eurofins | Environment Testing

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 9/11/2025 5:06:02 PM

JOB DESCRIPTION

RED-HILL
Weekly: Moanalua Wells
RUSH Weekly Red Hill

JOB NUMBER

380-168217-1

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Eurofins Eaton Analytical Pomona

Job Notes

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

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

Definitions/Glossary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
F1	MS and/or MSD recovery 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.

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.

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
380-168217-1

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 8/27/2025 10:04 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 2.7°C.

GC/MS Semi VOA
Method 625.1_SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-617934 and analytical batch 570-619556 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

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

Detection Summary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

Client Sample ID: MOANALUA WELLS (331-223-TP202) Lab Sample ID: 380-168217-1

PWSID Number: HI0000331

No Detections.

Client Sample ID: TB:MOANALUA WELLS (331-223-TP202) Lab Sample ID: 380-168217-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Date Collected: 08/25/25 10:30
Date Received: 08/27/25 10:04

Lab Sample ID: 380-168217-1

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		08/27/25 14:18	08/28/25 17:18	1
2,4'-DDD	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
2,4'-DDE	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
2,4'-DDT	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
2-Methylnaphthalene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
4,4'-DDD	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
4,4'-DDE	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
4,4'-DDT	<0.098	^3+	0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Acenaphthene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Acenaphthylene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Acetochlor	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Alachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
alpha-BHC	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
alpha-Chlordane	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Anthracene	<0.020		0.020		ug/L		08/27/25 14:18	08/28/25 17:18	1
Atrazine	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Benz(a)anthracene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Benzo[a]pyrene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 17:18	1
Benzo[b]fluoranthene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 17:18	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Benzo[k]fluoranthene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 17:18	1
beta-BHC	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		08/27/25 14:18	08/28/25 17:18	1
Bromacil	<0.098	^3+	0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Butachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Butylbenzylphthalate	<0.49	^3+	0.49		ug/L		08/27/25 14:18	08/28/25 17:18	1
Chlorobenzilate	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Chloroneb	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Chlorpyrifos	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Chrysene	<0.020		0.020		ug/L		08/27/25 14:18	08/28/25 17:18	1
delta-BHC	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		08/27/25 14:18	08/28/25 17:18	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Dieldrin	<0.0098	^3+	0.0098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Diethylphthalate	<0.49		0.49		ug/L		08/27/25 14:18	08/28/25 17:18	1
Dimethylphthalate	<0.49		0.49		ug/L		08/27/25 14:18	08/28/25 17:18	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		08/27/25 14:18	08/28/25 17:18	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Endosulfan sulfate	<0.098	^3+	0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Endrin	<0.0098		0.0098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Endrin aldehyde	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
EPTC	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Fluoranthene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1

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

Date Collected: 08/25/25 10:30
Date Received: 08/27/25 10:04

Lab Sample ID: 380-168217-1

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		08/27/25 14:18	08/28/25 17:18	1
gamma-Chlordane	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Heptachlor	<0.0098		0.0098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Heptachlor epoxide (isomer B)	<0.0098	^3+	0.0098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Hexachlorobenzene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Isophorone	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Lindane	<0.0098		0.0098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Malathion	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Methoxychlor	<0.049	^3+	0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Metolachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Molinate	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Naphthalene	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Parathion	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Phenanthrene	<0.039		0.039		ug/L		08/27/25 14:18	08/28/25 17:18	1
Propachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Pyrene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Simazine	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Terbacil	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Terbuthylazine	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Thiobencarb	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		08/27/25 14:18	08/28/25 17:18	1
trans-Nonachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 17:18	1
Trifluralin	<0.098		0.098		ug/L		08/27/25 14:18	08/28/25 17:18	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*08/27/25 14:18*	*08/28/25 17:18*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*08/27/25 14:18*	*08/28/25 17:18*	*1*
Perylene-d12	*94*		*70 - 130*	*08/27/25 14:18*	*08/28/25 17:18*	*1*
Triphenylphosphate	*107*		*70 - 130*	*08/27/25 14:18*	*08/28/25 17:18*	*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		08/28/25 08:30	09/02/25 13:03	1
2-Methylnaphthalene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Acenaphthene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Acenaphthylene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Anthracene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Benzo[a]anthracene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Benzo[a]pyrene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Chrysene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Fluoranthene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1

