 06:00*	*01/28/26 14:50*	*1*
2-Fluorophenol (Surr)	*42*		*17 - 120*	*01/20/26 06:00*	*01/28/26 14:50*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*01/20/26 06:00*	*01/28/26 14:50*	*1*
Phenol-d6 (Surr)	*26*		*10 - 120*	*01/20/26 06:00*	*01/28/26 14:50*	*1*
p-Terphenyl-d14 (Surr)	*70*		*45 - 120*	*01/20/26 06:00*	*01/28/26 14:50*	*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*	*01/20/26 06:00*	*01/29/26 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*33 - 139*	*01/20/26 06:00*	*01/29/26 18:08*	*1*
2-Fluorobiphenyl (Surr)	*67*		*33 - 126*	*01/20/26 06:00*	*01/29/26 18:08*	*1*
2-Fluorophenol (Surr)	*48*		*12 - 120*	*01/20/26 06:00*	*01/29/26 18:08*	*1*
Nitrobenzene-d5 (Surr)	*74*		*36 - 120*	*01/20/26 06:00*	*01/29/26 18:08*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*01/20/26 06:00*	*01/29/26 18:08*	*1*
p-Terphenyl-d14 (Surr)	*81*		*47 - 131*	*01/20/26 06:00*	*01/29/26 18:08*	*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			01/17/26 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*		*01/17/26 15:14*	*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		01/19/26 10:30	01/25/26 00:20	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		01/19/26 10:30	01/25/26 00:20	1
C8-C18	<26		26		ug/L		01/19/26 10:30	01/25/26 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 130*	*01/19/26 10:30*	*01/25/26 00:20*	*1*

Client Sample ID: TB:MOANALUA WELLS P1(331-223-TP202)

Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192683-2

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			01/17/26 18:20	1

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: TB:MOANALUA WELLS P1(331-223-TP202)
Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Lab Sample ID: 380-192683-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*		*01/17/26 18:20*	*1*

Action Limit Summary

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)

Lab Sample ID: 380-192683-1

PWSID Number: HI0000331

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	<0.049		ug/L	2	0.049	525.2	Total/NA
Atrazine	<0.049		ug/L	3	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L	6	0.59	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L	400	0.59	525.2	Total/NA
Endrin	<0.0098		ug/L	2	0.0098	525.2	Total/NA
Heptachlor	<0.0098		ug/L	0.4	0.0098	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L	1	0.049	525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L	50	0.049	525.2	Total/NA
Lindane	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Methoxychlor	<0.049		ug/L	40	0.049	525.2	Total/NA
Simazine	<0.049		ug/L	4	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

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

Matrix: Drinking 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)
380-192683-1	MOANALUA WELLS P1 (331-223-T	102	93	96

Surrogate Legend

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

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)
380-192710-U-1-A MS	Matrix Spike	101	98	101
380-192710-V-1-A MSD	Matrix Spike Duplicate	101	97	103
LCS 380-199062/23-A	Lab Control Sample	98	99	100
MB 380-199062/21-A	Method Blank	100	93	97
MRL 380-199062/22-A	Lab Control Sample	101	94	97

Surrogate Legend

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

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

Matrix: Drinking 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)
380-192683-1	MOANALUA WELLS P1 (331-223-T	75	67	48	74	27	81

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: Drinking 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)
380-192683-1	MOANALUA WELLS P1 (331-223-T	78	69	42	70	26	70

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)
380-192972-A-1-A MS	Matrix Spike	80	75	51	74	34	76
380-192972-A-1-B MSD	Matrix Spike Duplicate	86	80	54	80	36	82
LCS 570-684318/2-A	Lab Control Sample	91	85	59	87	40	92
LCSD 570-684318/3-A	Lab Control Sample Dup	93	89	63	90	43	92
MB 570-684318/1-A	Method Blank	102	87	57	89	37	84

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
380-192683-1	MOANALUA WELLS P1 (331-223-T	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
380-192683-2	TB:MOANALUA WELLS P1(331-22:	98
380-192922-C-1 MS	Matrix Spike	92
380-192922-C-1 MSD	Matrix Spike Duplicate	96
LCS 570-683659/3	Lab Control Sample	87
LCSD 570-683659/4	Lab Control Sample Dup	98
MB 570-683659/5	Method Blank	93
MRL 570-683659/6	Lab Control Sample	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-130)
380-192683-1	MOANALUA WELLS P1 (331-223-T	114

Surrogate Legend

Surrogate Summary

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

OTCSN = n-Octacosane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)							
380-192922-A-1-A MS	Matrix Spike	120							
380-192922-A-1-B MSD	Matrix Spike Duplicate	133 S1+							
LCS 570-684016/2-A	Lab Control Sample	124							
LCSD 570-684016/3-A	Lab Control Sample Dup	130							
MB 570-684016/1-A	Method Blank	123							
MRL 570-684016/4-A	Lab Control Sample	122							

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

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

Lab Sample ID: MB 380-199062/21-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199062

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2,4'-DDD	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2,4'-DDE	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2,4'-DDT	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
2-Methylnaphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
4,4'-DDD	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
4,4'-DDE	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
4,4'-DDT	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Acenaphthene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Acenaphthylene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Acetochlor	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Alachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
alpha-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
alpha-Chlordane	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Anthracene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 13:47	1
Atrazine	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Benz(a)anthracene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Benzo[a]pyrene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 13:47	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 13:47	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 13:47	1
beta-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		01/19/26 14:33	01/20/26 13:47	1
Bromacil	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Butachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Butylbenzylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 13:47	1
Chlorobenzilate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Chloroneb	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Chlorpyrifos	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Chrysene	<0.020		0.020		ug/L		01/19/26 14:33	01/20/26 13:47	1
delta-BHC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		01/19/26 14:33	01/20/26 13:47	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Dieldrin	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Diethylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 13:47	1
Dimethylphthalate	<0.49		0.49		ug/L		01/19/26 14:33	01/20/26 13:47	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		01/19/26 14:33	01/20/26 13:47	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Endosulfan sulfate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Endrin	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Endrin aldehyde	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
EPTC	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1

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

Lab Sample ID: MB 380-199062/21-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 199062