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

Lab Sample ID: 380-168217-1
Date Collected: 08/25/25 10:30
Matrix: Drinking Water
Date Received: 08/27/25 10:04
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		08/28/25 08:30	09/02/25 13:03	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Naphthalene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Phenanthrene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1
Pyrene	<0.19		0.19		ug/L		08/28/25 08:30	09/02/25 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*	*08/28/25 08:30*	*09/02/25 13:03*	*1*
2-Fluorobiphenyl (Surr)	*82*		*31 - 120*	*08/28/25 08:30*	*09/02/25 13:03*	*1*
2-Fluorophenol (Surr)	*58*		*17 - 120*	*08/28/25 08:30*	*09/02/25 13:03*	*1*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*	*08/28/25 08:30*	*09/02/25 13:03*	*1*
Phenol-d6 (Surr)	*36*		*10 - 120*	*08/28/25 08:30*	*09/02/25 13:03*	*1*
p-Terphenyl-d14 (Surr)	*90*		*45 - 120*	*08/28/25 08:30*	*09/02/25 13:03*	*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*	*08/28/25 08:30*	*09/10/25 14:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*33 - 139*	*08/28/25 08:30*	*09/10/25 14:50*	*1*
2-Fluorobiphenyl (Surr)	*88*		*33 - 126*	*08/28/25 08:30*	*09/10/25 14:50*	*1*
2-Fluorophenol (Surr)	*61*		*12 - 120*	*08/28/25 08:30*	*09/10/25 14:50*	*1*
Nitrobenzene-d5 (Surr)	*93*		*36 - 120*	*08/28/25 08:30*	*09/10/25 14:50*	*1*
Phenol-d6 (Surr)	*36*		*10 - 120*	*08/28/25 08:30*	*09/10/25 14:50*	*1*
p-Terphenyl-d14 (Surr)	*82*		*47 - 131*	*08/28/25 08:30*	*09/10/25 14:50*	*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			09/03/25 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*38 - 134*		*09/03/25 02:25*	*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		08/29/25 09:41	09/07/25 09:05	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		08/29/25 09:41	09/07/25 09:05	1
C8-C18	<26		26		ug/L		08/29/25 09:41	09/07/25 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*60 - 130*	*08/29/25 09:41*	*09/07/25 09:05*	*1*

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

Lab Sample ID: 380-168217-2
Date Collected: 08/25/25 10:30
Matrix: Water
Date Received: 08/27/25 10:04

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			09/03/25 02:01	1

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

Client Sample ID: TB:MOANALUA WELLS (331-223-TP202)
Date Collected: 08/25/25 10:30
Date Received: 08/27/25 10:04

Lab Sample ID: 380-168217-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		38 - 134		09/03/25 02:01	1

Action Limit Summary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

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

Lab Sample ID: 380-168217-1

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	^3+	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	^3+	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	^3+	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: 380-168217-1
SDG: Weekly: Moanalua Wells

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)
380-168217-1	MOANALUA WELLS (331-223-T	98	94	107

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)
380-168205-I-1-A MS	Matrix Spike	95	101	106
380-168209-I-1-A DU	Duplicate	94	89	116
LCS 380-170954/21-A	Lab Control Sample	96	100	116
LCSD 380-170954/22-A	Lab Control Sample Dup	98	100	117
MB 380-170954/19-A	Method Blank	94	92	112
MRL 380-170954/20-A	Lab Control Sample	96	93	120

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)
380-168217-1	MOANALUA WELLS (331-223-T	80	88	61	93	36	82

Surrogate Legend

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

Method: 625.1 - 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)
MB 570-617934/1-A	Method Blank	78	79	52	87	31	79

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)
380-168217-1	MOANALUA WELLS (331-223-T	80	82	58	79	36	90

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)
380-168205-A-1-A MS	Matrix Spike	82	75	59	66	39	84
380-168205-A-1-B MSD	Matrix Spike Duplicate	87	83	62	72	39	83
LCS 570-617934/2-A	Lab Control Sample	88	75	53	63	34	72
LCSD 570-617934/3-A	Lab Control Sample Dup	92	78	53	66	34	77
MB 570-617934/1-A	Method Blank	95	78	53	81	32	76

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)
380-168217-1	MOANALUA WELLS (331-223-T	75

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)
380-168205-C-1 MS	Matrix Spike	90
380-168205-C-1 MSD	Matrix Spike Duplicate	87

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		BFB1								
Lab Sample ID	Client Sample ID	(38-134)								
380-168217-2	TB:MOANALUA WELLS (331-22	74								
LCS 570-619752/4	Lab Control Sample	87								
LCSD 570-619752/5	Lab Control Sample Dup	88								
MB 570-619752/6	Method Blank	77								
MRL 570-619752/3	Lab Control Sample	80								

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)								
380-168217-1	MOANALUA WELLS (331-223-T	111								

Surrogate Legend

OTCSN = n-Octacosane (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)								
380-168000-C-1-A MS	Matrix Spike	99								
380-168000-C-1-B MSD	Matrix Spike Duplicate	111								
LCS 570-618766/2-A	Lab Control Sample	101								
LCSD 570-618766/3-A	Lab Control Sample Dup	103								
MB 570-618766/1-A	Method Blank	112								
MRL 570-618766/4-A	Lab Control Sample	87								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-170954/19-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170954

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2,4'-DDD	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2,4'-DDE	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2,4'-DDT	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
2-Methylnaphthalene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
4,4'-DDD	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
4,4'-DDE	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
4,4'-DDT	<0.099	^3+	0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Acenaphthene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Acenaphthylene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Acetochlor	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Alachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
alpha-BHC	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
alpha-Chlordane	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Anthracene	<0.020		0.020		ug/L		08/27/25 14:18	08/28/25 14:57	1
Atrazine	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Benz(a)anthracene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Benzo[a]pyrene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 14:57	1
Benzo[b]fluoranthene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 14:57	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Benzo[k]fluoranthene	<0.020	^3+	0.020		ug/L		08/27/25 14:18	08/28/25 14:57	1
beta-BHC	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		08/27/25 14:18	08/28/25 14:57	1
Bromacil	<0.099	^3+	0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Butachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Butylbenzylphthalate	<0.49	^3+	0.49		ug/L		08/27/25 14:18	08/28/25 14:57	1
Chlorobenzilate	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Chloroneb	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Chlorpyrifos	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Chrysene	<0.020		0.020		ug/L		08/27/25 14:18	08/28/25 14:57	1
delta-BHC	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		08/27/25 14:18	08/28/25 14:57	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Dieldrin	<0.0099	^3+	0.0099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Diethylphthalate	<0.49		0.49		ug/L		08/27/25 14:18	08/28/25 14:57	1
Dimethylphthalate	<0.49		0.49		ug/L		08/27/25 14:18	08/28/25 14:57	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		08/27/25 14:18	08/28/25 14:57	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Endosulfan sulfate	<0.099	^3+	0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Endrin	<0.0099		0.0099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Endrin aldehyde	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
EPTC	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1

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

Lab Sample ID: MB 380-170954/19-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 170954

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Fluorene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
gamma-Chlordane	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Heptachlor	<0.0099		0.0099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Heptachlor epoxide (isomer B)	<0.0099	^3+	0.0099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Hexachlorobenzene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Isophorone	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Lindane	<0.0099		0.0099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Malathion	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Methoxychlor	<0.049	^3+	0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Metolachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Molinate	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Naphthalene	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Parathion	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Phenanthrene	<0.039		0.039		ug/L		08/27/25 14:18	08/28/25 14:57	1
Propachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Pyrene	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Simazine	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Terbacil	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Terbuthylazine	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Thiobencarb	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		08/27/25 14:18	08/28/25 14:57	1
trans-Nonachlor	<0.049		0.049		ug/L		08/27/25 14:18	08/28/25 14:57	1
Trifluralin	<0.099		0.099		ug/L		08/27/25 14:18	08/28/25 14:57	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-	*1.11*	*T N J*	*ug/L*		*2.55*	*1000154-28-6*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
Decane	*2.31*	*T J N*	*ug/L*		*2.81*	*124-18-5*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
9-Octadecenamide, (Z)-	*4.34*	*T N J*	*ug/L*		*7.96*	*301-02-0*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
9-Octadecenamide, (Z)-	*1.09*	*T J N*	*ug/L*		*10.52*	*301-02-0*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
Unknown	*0.737*	*T J*	*ug/L*		*15.68*	*N/A*	*08/27/25 14:18*	*08/28/25 14:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*94*		*70 - 130*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
Perylene-d12	*92*		*70 - 130*	*08/27/25 14:18*	*08/28/25 14:57*	*1*
Triphenylphosphate	*112*		*70 - 130*	*08/27/25 14:18*	*08/28/25 14:57*	*1*

Lab Sample ID: LCS 380-170954/21-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	1.95		ug/L		99	70 - 130		
2,4'-DDD			1.97	2.13		ug/L		108	70 - 130		