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Fluorene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
gamma-Chlordane	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Heptachlor	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Hexachlorobenzene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Isophorone	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Lindane	<0.0098		0.0098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Malathion	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Methoxychlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Metolachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Molinate	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Naphthalene	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Parathion	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Phenanthrene	<0.039		0.039		ug/L		01/19/26 14:33	01/20/26 13:47	1
Propachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Pyrene	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Simazine	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Terbacil	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Terbuthylazine	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Thiobencarb	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		01/19/26 14:33	01/20/26 13:47	1
trans-Nonachlor	<0.049		0.049		ug/L		01/19/26 14:33	01/20/26 13:47	1
Trifluralin	<0.098		0.098		ug/L		01/19/26 14:33	01/20/26 13:47	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclopentene, 1,2,3,4,5-pentamethyl-	*0.881*	*T J N*	*ug/L*		*2.64*	*1000154-28-6*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
Heptadecane, 7-methyl-	*0.730*	*T J N*	*ug/L*		*3.10*	*20959-33-5*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
Undecane	*3.02*	*T J N*	*ug/L*		*3.23*	*1120-21-4*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
Unknown	*0.718*	*T J*	*ug/L*		*3.99*	*N/A*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
9-Octadecenamide, (Z)-	*1.11*	*T J N*	*ug/L*		*8.09*	*301-02-0*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
13-Docosenamide, (Z)-	*0.732*	*T J N*	*ug/L*		*10.69*	*112-84-5*	*01/19/26 14:33*	*01/20/26 13:47*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
Perylene-d12	*93*		*70 - 130*	*01/19/26 14:33*	*01/20/26 13:47*	*1*
Triphenylphosphate	*97*		*70 - 130*	*01/19/26 14:33*	*01/20/26 13:47*	*1*

Lab Sample ID: LCS 380-199062/23-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	1.98		ug/L		101	70 - 130		

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

Lab Sample ID: LCS 380-199062/23-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	1.97	2.04		ug/L		104	70 - 130
2,4'-DDE	1.97	2.01		ug/L		102	70 - 130
2,4'-DDT	1.97	2.12		ug/L		108	70 - 130
2,4-Dinitrotoluene	1.97	1.83		ug/L		93	70 - 130
2,6-Dinitrotoluene	1.97	1.74		ug/L		88	70 - 130
2-Methylnaphthalene	1.97	2.01		ug/L		102	70 - 130
4,4'-DDD	1.97	2.15		ug/L		109	70 - 130
4,4'-DDE	1.97	1.84		ug/L		94	70 - 130
4,4'-DDT	1.97	2.09		ug/L		106	70 - 130
Acenaphthene	1.97	1.99		ug/L		101	70 - 130
Acenaphthylene	1.97	1.82		ug/L		93	70 - 130
Acetochlor	1.97	1.98		ug/L		101	70 - 130
Alachlor	1.97	1.97		ug/L		100	70 - 130
alpha-BHC	1.97	1.93		ug/L		98	70 - 130
alpha-Chlordane	1.97	1.98		ug/L		101	70 - 130
Anthracene	1.97	2.21		ug/L		113	70 - 130
Atrazine	1.97	2.16		ug/L		110	70 - 130
Benz(a)anthracene	1.97	2.04		ug/L		104	70 - 130
Benzo[a]pyrene	1.97	2.24		ug/L		114	70 - 130
Benzo[b]fluoranthene	1.97	2.07		ug/L		105	70 - 130
Benzo[g,h,i]perylene	1.97	2.10		ug/L		107	70 - 130
Benzo[k]fluoranthene	1.97	2.01		ug/L		102	70 - 130
beta-BHC	1.97	2.05		ug/L		104	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	2.04		ug/L		104	70 - 130
Bromacil	1.97	1.76		ug/L		90	70 - 130
Butachlor	1.97	2.11		ug/L		107	70 - 130
Butylbenzylphthalate	1.97	2.17		ug/L		110	70 - 130
Chlorobenzilate	1.97	2.27		ug/L		115	70 - 130
Chloroneb	1.97	1.96		ug/L		100	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.12		ug/L		108	70 - 130
Chlorpyrifos	1.97	2.04		ug/L		104	70 - 130
Chrysene	1.97	1.94		ug/L		98	70 - 130
delta-BHC	1.97	1.96		ug/L		100	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.47		ug/L		126	70 - 130
Dibenz(a,h)anthracene	1.97	2.25		ug/L		115	70 - 130
Diclorvos (DDVP)	1.97	2.06		ug/L		105	70 - 130
Dieldrin	1.97	2.05		ug/L		104	70 - 130
Diethylphthalate	1.97	1.99		ug/L		101	70 - 130
Dimethylphthalate	1.97	1.85		ug/L		94	70 - 130
Di-n-butyl phthalate	3.93	4.03		ug/L		102	70 - 130
Di-n-octyl phthalate	1.97	2.11		ug/L		108	70 - 130
Endosulfan I (Alpha)	1.97	2.05		ug/L		104	70 - 130
Endosulfan II (Beta)	1.97	2.03		ug/L		103	70 - 130
Endosulfan sulfate	1.97	2.17		ug/L		110	70 - 130
Endrin	1.97	2.23		ug/L		114	70 - 130
Endrin aldehyde	1.97	1.77		ug/L		90	60 - 130
EPTC	1.97	1.96		ug/L		100	70 - 130
Fluoranthene	1.97	2.24		ug/L		114	70 - 130
Fluorene	1.97	1.87		ug/L		95	70 - 130

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

Lab Sample ID: LCS 380-199062/23-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
gamma-Chlordane	1.97	1.93		ug/L		98	70 - 130
Heptachlor	1.97	1.87		ug/L		95	70 - 130
Heptachlor epoxide (isomer B)	1.97	1.65		ug/L		84	70 - 130
Hexachlorobenzene	1.97	1.79		ug/L		91	70 - 130
Hexachlorocyclopentadiene	1.97	1.96		ug/L		100	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.28		ug/L		116	70 - 130
Isophorone	1.97	1.98		ug/L		101	70 - 130
Lindane	1.97	2.02		ug/L		103	70 - 130
Malathion	1.97	2.17		ug/L		111	70 - 130
Methoxychlor	1.97	2.04		ug/L		104	70 - 130
Metolachlor	1.97	1.98		ug/L		101	70 - 130
Molinate	1.97	2.08		ug/L		106	70 - 130
Naphthalene	1.97	1.78		ug/L		90	70 - 130
Parathion	1.97	2.34		ug/L		119	70 - 130
Pendimethalin (Penoxaline)	1.97	2.06		ug/L		105	70 - 130
Phenanthrene	1.97	1.93		ug/L		98	70 - 130
Propachlor	1.97	2.17		ug/L		110	70 - 130
Pyrene	1.97	2.35		ug/L		120	70 - 130
Simazine	1.97	2.16		ug/L		110	70 - 130
Terbacil	1.97	1.79		ug/L		91	70 - 130
Terbuthylazine	1.97	2.21		ug/L		112	70 - 130
Thiobencarb	1.97	2.22		ug/L		113	70 - 130
trans-Nonachlor	1.97	1.98		ug/L		101	70 - 130
Trifluralin	1.97	1.93		ug/L		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: MRL 380-199062/22-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0981	0.113		ug/L		116	50 - 150
2,4'-DDD	0.0981	0.0859	J	ug/L		88	50 - 150
2,4'-DDE	0.0981	0.103		ug/L		105	50 - 150
2,4'-DDT	0.0981	0.0975	J	ug/L		99	50 - 150
2,4-Dinitrotoluene	0.0981	0.0986		ug/L		100	50 - 150
2,6-Dinitrotoluene	0.0981	0.118		ug/L		121	50 - 150
2-Methylnaphthalene	0.0981	0.108		ug/L		110	50 - 150
4,4'-DDD	0.0981	0.101		ug/L		103	50 - 150
4,4'-DDE	0.0981	0.0953	J	ug/L		97	50 - 150
4,4'-DDT	0.0981	0.117		ug/L		119	50 - 150
Acenaphthene	0.0981	0.0908	J	ug/L		93	50 - 150
Acenaphthylene	0.0981	0.0917	J	ug/L		93	50 - 150
Acetochlor	0.0981	0.126		ug/L		128	50 - 150

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

Lab Sample ID: MRL 380-199062/22-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Alachlor	0.0491	0.0620		ug/L		126	50 - 150
alpha-BHC	0.0981	0.0991		ug/L		101	50 - 150
alpha-Chlordane	0.0245	<0.028		ug/L		92	50 - 150
Anthracene	0.0196	0.0233		ug/L		119	50 - 150
Atrazine	0.0491	0.0558		ug/L		114	50 - 150
Benz(a)anthracene	0.0491	0.0659		ug/L		134	50 - 150
Benzo[a]pyrene	0.0196	0.0262		ug/L		133	50 - 150
Benzo[b]fluoranthene	0.0196	0.0241		ug/L		123	50 - 150
Benzo[g,h,i]perylene	0.0491	0.0528		ug/L		108	50 - 150
Benzo[k]fluoranthene	0.0196	0.0244		ug/L		124	50 - 150
beta-BHC	0.0981	0.101		ug/L		103	50 - 150
Bis(2-ethylhexyl) phthalate	0.589	0.715		ug/L		121	50 - 150
Bromacil	0.0981	0.102		ug/L		104	50 - 150
Butachlor	0.0491	0.0665		ug/L		136	50 - 150
Butylbenzylphthalate	0.491	0.611		ug/L		124	50 - 150
Chlorobenzilate	0.0981	0.107		ug/L		109	50 - 150
Chloroneb	0.0981	0.0987		ug/L		101	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0981	0.0898	J	ug/L		91	50 - 150
Chlorpyrifos	0.0491	0.0530		ug/L		108	50 - 150
Chrysene	0.0196	0.0227		ug/L		116	50 - 150
delta-BHC	0.0981	0.112		ug/L		114	50 - 150
Di(2-ethylhexyl)adipate	0.589	0.807		ug/L		137	50 - 150
Dibenz(a,h)anthracene	0.0491	0.0488	J	ug/L		99	50 - 150
Diclorvos (DDVP)	0.0491	0.0618		ug/L		126	50 - 150
Dieldrin	0.00981	0.0109		ug/L		111	50 - 150
Diethylphthalate	0.491	0.558		ug/L		114	50 - 150
Dimethylphthalate	0.491	0.489	J	ug/L		100	50 - 150
Di-n-butyl phthalate	0.491	0.559	J	ug/L		114	49 - 243
Di-n-octyl phthalate	0.0981	0.108		ug/L		110	50 - 150
Endosulfan I (Alpha)	0.0981	0.0933	J	ug/L		95	50 - 150
Endosulfan II (Beta)	0.0981	0.100		ug/L		102	50 - 150
Endosulfan sulfate	0.0981	0.0872	J	ug/L		89	50 - 150
Endrin	0.00981	0.0121		ug/L		123	50 - 150
Endrin aldehyde	0.0981	0.101		ug/L		103	50 - 150
EPTC	0.0981	0.103		ug/L		104	50 - 150
Fluoranthene	0.0981	0.0990		ug/L		101	50 - 150
Fluorene	0.0491	0.0574		ug/L		117	50 - 150
gamma-Chlordane	0.0245	0.0244	J	ug/L		99	50 - 150
Heptachlor	0.00981	0.0139		ug/L		141	50 - 150
Heptachlor epoxide (isomer B)	0.00981	0.0101		ug/L		103	50 - 150
Hexachlorobenzene	0.0491	0.0477	J	ug/L		97	50 - 150
Hexachlorocyclopentadiene	0.0491	0.0477	J	ug/L		97	50 - 150
Indeno[1,2,3-cd]pyrene	0.0491	0.0519		ug/L		106	50 - 150
Isophorone	0.0981	0.123		ug/L		125	50 - 150
Lindane	0.00981	0.00930	J	ug/L		95	50 - 150
Malathion	0.0981	0.101		ug/L		103	50 - 150
Methoxychlor	0.0491	0.0584		ug/L		119	50 - 150
Metolachlor	0.0491	0.0599		ug/L		122	50 - 150
Molinate	0.0981	0.102		ug/L		104	50 - 150

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

Lab Sample ID: MRL 380-199062/22-A
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 199062

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			0.0981	0.111		ug/L		113	50 - 150		
Parathion			0.0981	0.0979	J	ug/L		100	50 - 150		
Pendimethalin (Penoxaline)			0.0981	0.0946	J	ug/L		96	50 - 150		
Phenanthrene			0.0393	0.0424		ug/L		108	50 - 150		
Propachlor			0.0491	0.0572		ug/L		117	50 - 150		
Pyrene			0.0491	0.0494		ug/L		101	50 - 150		
Simazine			0.0491	0.0457	J	ug/L		93	50 - 150		
Terbacil			0.0981	0.124		ug/L		127	50 - 150		
Terbuthylazine			0.0981	0.107		ug/L		109	50 - 150		
Thiobencarb			0.0981	0.112		ug/L		114	50 - 150		
trans-Nonachlor			0.0245	<0.026		ug/L		84	50 - 150		
Trifluralin			0.0981	0.0886	J	ug/L		90	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*101*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*97*		*70 - 130*