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

Lab Sample ID: LCS 380-170954/21-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDE	1.97	2.17		ug/L		110	70 - 130
2,4'-DDT	1.97	2.10		ug/L		106	70 - 130
2,4-Dinitrotoluene	1.97	1.80		ug/L		91	70 - 130
2,6-Dinitrotoluene	1.97	1.91		ug/L		97	70 - 130
2-Methylnaphthalene	1.97	1.97		ug/L		100	70 - 130
4,4'-DDD	1.97	2.11		ug/L		107	70 - 130
4,4'-DDE	1.97	2.18		ug/L		111	70 - 130
4,4'-DDT	1.97	2.16		ug/L		109	70 - 130
Acenaphthene	1.97	1.95		ug/L		99	70 - 130
Acenaphthylene	1.97	1.76		ug/L		89	70 - 130
Acetochlor	1.97	2.01		ug/L		102	70 - 130
Alachlor	1.97	2.18		ug/L		111	70 - 130
alpha-BHC	1.97	2.07		ug/L		105	70 - 130
alpha-Chlordane	1.97	2.15		ug/L		109	70 - 130
Anthracene	1.97	1.86		ug/L		95	70 - 130
Atrazine	1.97	2.13		ug/L		108	70 - 130
Benz(a)anthracene	1.97	2.07		ug/L		105	70 - 130
Benzo[a]pyrene	1.97	2.19		ug/L		111	70 - 130
Benzo[b]fluoranthene	1.97	2.14		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.97	2.18		ug/L		111	70 - 130
Benzo[k]fluoranthene	1.97	2.22		ug/L		113	70 - 130
beta-BHC	1.97	2.07		ug/L		105	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	1.96		ug/L		100	70 - 130
Bromacil	1.97	2.04		ug/L		104	70 - 130
Butachlor	1.97	2.13		ug/L		108	70 - 130
Butylbenzylphthalate	1.97	2.46		ug/L		125	70 - 130
Chlorobenzilate	1.97	2.01		ug/L		102	70 - 130
Chloroneb	1.97	2.01		ug/L		102	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.05		ug/L		104	70 - 130
Chlorpyrifos	1.97	1.99		ug/L		101	70 - 130
Chrysene	1.97	2.10		ug/L		107	70 - 130
delta-BHC	1.97	2.01		ug/L		102	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.27		ug/L		115	70 - 130
Dibenz(a,h)anthracene	1.97	2.16		ug/L		110	70 - 130
Diclorvos (DDVP)	1.97	2.00		ug/L		102	70 - 130
Dieldrin	1.97	2.16		ug/L		110	70 - 130
Diethylphthalate	1.97	2.04		ug/L		103	70 - 130
Dimethylphthalate	1.97	2.06		ug/L		104	70 - 130
Di-n-butyl phthalate	3.94	4.42		ug/L		112	70 - 130
Di-n-octyl phthalate	1.97	2.00		ug/L		101	70 - 130
Endosulfan I (Alpha)	1.97	1.96		ug/L		100	70 - 130
Endosulfan II (Beta)	1.97	2.06		ug/L		104	70 - 130
Endosulfan sulfate	1.97	2.13		ug/L		108	70 - 130
Endrin	1.97	2.35		ug/L		119	70 - 130
Endrin aldehyde	1.97	2.19		ug/L		111	60 - 130
EPTC	1.97	2.06		ug/L		105	70 - 130
Fluoranthene	1.97	2.12		ug/L		108	70 - 130
Fluorene	1.97	2.12		ug/L		107	70 - 130
gamma-Chlordane	1.97	2.19		ug/L		111	70 - 130

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

Lab Sample ID: LCS 380-170954/21-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	1.97	2.27		ug/L		116	70 - 130
Heptachlor epoxide (isomer B)	1.97	2.20		ug/L		112	70 - 130
Hexachlorobenzene	1.97	2.08		ug/L		105	70 - 130
Hexachlorocyclopentadiene	1.97	2.01		ug/L		102	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.28		ug/L		116	70 - 130
Isophorone	1.97	1.93		ug/L		98	70 - 130
Lindane	1.97	2.22		ug/L		113	70 - 130
Malathion	1.97	2.05		ug/L		104	70 - 130
Methoxychlor	1.97	2.02		ug/L		103	70 - 130
Metolachlor	1.97	2.07		ug/L		105	70 - 130
Molinate	1.97	2.16		ug/L		110	70 - 130
Naphthalene	1.97	1.86		ug/L		95	70 - 130
Parathion	1.97	2.02		ug/L		103	70 - 130
Pendimethalin (Penoxaline)	1.97	2.21		ug/L		112	70 - 130
Phenanthrene	1.97	2.03		ug/L		103	70 - 130
Propachlor	1.97	2.25		ug/L		114	70 - 130
Pyrene	1.97	2.06		ug/L		104	70 - 130
Simazine	1.97	2.15		ug/L		109	70 - 130
Terbacil	1.97	2.07		ug/L		105	70 - 130
Terbuthylazine	1.97	2.15		ug/L		109	70 - 130
Thiobencarb	1.97	2.01		ug/L		102	70 - 130
trans-Nonachlor	1.97	2.25		ug/L		114	70 - 130
Trifluralin	1.97	2.03		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*100*		*70 - 130*
Triphenylphosphate	*116*		*70 - 130*