Lab Sample ID: 380-192710-U-1-A MS
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene	<0.098		1.97	2.01		ug/L		102	70 - 130		
2,4'-DDD	<0.098		1.97	2.01		ug/L		102	70 - 130		
2,4'-DDE	<0.098		1.97	1.94		ug/L		99	70 - 130		
2,4'-DDT	<0.098		1.97	2.03		ug/L		103	70 - 130		
2,4-Dinitrotoluene	<0.098		1.97	2.07		ug/L		105	70 - 130		
2,6-Dinitrotoluene	<0.098		1.97	1.93		ug/L		98	70 - 130		
2-Methylnaphthalene	<0.098		1.97	2.05		ug/L		104	70 - 130		
4,4'-DDD	<0.098		1.97	2.10		ug/L		106	70 - 130		
4,4'-DDE	<0.098		1.97	1.74		ug/L		88	70 - 130		
4,4'-DDT	<0.098		1.97	2.01		ug/L		102	70 - 130		
Acenaphthene	<0.098		1.97	1.99		ug/L		101	70 - 130		
Acenaphthylene	<0.098		1.97	1.81		ug/L		92	70 - 130		
Acetochlor	<0.098		1.97	1.98		ug/L		101	70 - 130		
Alachlor	<0.049		1.97	1.95		ug/L		99	70 - 130		
alpha-BHC	<0.098		1.97	1.94		ug/L		99	70 - 130		
alpha-Chlordane	<0.049		1.97	1.94		ug/L		98	70 - 130		
Anthracene	<0.020		1.97	1.45		ug/L		74	70 - 130		
Atrazine	<0.049		1.97	2.20		ug/L		112	70 - 130		
Benz(a)anthracene	<0.049		1.97	1.91		ug/L		97	70 - 130		
Benzo[a]pyrene	<0.020		1.97	2.03		ug/L		103	70 - 130		
Benzo[b]fluoranthene	<0.020		1.97	2.04		ug/L		104	70 - 130		
Benzo[g,h,i]perylene	<0.049		1.97	2.03		ug/L		103	70 - 130		
Benzo[k]fluoranthene	<0.020		1.97	1.99		ug/L		101	70 - 130		
beta-BHC	<0.098		1.97	2.04		ug/L		103	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.59		1.97	1.83		ug/L		93	70 - 130		

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

Lab Sample ID: 380-192710-U-1-A MS
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromacil	<0.098		1.97	2.01		ug/L		102	70 - 130
Butachlor	<0.049		1.97	2.15		ug/L		109	70 - 130
Butylbenzylphthalate	<0.49		1.97	2.15		ug/L		109	70 - 130
Chlorobenzilate	<0.098		1.97	2.26		ug/L		115	70 - 130
Chloroneb	<0.098		1.97	1.96		ug/L		100	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.10		ug/L		107	70 - 130
Chlorpyrifos	<0.049		1.97	2.04		ug/L		103	70 - 130
Chrysene	<0.020		1.97	1.90		ug/L		96	70 - 130
delta-BHC	<0.098		1.97	1.96		ug/L		99	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.97	2.23		ug/L		113	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	2.15		ug/L		109	70 - 130
Diclorvos (DDVP)	<0.049		1.97	2.17		ug/L		110	70 - 130
Dieldrin	0.016		1.97	2.02		ug/L		102	70 - 130
Diethylphthalate	<0.49		1.97	1.99		ug/L		101	70 - 130
Dimethylphthalate	<0.49		1.97	1.92		ug/L		98	70 - 130
Di-n-butyl phthalate	<0.98		3.94	3.95		ug/L		100	70 - 130
Di-n-octyl phthalate	<0.098		1.97	1.85		ug/L		94	70 - 130
Endosulfan I (Alpha)	<0.098		1.97	2.05		ug/L		104	70 - 130
Endosulfan II (Beta)	<0.098		1.97	1.99		ug/L		101	70 - 130
Endosulfan sulfate	<0.098		1.97	2.17		ug/L		110	70 - 130
Endrin	<0.0098		1.97	2.20		ug/L		112	70 - 130
Endrin aldehyde	<0.098		1.97	1.56		ug/L		79	60 - 130
EPTC	<0.098		1.97	2.02		ug/L		102	70 - 130
Fluoranthene	<0.098		1.97	2.19		ug/L		111	70 - 130
Fluorene	<0.049		1.97	1.88		ug/L		96	70 - 130
gamma-Chlordane	<0.049		1.97	1.89		ug/L		96	70 - 130
Heptachlor	<0.0098		1.97	1.89		ug/L		96	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.97	1.63		ug/L		83	70 - 130
Hexachlorobenzene	<0.049		1.97	1.79		ug/L		91	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	2.01		ug/L		102	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.24		ug/L		114	70 - 130
Isophorone	<0.098		1.97	2.04		ug/L		104	70 - 130
Lindane	<0.0098		1.97	2.04		ug/L		103	70 - 130
Malathion	<0.098		1.97	2.19		ug/L		111	70 - 130
Methoxychlor	<0.049		1.97	2.08		ug/L		106	70 - 130
Metolachlor	<0.049		1.97	1.98		ug/L		101	70 - 130
Molinate	<0.098		1.97	2.11		ug/L		107	70 - 130
Naphthalene	<0.098		1.97	1.84		ug/L		93	70 - 130
Parathion	<0.098		1.97	2.39		ug/L		121	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.97	2.11		ug/L		107	70 - 130
Phenanthrene	<0.039		1.97	1.91		ug/L		97	70 - 130
Propachlor	<0.049		1.97	2.21		ug/L		112	70 - 130
Pyrene	<0.049		1.97	2.28		ug/L		116	70 - 130
Simazine	<0.049		1.97	2.28		ug/L		116	70 - 130
Terbacil	<0.098		1.97	2.00		ug/L		102	70 - 130
Terbuthylazine	<0.098		1.97	2.23		ug/L		113	70 - 130
Thiobencarb	<0.098		1.97	2.21		ug/L		112	70 - 130
trans-Nonachlor	<0.049		1.97	1.95		ug/L		99	70 - 130
Trifluralin	<0.098		1.97	1.99		ug/L		101	70 - 130

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

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Nitro-m-xylene	101		70 - 130
Perylene-d12	98		70 - 130
Triphenylphosphate	101		70 - 130

Lab Sample ID: 380-192710-V-1-A MSD
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.098		1.99	2.00		ug/L		101	70 - 130	0	20
2,4'-DDD	<0.098		1.99	2.02		ug/L		102	70 - 130	0	20
2,4'-DDE	<0.098		1.99	1.95		ug/L		98	70 - 130	0	20
2,4'-DDT	<0.098		1.99	2.05		ug/L		103	70 - 130	1	20
2,4-Dinitrotoluene	<0.098		1.99	2.07		ug/L		104	70 - 130	0	20
2,6-Dinitrotoluene	<0.098		1.99	1.95		ug/L		98	70 - 130	1	20
2-Methylnaphthalene	<0.098		1.99	2.03		ug/L		102	70 - 130	1	20
4,4'-DDD	<0.098		1.99	2.12		ug/L		107	70 - 130	1	20
4,4'-DDE	<0.098		1.99	1.74		ug/L		87	70 - 130	0	20
4,4'-DDT	<0.098		1.99	2.02		ug/L		102	70 - 130	1	20
Acenaphthene	<0.098		1.99	1.98		ug/L		100	70 - 130	0	20
Acenaphthylene	<0.098		1.99	1.84		ug/L		92	70 - 130	2	20
Acetochlor	<0.098		1.99	2.00		ug/L		101	70 - 130	1	20
Alachlor	<0.049		1.99	1.99		ug/L		100	70 - 130	2	20
alpha-BHC	<0.098		1.99	1.96		ug/L		99	70 - 130	1	20
alpha-Chlordane	<0.049		1.99	1.96		ug/L		98	70 - 130	1	20
Anthracene	<0.020		1.99	1.41		ug/L		71	70 - 130	3	20
Atrazine	<0.049		1.99	2.22		ug/L		112	70 - 130	1	20
Benz(a)anthracene	<0.049		1.99	1.94		ug/L		98	70 - 130	2	20
Benzo[a]pyrene	<0.020		1.99	2.04		ug/L		103	70 - 130	0	20
Benzo[b]fluoranthene	<0.020		1.99	2.07		ug/L		104	70 - 130	1	20
Benzo[g,h,i]perylene	<0.049		1.99	2.05		ug/L		103	70 - 130	1	20
Benzo[k]fluoranthene	<0.020		1.99	2.01		ug/L		101	70 - 130	1	20
beta-BHC	<0.098		1.99	2.09		ug/L		105	70 - 130	2	20
Bis(2-ethylhexyl) phthalate	<0.59		1.99	1.81		ug/L		91	70 - 130	1	20
Bromacil	<0.098		1.99	2.00		ug/L		101	70 - 130	1	20
Butachlor	<0.049		1.99	2.16		ug/L		109	70 - 130	0	20
Butylbenzylphthalate	<0.49		1.99	2.22		ug/L		112	70 - 130	4	20
Chlorobenzilate	<0.098		1.99	2.29		ug/L		115	70 - 130	1	20
Chloroneb	<0.098		1.99	2.01		ug/L		101	70 - 130	2	20
Chlorothalonil (Draconil, Bravo)	<0.098		1.99	2.13		ug/L		108	70 - 130	2	20
Chlorpyrifos	<0.049		1.99	2.06		ug/L		104	70 - 130	1	20
Chrysene	<0.020		1.99	1.94		ug/L		97	70 - 130	2	20
delta-BHC	<0.098		1.99	1.97		ug/L		99	70 - 130	1	20
Di(2-ethylhexyl)adipate	<0.59		1.99	2.27		ug/L		114	70 - 130	1	20
Dibenz(a,h)anthracene	<0.049		1.99	2.15		ug/L		108	70 - 130	0	20
Diclorvos (DDVP)	<0.049		1.99	2.18		ug/L		110	70 - 130	1	20
Dieldrin	0.016		1.99	2.08		ug/L		104	70 - 130	3	20
Diethylphthalate	<0.49		1.99	2.03		ug/L		102	70 - 130	2	20
Dimethylphthalate	<0.49		1.99	1.91		ug/L		96	70 - 130	0	20
Di-n-butyl phthalate	<0.98		3.97	4.03		ug/L		102	70 - 130	2	20
Di-n-octyl phthalate	<0.098		1.99	1.81		ug/L		91	70 - 130	2	20

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

Lab Sample ID: 380-192710-V-1-A MSD
Matrix: Water
Analysis Batch: 199342

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 199062

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan I (Alpha)	<0.098		1.99	2.05		ug/L		103	70 - 130	0	20
Endosulfan II (Beta)	<0.098		1.99	2.00		ug/L		101	70 - 130	1	20
Endosulfan sulfate	<0.098		1.99	2.18		ug/L		110	70 - 130	0	20
Endrin	<0.0098		1.99	2.23		ug/L		112	70 - 130	1	20
Endrin aldehyde	<0.098		1.99	1.58		ug/L		80	60 - 130	1	20
EPTC	<0.098		1.99	2.01		ug/L		101	70 - 130	0	20
Fluoranthene	<0.098		1.99	2.25		ug/L		113	70 - 130	2	20
Fluorene	<0.049		1.99	1.89		ug/L		95	70 - 130	0	20
gamma-Chlordane	<0.049		1.99	1.91		ug/L		96	70 - 130	1	20
Heptachlor	<0.0098		1.99	1.87		ug/L		94	70 - 130	1	20
Heptachlor epoxide (isomer B)	<0.0098		1.99	1.63		ug/L		82	70 - 130	0	20
Hexachlorobenzene	<0.049		1.99	1.78		ug/L		90	70 - 130	0	20
Hexachlorocyclopentadiene	<0.049		1.99	2.02		ug/L		102	70 - 130	0	20
Indeno[1,2,3-cd]pyrene	<0.049		1.99	2.26		ug/L		114	70 - 130	1	20
Isophorone	<0.098		1.99	2.00		ug/L		101	70 - 130	2	20
Lindane	<0.0098		1.99	2.06		ug/L		104	70 - 130	1	20
Malathion	<0.098		1.99	2.21		ug/L		111	70 - 130	1	20
Methoxychlor	<0.049		1.99	2.14		ug/L		108	70 - 130	3	20
Metolachlor	<0.049		1.99	1.99		ug/L		100	70 - 130	1	20
Molinate	<0.098		1.99	2.10		ug/L		106	70 - 130	1	20
Naphthalene	<0.098		1.99	1.82		ug/L		92	70 - 130	1	20
Parathion	<0.098		1.99	2.41		ug/L		121	70 - 130	1	20
Pendimethalin (Penoxaline)	<0.098		1.99	2.16		ug/L		109	70 - 130	2	20
Phenanthrene	<0.039		1.99	1.91		ug/L		96	70 - 130	0	20
Propachlor	<0.049		1.99	2.26		ug/L		114	70 - 130	3	20
Pyrene	<0.049		1.99	2.34		ug/L		118	70 - 130	3	20
Simazine	<0.049		1.99	2.26		ug/L		114	70 - 130	1	20
Terbacil	<0.098		1.99	1.98		ug/L		100	70 - 130	1	20
Terbuthylazine	<0.098		1.99	2.31		ug/L		116	70 - 130	3	20
Thiobencarb	<0.098		1.99	2.24		ug/L		113	70 - 130	1	20
trans-Nonachlor	<0.049		1.99	1.94		ug/L		98	70 - 130	1	20
Trifluralin	<0.098		1.99	2.02		ug/L		102	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*101*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