Lab Sample ID: LCSD 380-170954/22-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.97	1.95		ug/L		99	70 - 130	0	20
2,4'-DDD	1.97	2.13		ug/L		109	70 - 130	0	20
2,4'-DDE	1.97	2.18		ug/L		111	70 - 130	1	20
2,4'-DDT	1.97	2.12		ug/L		108	70 - 130	1	20
2,4-Dinitrotoluene	1.97	1.84		ug/L		94	70 - 130	2	20
2,6-Dinitrotoluene	1.97	1.99		ug/L		101	70 - 130	4	20
2-Methylnaphthalene	1.97	1.99		ug/L		101	70 - 130	1	20
4,4'-DDD	1.97	2.12		ug/L		108	70 - 130	1	20
4,4'-DDE	1.97	2.20		ug/L		112	70 - 130	1	20
4,4'-DDT	1.97	2.17		ug/L		110	70 - 130	0	20
Acenaphthene	1.97	1.95		ug/L		99	70 - 130	0	20
Acenaphthylene	1.97	1.82		ug/L		92	70 - 130	3	20
Acetochlor	1.97	2.00		ug/L		102	70 - 130	0	20
Alachlor	1.97	2.21		ug/L		112	70 - 130	1	20

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

Lab Sample ID: LCSD 380-170954/22-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170954

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC			1.97	2.05		ug/L		104	70 - 130	1	20
alpha-Chlordane			1.97	2.14		ug/L		109	70 - 130	0	20
Anthracene			1.97	1.90		ug/L		97	70 - 130	2	20
Atrazine			1.97	2.22		ug/L		113	70 - 130	4	20
Benz(a)anthracene			1.97	2.06		ug/L		105	70 - 130	0	20
Benzo[a]pyrene			1.97	2.15		ug/L		109	70 - 130	2	20
Benzo[b]fluoranthene			1.97	2.07		ug/L		105	70 - 130	3	20
Benzo[g,h,i]perylene			1.97	2.08		ug/L		106	70 - 130	5	20
Benzo[k]fluoranthene			1.97	2.12		ug/L		108	70 - 130	5	20
beta-BHC			1.97	2.12		ug/L		108	70 - 130	3	20
Bis(2-ethylhexyl) phthalate			1.97	2.04		ug/L		104	70 - 130	4	20
Bromacil			1.97	2.15		ug/L		109	70 - 130	5	20
Butachlor			1.97	2.13		ug/L		108	70 - 130	0	20
Butylbenzylphthalate			1.97	2.48		ug/L		126	70 - 130	1	20
Chlorobenzilate			1.97	2.07		ug/L		105	70 - 130	3	20
Chloroneb			1.97	2.01		ug/L		102	70 - 130	0	20
Chlorothalonil (Draconil, Bravo)			1.97	2.14		ug/L		109	70 - 130	4	20
Chlorpyrifos			1.97	1.97		ug/L		100	70 - 130	1	20
Chrysene			1.97	2.11		ug/L		107	70 - 130	0	20
delta-BHC			1.97	2.07		ug/L		105	70 - 130	3	20
Di(2-ethylhexyl)adipate			1.97	2.36		ug/L		120	70 - 130	4	20
Dibenz(a,h)anthracene			1.97	2.11		ug/L		108	70 - 130	2	20
Diclorvos (DDVP)			1.97	2.07		ug/L		105	70 - 130	3	20
Dieldrin			1.97	2.15		ug/L		110	70 - 130	1	20
Diethylphthalate			1.97	2.05		ug/L		104	70 - 130	1	20
Dimethylphthalate			1.97	2.08		ug/L		106	70 - 130	1	20
Di-n-butyl phthalate			3.93	4.52		ug/L		115	70 - 130	2	20
Di-n-octyl phthalate			1.97	2.12		ug/L		108	70 - 130	6	20
Endosulfan I (Alpha)			1.97	1.97		ug/L		100	70 - 130	1	20
Endosulfan II (Beta)			1.97	2.11		ug/L		107	70 - 130	2	20
Endosulfan sulfate			1.97	2.11		ug/L		107	70 - 130	1	20
Endrin			1.97	2.34		ug/L		119	70 - 130	1	20
Endrin aldehyde			1.97	2.28		ug/L		116	60 - 130	4	20
EPTC			1.97	2.06		ug/L		105	70 - 130	0	20
Fluoranthene			1.97	2.15		ug/L		109	70 - 130	1	20
Fluorene			1.97	2.13		ug/L		108	70 - 130	1	20
gamma-Chlordane			1.97	2.21		ug/L		112	70 - 130	1	20
Heptachlor			1.97	2.24		ug/L		114	70 - 130	2	20
Heptachlor epoxide (isomer B)			1.97	2.23		ug/L		113	70 - 130	1	20
Hexachlorobenzene			1.97	2.06		ug/L		105	70 - 130	1	20
Hexachlorocyclopentadiene			1.97	2.10		ug/L		107	70 - 130	4	20
Indeno[1,2,3-cd]pyrene			1.97	2.23		ug/L		113	70 - 130	2	20
Isophorone			1.97	1.99		ug/L		101	70 - 130	3	20
Lindane			1.97	2.24		ug/L		114	70 - 130	1	20
Malathion			1.97	2.06		ug/L		105	70 - 130	0	20
Methoxychlor			1.97	2.00		ug/L		102	70 - 130	1	20
Metolachlor			1.97	2.09		ug/L		106	70 - 130	1	20
Molinate			1.97	2.13		ug/L		108	70 - 130	1	20
Naphthalene			1.97	1.89		ug/L		96	70 - 130	1	20

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

Lab Sample ID: LCSD 380-170954/22-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Parathion	1.97	2.10		ug/L		107	70 - 130	4	20
Pendimethalin (Penoxaline)	1.97	2.22		ug/L		113	70 - 130	1	20
Phenanthrene	1.97	2.05		ug/L		104	70 - 130	1	20
Propachlor	1.97	2.27		ug/L		116	70 - 130	1	20
Pyrene	1.97	2.10		ug/L		107	70 - 130	2	20
Simazine	1.97	2.23		ug/L		113	70 - 130	3	20
Terbacil	1.97	2.21		ug/L		113	70 - 130	7	20
Terbuthylazine	1.97	2.18		ug/L		111	70 - 130	1	20
Thiobencarb	1.97	2.04		ug/L		104	70 - 130	1	20
trans-Nonachlor	1.97	2.21		ug/L		112	70 - 130	2	20
Trifluralin	1.97	2.04		ug/L		104	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*100*		*70 - 130*
Triphenylphosphate	*117*		*70 - 130*

Lab Sample ID: MRL 380-170954/20-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0985	0.114		ug/L		116	50 - 150
2,4'-DDD	0.0985	0.115		ug/L		117	50 - 150
2,4'-DDE	0.0985	0.118		ug/L		120	50 - 150
2,4'-DDT	0.0985	0.137		ug/L		139	50 - 150
2,4-Dinitrotoluene	0.0985	0.109		ug/L		110	50 - 150
2,6-Dinitrotoluene	0.0985	0.117		ug/L		119	50 - 150
2-Methylnaphthalene	0.0985	0.107		ug/L		109	50 - 150
4,4'-DDD	0.0985	0.141		ug/L		143	50 - 150
4,4'-DDE	0.0985	0.122		ug/L		124	50 - 150
4,4'-DDT	0.0985	0.152	^3+	ug/L		154	50 - 150
Acenaphthene	0.0985	0.0993		ug/L		101	50 - 150
Acenaphthylene	0.0985	0.0918	J	ug/L		93	50 - 150
Acetochlor	0.0985	0.136		ug/L		138	50 - 150
Alachlor	0.0492	0.0603		ug/L		123	50 - 150
alpha-BHC	0.0985	0.115		ug/L		117	50 - 150
alpha-Chlordane	0.0246	0.0365	J	ug/L		148	50 - 150
Anthracene	0.0197	0.0264		ug/L		134	50 - 150
Atrazine	0.0492	0.0734		ug/L		149	50 - 150
Benz(a)anthracene	0.0492	0.0601		ug/L		122	50 - 150
Benzo[a]pyrene	0.0197	0.0315	^3+	ug/L		160	50 - 150
Benzo[b]fluoranthene	0.0197	0.0305	^3+	ug/L		155	50 - 150
Benzo[g,h,i]perylene	0.0492	0.0604		ug/L		123	50 - 150
Benzo[k]fluoranthene	0.0197	0.0297	^3+	ug/L		151	50 - 150
beta-BHC	0.0985	0.132		ug/L		134	50 - 150
Bis(2-ethylhexyl) phthalate	0.591	0.664		ug/L		112	50 - 150
Bromacil	0.0985	0.153	^3+	ug/L		156	50 - 150