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

Lab Sample ID: MB 570-684318/1-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684318

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Acenaphthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Acenaphthylene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1

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

Lab Sample ID: MB 570-684318/1-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684318

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[a]pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Chrysene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Fluoranthene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Fluorene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Naphthalene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Phenanthrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1
Pyrene	<0.20		0.20		ug/L		01/20/26 06:00	01/27/26 07:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*28 - 127*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
2-Fluorobiphenyl (Surr)	*87*		*31 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
2-Fluorophenol (Surr)	*57*		*17 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*	*01/20/26 06:00*	*01/27/26 07:13*	*1*

Lab Sample ID: LCS 570-684318/2-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684318

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	18.0		ug/L		90	47 - 120		
2-Methylnaphthalene			20.0	18.0		ug/L		90	43 - 120		
Acenaphthene			20.0	18.4		ug/L		92	60 - 132		
Acenaphthylene			20.0	18.5		ug/L		92	54 - 126		
Anthracene			20.0	18.1		ug/L		90	43 - 120		
Benzo[a]anthracene			20.0	19.0		ug/L		95	42 - 133		
Benzo[a]pyrene			20.0	19.2		ug/L		96	32 - 148		
Benzo[b]fluoranthene			20.0	19.1		ug/L		96	42 - 140		
Benzo[g,h,i]perylene			20.0	17.2		ug/L		86	1 - 195		
Benzo[k]fluoranthene			20.0	18.2		ug/L		91	25 - 146		
Chrysene			20.0	18.4		ug/L		92	44 - 140		
Dibenz(a,h)anthracene			20.0	18.0		ug/L		90	1 - 200		
Fluoranthene			20.0	18.7		ug/L		93	43 - 121		
Fluorene			20.0	18.5		ug/L		92	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	18.1		ug/L		91	1 - 151		
Naphthalene			20.0	17.8		ug/L		89	36 - 120		
Phenanthrene			20.0	18.2		ug/L		91	65 - 120		
Pyrene			20.0	19.4		ug/L		97	70 - 120		

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

Lab Sample ID: LCS 570-684318/2-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684318

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*91*		*28 - 127*
2-Fluorobiphenyl (Surr)	*85*		*31 - 120*
2-Fluorophenol (Surr)	*59*		*17 - 120*
Nitrobenzene-d5 (Surr)	*87*		*27 - 120*
Phenol d6 (Surr)	*40*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

Lab Sample ID: LCSD 570-684318/3-A
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 684318

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	19.0		ug/L		95	47 - 120	6	20
2-Methylnaphthalene			20.0	19.0		ug/L		95	43 - 120	5	20
Acenaphthene			20.0	19.0		ug/L		95	60 - 132	3	29
Acenaphthylene			20.0	19.2		ug/L		96	54 - 126	4	45
Anthracene			20.0	19.2		ug/L		96	43 - 120	6	40
Benzo[a]anthracene			20.0	20.0		ug/L		100	42 - 133	5	32
Benzo[a]pyrene			20.0	20.5		ug/L		103	32 - 148	7	43
Benzo[b]fluoranthene			20.0	19.8		ug/L		99	42 - 140	4	43
Benzo[g,h,i]perylene			20.0	18.7		ug/L		93	1 - 195	9	61
Benzo[k]fluoranthene			20.0	19.7		ug/L		98	25 - 146	8	38
Chrysene			20.0	19.3		ug/L		97	44 - 140	5	53
Dibenz(a,h)anthracene			20.0	19.6		ug/L		98	1 - 200	8	75
Fluoranthene			20.0	19.3		ug/L		97	43 - 121	3	40
Fluorene			20.0	19.2		ug/L		96	70 - 120	4	23
Indeno[1,2,3-cd]pyrene			20.0	19.6		ug/L		98	1 - 151	8	60
Naphthalene			20.0	18.6		ug/L		93	36 - 120	4	39
Phenanthrene			20.0	18.8		ug/L		94	65 - 120	4	24
Pyrene			20.0	20.3		ug/L		101	70 - 120	4	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*
2-Fluorobiphenyl (Surr)	*89*		*31 - 120*
2-Fluorophenol (Surr)	*63*		*17 - 120*
Nitrobenzene-d5 (Surr)	*90*		*27 - 120*
Phenol-d6 (Surr)	*43*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

Lab Sample ID: 380-192972-A-1-A MS
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.2	14.8		ug/L		77	36 - 120
2-Methylnaphthalene	<0.19		19.2	14.4		ug/L		75	32 - 124
Acenaphthene	<0.19		19.2	15.0		ug/L		78	47 - 145
Acenaphthylene	<0.19		19.2	15.2		ug/L		79	33 - 145

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

Lab Sample ID: 380-192972-A-1-A MS
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	<0.19		19.2	15.3		ug/L		79	27 - 133
Benzo[a]anthracene	<0.19		19.2	15.6		ug/L		81	33 - 143
Benzo[a]pyrene	<0.19		19.2	14.5		ug/L		76	17 - 163
Benzo[b]fluoranthene	<0.19		19.2	14.6		ug/L		76	24 - 159
Benzo[g,h,i]perylene	<0.19		19.2	12.7		ug/L		66	1 - 219
Benzo[k]fluoranthene	<0.19		19.2	13.9		ug/L		73	11 - 162
Chrysene	<0.19		19.2	14.9		ug/L		77	17 - 168
Dibenz(a,h)anthracene	<0.19		19.2	13.0		ug/L		67	1 - 227
Fluoranthene	<0.19		19.2	15.8		ug/L		82	26 - 137
Fluorene	<0.19		19.2	15.2		ug/L		79	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.2	13.4		ug/L		69	1 - 171
Naphthalene	<0.19		19.2	14.6		ug/L		76	21 - 133
Phenanthrene	<0.19		19.2	15.4		ug/L		80	54 - 120
Pyrene	<0.19		19.2	16.9		ug/L		88	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*
2-Fluorobiphenyl (Surr)	*75*		*31 - 120*
2-Fluorophenol (Surr)	*51*		*17 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*