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

Lab Sample ID: MRL 380-170954/20-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	0.0492	0.0716		ug/L		146	50 - 150
Butylbenzylphthalate	0.492	0.775	^3+	ug/L		157	50 - 150
Chlorobenzilate	0.0985	0.124		ug/L		126	50 - 150
Chloroneb	0.0985	0.112		ug/L		114	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0985	0.118		ug/L		120	50 - 150
Chlorpyrifos	0.0492	0.0683		ug/L		139	50 - 150
Chrysene	0.0197	0.0223		ug/L		113	50 - 150
delta-BHC	0.0985	0.112		ug/L		113	50 - 150
Di(2-ethylhexyl)adipate	0.591	0.825		ug/L		140	50 - 150
Dibenz(a,h)anthracene	0.0492	0.0614		ug/L		125	50 - 150
Diclorvos (DDVP)	0.0492	0.0626		ug/L		127	50 - 150
Dieldrin	0.00985	0.0156	^3+	ug/L		159	50 - 150
Diethylphthalate	0.492	0.576		ug/L		117	50 - 150
Dimethylphthalate	0.492	0.568		ug/L		115	50 - 150
Di-n-butyl phthalate	0.492	0.757	J	ug/L		154	49 - 243
Di-n-octyl phthalate	0.0985	0.102		ug/L		104	50 - 150
Endosulfan I (Alpha)	0.0985	0.102		ug/L		104	50 - 150
Endosulfan II (Beta)	0.0985	0.120		ug/L		122	50 - 150
Endosulfan sulfate	0.0985	0.151	^3+	ug/L		153	50 - 150
Endrin	0.00985	0.0140		ug/L		142	50 - 150
Endrin aldehyde	0.0985	0.142		ug/L		144	50 - 150
EPTC	0.0985	0.101		ug/L		102	50 - 150
Fluoranthene	0.0985	0.124		ug/L		126	50 - 150
Fluorene	0.0492	0.0601		ug/L		122	50 - 150
gamma-Chlordane	0.0246	0.0325	J	ug/L		132	50 - 150
Heptachlor	0.00985	0.0120		ug/L		121	50 - 150
Heptachlor epoxide (isomer B)	0.00985	0.0157	^3+	ug/L		159	50 - 150
Hexachlorobenzene	0.0492	0.0573		ug/L		116	50 - 150
Hexachlorocyclopentadiene	0.0492	0.0529		ug/L		107	50 - 150
Indeno[1,2,3-cd]pyrene	0.0492	0.0689		ug/L		140	50 - 150
Isophorone	0.0985	0.130		ug/L		132	50 - 150
Lindane	0.00985	0.0123		ug/L		125	50 - 150
Malathion	0.0985	0.127		ug/L		129	50 - 150
Methoxychlor	0.0492	0.0748	^3+	ug/L		152	50 - 150
Metolachlor	0.0492	0.0713		ug/L		145	50 - 150
Molinate	0.0985	0.113		ug/L		115	50 - 150
Naphthalene	0.0985	0.104		ug/L		106	50 - 150
Parathion	0.0985	0.111		ug/L		113	50 - 150
Pendimethalin (Penoxaline)	0.0985	0.119		ug/L		121	50 - 150
Phenanthrene	0.0394	0.0460		ug/L		117	50 - 150
Propachlor	0.0492	0.0631		ug/L		128	50 - 150
Pyrene	0.0492	0.0633		ug/L		129	50 - 150
Simazine	0.0492	0.0623		ug/L		127	50 - 150
Terbacil	0.0985	0.126		ug/L		128	50 - 150
Terbuthylazine	0.0985	0.129		ug/L		131	50 - 150
Thiobencarb	0.0985	0.127		ug/L		129	50 - 150
trans-Nonachlor	0.0246	0.0338	J	ug/L		137	50 - 150
Trifluralin	0.0985	0.117		ug/L		118	50 - 150

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

Lab Sample ID: MRL 380-170954/20-A
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 170954