Lab Sample ID: 380-192972-A-1-B MSD
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.2	16.1		ug/L		84	36 - 120	9	30
2-Methylnaphthalene	<0.19		19.2	16.0		ug/L		83	32 - 124	10	30
Acenaphthene	<0.19		19.2	15.9		ug/L		83	47 - 145	6	48
Acenaphthylene	<0.19		19.2	16.0		ug/L		83	33 - 145	5	74
Anthracene	<0.19		19.2	16.4		ug/L		85	27 - 133	7	66
Benzo[a]anthracene	<0.19		19.2	16.8		ug/L		87	33 - 143	7	53
Benzo[a]pyrene	<0.19		19.2	15.6		ug/L		81	17 - 163	7	72
Benzo[b]fluoranthene	<0.19		19.2	15.5		ug/L		81	24 - 159	6	71
Benzo[g,h,i]perylene	<0.19		19.2	14.2		ug/L		74	1 - 219	11	97
Benzo[k]fluoranthene	<0.19		19.2	15.0		ug/L		78	11 - 162	7	63
Chrysene	<0.19		19.2	16.1		ug/L		84	17 - 168	8	87
Dibenz(a,h)anthracene	<0.19		19.2	14.7		ug/L		76	1 - 227	12	126
Fluoranthene	<0.19		19.2	17.1		ug/L		89	26 - 137	8	66
Fluorene	<0.19		19.2	16.1		ug/L		84	59 - 121	6	38
Indeno[1,2,3-cd]pyrene	<0.19		19.2	14.8		ug/L		77	1 - 171	10	99
Naphthalene	<0.19		19.2	15.9		ug/L		82	21 - 133	8	65
Phenanthrene	<0.19		19.2	16.3		ug/L		85	54 - 120	6	39
Pyrene	<0.19		19.2	18.0		ug/L		94	52 - 120	7	49

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

Lab Sample ID: 380-192972-A-1-B MSD
Matrix: Water
Analysis Batch: 687438

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684318

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 - 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*82*		*45 - 120*

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

Lab Sample ID: MB 570-683659/5
Matrix: Water
Analysis Batch: 683659

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			01/17/26 12:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*01/17/26 12:11*	*1*

Lab Sample ID: LCS 570-683659/3
Matrix: Water
Analysis Batch: 683659

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	392		ug/L		98	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*

Lab Sample ID: LCSD 570-683659/4
Matrix: Water
Analysis Batch: 683659

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	392		ug/L		98	78 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*

Lab Sample ID: MRL 570-683659/6
Matrix: Water
Analysis Batch: 683659

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	7.96	J	ug/L		80	50 - 150		

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

Lab Sample ID: MRL 570-683659/6
Matrix: Water
Analysis Batch: 683659

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

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	*87*		*38 - 134*

Lab Sample ID: 380-192922-C-1 MS
Matrix: Water
Analysis Batch: 683659

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	367		ug/L		92	68 - 122		

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

Lab Sample ID: 380-192922-C-1 MSD
Matrix: Water
Analysis Batch: 683659

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	393		ug/L		98	68 - 122	7	18

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

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

Lab Sample ID: MB 570-684016/1-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 684016

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1
C8-C18	<25		25		ug/L		01/19/26 10:29	01/24/26 20:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*123*		*60 - 130*	*01/19/26 10:29*	*01/24/26 20:24*	*1*

Lab Sample ID: LCS 570-684016/2-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1560		ug/L		97	56 - 127		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	*124*		*60 - 130*

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

Lab Sample ID: LCSD 570-684016/3-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1670		ug/L		104	56 - 127	7	23

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

Lab Sample ID: MRL 570-684016/4-A
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 684016

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0202	J	mg/L		101	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*122*		*60 - 130*

Lab Sample ID: 380-192922-A-1-A MS
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 684016

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1650	1600		ug/L		97	70 - 130		

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

Lab Sample ID: 380-192922-A-1-B MSD
Matrix: Water
Analysis Batch: 686665

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 684016

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1640	1720		ug/L		105	70 - 130	7	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*133*	*S1+*	*60 - 130*

GC/MS Semi VOA

Prep Batch: 199062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	525.2	
MB 380-199062/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-199062/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-199062/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-192710-U-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-192710-V-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	

Analysis Batch: 199342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	525.2	199062
MB 380-199062/21-A	Method Blank	Total/NA	Water	525.2	199062
LCS 380-199062/23-A	Lab Control Sample	Total/NA	Water	525.2	199062
MRL 380-199062/22-A	Lab Control Sample	Total/NA	Water	525.2	199062
380-192710-U-1-A MS	Matrix Spike	Total/NA	Water	525.2	199062
380-192710-V-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	199062

Prep Batch: 684318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	625.1	
MB 570-684318/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-684318/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-684318/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-192972-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-192972-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 687438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-684318/1-A	Method Blank	Total/NA	Water	625.1 SIM	684318
LCS 570-684318/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	684318
LCSD 570-684318/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	684318
380-192972-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	684318
380-192972-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	684318

Analysis Batch: 688099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	625.1 SIM	684318

Analysis Batch: 688564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	625.1	684318

GC VOA

Analysis Batch: 683659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	8015B GRO LL	
380-192683-2	TB:MOANALUA WELLS P1(331-223-TP202)	Total/NA	Water	8015B GRO LL	
MB 570-683659/5	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-683659/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-683659/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-683659/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 683659 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192922-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-192922-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 684016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	3510C	
MB 570-684016/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-684016/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-684016/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-684016/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-192922-A-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-192922-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 686665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Total/NA	Drinking Water	8015B	684016
MB 570-684016/1-A	Method Blank	Total/NA	Water	8015B	684016
LCS 570-684016/2-A	Lab Control Sample	Total/NA	Water	8015B	684016
LCSD 570-684016/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	684016
MRL 570-684016/4-A	Lab Control Sample	Total/NA	Water	8015B	684016
380-192922-A-1-A MS	Matrix Spike	Total/NA	Water	8015B	684016
380-192922-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	684016

Lab Chronicle

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

Job ID: 380-192683-1
SDG: Weekly: Moanalua Well P1

Client Sample ID: MOANALUA WELLS P1 (331-223-TP202)

Lab Sample ID: 380-192683-1

Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			199062	IQ42	EA POM	01/19/26 14:33
Total/NA	Analysis	525.2		1	199342	Q8LA	EA POM	01/20/26 16:59
Total/NA	Prep	625.1			684318	H1SH	EET CAL 4	01/20/26 06:00
Total/NA	Analysis	625.1		1	688564	J7WE	EET CAL 4	01/29/26 18:08
Total/NA	Prep	625.1			684318	H1SH	EET CAL 4	01/20/26 06:00
Total/NA	Analysis	625.1 SIM		1	688099	CG	EET CAL 4	01/28/26 14:50
Total/NA	Analysis	8015B GRO LL		1	683659	YD9V	EET CAL 4	01/17/26 15:14
Total/NA	Prep	3510C			684016	TVD6	EET CAL 4	01/19/26 10:30
Total/NA	Analysis	8015B		1	686665	H6FE	EET CAL 4	01/25/26 00:20

Client Sample ID: TB:MOANALUA WELLS P1(331-223-TP202)

Lab Sample ID: 380-192683-2

Date Collected: 01/13/26 12:50
Date Received: 01/15/26 09:38

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	683659	YD9V	EET CAL 4	01/17/26 18:20

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: 380-192683-1
SDG: Weekly: Moanalua Well P1

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	Drinking Water	1-Methylnaphthalene
525.2	525.2	Drinking Water	2,4'-DDD
525.2	525.2	Drinking Water	2,4'-DDE
525.2	525.2	Drinking Water	2,4'-DDT
525.2	525.2	Drinking Water	2,4-Dinitrotoluene
525.2	525.2	Drinking Water	2,6-Dinitrotoluene
525.2	525.2	Drinking Water	2-Methylnaphthalene
525.2	525.2	Drinking Water	4,4'-DDD
525.2	525.2	Drinking Water	4,4'-DDE
525 2	525 2	Drinking Water	4,4' DDT
525.2	525.2	Drinking Water	Acetochlor
525.2	525.2	Drinking Water	alpha-BHC
525.2	525.2	Drinking Water	alpha-Chlordane
525.2	525.2	Drinking Water	beta-BHC
525.2	525.2	Drinking Water	Chlorobenzilate
525.2	525.2	Drinking Water	Chloroneb
525.2	525.2	Drinking Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Drinking Water	Chlorpyrifos
525.2	525.2	Drinking Water	delta-BHC
525.2	525.2	Drinking Water	Diclorvos (DDVP)
525.2	525.2	Drinking Water	Endosulfan I (Alpha)
525.2	525.2	Drinking Water	Endosulfan II (Beta)
525.2	525.2	Drinking Water	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde
525.2	525.2	Drinking Water	EPTC
525.2	525.2	Drinking Water	gamma-Chlordane
525.2	525.2	Drinking Water	Isophorone
525.2	525.2	Drinking Water	Malathion
525.2	525.2	Drinking Water	Parathion
525.2	525.2	Drinking Water	Pendimethalin (Penoxaline)
525.2	525.2	Drinking Water	Terbacil
525.2	525.2	Drinking Water	Terbuthylazine
525.2	525.2	Drinking Water	Total Permethrin (mixed isomers)
525.2	525.2	Drinking 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: 380-192683-1
SDG: Weekly: Moanalua Well P1

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	02-02-26
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: 380-192683-1
SDG: Weekly: Moanalua Well P1

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: 380-192683-1
SDG: Weekly: Moanalua Well P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-192683-1	MOANALUA WELLS P1 (331-223-TP202)	Drinking Water	01/13/26 12:50	01/15/26 09:38	HI0000331
380-192683-2	TB:MOANALUA WELLS P1(331-223-TP202)	Water	01/13/26 12:50	01/15/26 09:38	

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: Jason Rakofsky	Lab PM: Arada, Rachelle	Carrier Tracking No(s):	COC No: 380-28005-2757.1
Client Contact: Mr. Kirk Iwamoto	Phone: +1 808 748 5840	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin:	Page: Page 1 of 2
Company: City & County of Honolulu	PWSID:	Analysis Requested		Job #:
Address: 630 South Beretania Street Chemistry Lab	Due Date Requested:			Preservation Codes: R - NaThioSO4; RA - NaThio/HCl; Q - Na2SO3; QA - Na2SO3/HCl; Y - Trizma; I - NH4 Acetate
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 #:			Other:
Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill	Project #: 38001111			
Site: Hawaii	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	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_C8 - HNL Ranges: C10-C24/C24-C36/C8-C18	625.2_PREC - (MOD) 625plus Plus TICs	537.1_DW_PREC - 537.1 Full List	533 - All Analytes													Total Number of containers	Special Instructions/Note:
			Preservation Code:				R		Q		Y	I														
Moanalua Well P1	13-Jan-2026	1250	G	Water			2	3	2	2																
TB: Moanalua Well P1	13-Jan-2026	✓	G	Water				2																		

380-192683 COC

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. EX to C781 U696
[redacted]	Date/Time: 1/14/26 1100	Company: HBWS	Received by:	Date/Time: 1/15/26 638	Company: FEDEX
	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: 6et U.7/U.7 gel frozen

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

Chain of Custody Record

eurofins

Loc: 380
192683

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-295277.1
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 #: 380-192683-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 1/28/2026			Preservation Codes:
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			

380-192683 Chain of Custody

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	625.1_SIM/625_Prep(MOD) Extended PAH List	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	Total Number of	Special Instructions/Note:
			Preservation Code:									
MOANALUA WELLS (331-223-TP202) (380-192683-1)	1/13/26	12:50 Hawaiian	G	Water			X	X	X	X	7	, MRLs are needed. Confirm any hits >RL.
TB:MOANALUA WELLS (331-223-TP202) (380-192683-2)	1/13/26	12:50 Hawaiian	G	Water						X	2	MRLs are needed. Confirm any hits >RL.

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	1/16/26 1200	GEA	[signature]	1/16/26 12:00	EEC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.9 | 1.0 | 12.5

2kgR

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-192683-1
SDG Number: Weekly: Moanalua Well P1

Login Number: 192683
List Number: 1
Creator: Segura, Ryan

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).	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-192683-1
SDG Number: Weekly: Moanalua Well P1

Login Number: 192683
List Number: 2
Creator: Szymborski, Jessica

List Source: Eurofins Calscience
List Creation: 01/16/26 05:43 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	0.9/1.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	