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	96		70 - 130
Perylene-d12	93		70 - 130
Triphenylphosphate	120		70 - 130

Lab Sample ID: 380-168205-I-1-A MS
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.97	1.92		ug/L		97	70 - 130
2,4'-DDD	<0.098		1.97	2.02		ug/L		102	70 - 130
2,4'-DDE	<0.098		1.97	2.07		ug/L		105	70 - 130
2,4'-DDT	<0.098		1.97	2.02		ug/L		102	70 - 130
2,4-Dinitrotoluene	<0.098		1.97	2.00		ug/L		102	70 - 130
2,6-Dinitrotoluene	<0.098		1.97	2.10		ug/L		107	70 - 130
2-Methylnaphthalene	<0.098		1.97	1.90		ug/L		97	70 - 130
4,4'-DDD	<0.098		1.97	2.03		ug/L		103	70 - 130
4,4'-DDE	<0.098		1.97	1.99		ug/L		101	70 - 130
4,4'-DDT	<0.098		1.97	2.05		ug/L		104	70 - 130
Acenaphthene	<0.098		1.97	1.95		ug/L		99	70 - 130
Acenaphthylene	<0.098		1.97	1.91		ug/L		97	70 - 130
Acetochlor	<0.098		1.97	2.03		ug/L		103	70 - 130
Alachlor	<0.049		1.97	2.22		ug/L		113	70 - 130
alpha-BHC	<0.098		1.97	2.08		ug/L		106	70 - 130
alpha-Chlordane	<0.049		1.97	1.96		ug/L		98	70 - 130
Anthracene	<0.020		1.97	1.21	F1	ug/L		61	70 - 130
Atrazine	<0.049		1.97	2.14		ug/L		109	70 - 130
Benz(a)anthracene	<0.049		1.97	1.88		ug/L		95	70 - 130
Benzo[a]pyrene	<0.020		1.97	2.13		ug/L		108	70 - 130
Benzo[b]fluoranthene	<0.020		1.97	2.17		ug/L		110	70 - 130
Benzo[g,h,i]perylene	<0.049		1.97	2.16		ug/L		110	70 - 130
Benzo[k]fluoranthene	<0.020		1.97	2.14		ug/L		109	70 - 130
beta-BHC	<0.098		1.97	2.17		ug/L		110	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.97	2.12		ug/L		108	70 - 130
Bromacil	<0.098		1.97	2.23		ug/L		109	70 - 130
Butachlor	<0.049		1.97	2.17		ug/L		110	70 - 130
Butylbenzylphthalate	<0.49		1.97	2.47		ug/L		125	70 - 130
Chlorobenzilate	<0.098		1.97	2.13		ug/L		108	70 - 130
Chloroneb	<0.098		1.97	1.98		ug/L		100	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	1.97		ug/L		100	70 - 130
Chlorpyrifos	<0.049		1.97	1.98		ug/L		101	70 - 130
Chrysene	<0.020		1.97	2.09		ug/L		106	70 - 130
delta-BHC	<0.098		1.97	2.10		ug/L		106	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.97	2.30		ug/L		117	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	2.13		ug/L		108	70 - 130
Diclorvos (DDVP)	<0.049		1.97	2.09		ug/L		106	70 - 130
Dieldrin	0.042		1.97	2.06		ug/L		103	70 - 130
Diethylphthalate	<0.49		1.97	2.06		ug/L		104	70 - 130

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

Lab Sample ID: 380-168205-I-1-A MS
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethylphthalate	<0.49		1.97	2.09		ug/L		106	70 - 130
Di-n-butyl phthalate	<0.98		3.94	4.49		ug/L		114	70 - 130
Di-n-octyl phthalate	<0.098		1.97	2.19		ug/L		111	70 - 130
Endosulfan I (Alpha)	<0.098		1.97	2.05		ug/L		104	70 - 130
Endosulfan II (Beta)	<0.098		1.97	2.12		ug/L		107	70 - 130
Endosulfan sulfate	<0.098		1.97	1.95		ug/L		99	70 - 130
Endrin	<0.0098		1.97	2.20		ug/L		112	70 - 130
Endrin aldehyde	<0.098		1.97	1.70		ug/L		86	60 - 130
EPTC	<0.098		1.97	2.05		ug/L		104	70 - 130
Fluoranthene	<0.098		1.97	2.15		ug/L		108	70 - 130
Fluorene	<0.049		1.97	2.12		ug/L		108	70 - 130
gamma-Chlordane	<0.049		1.97	2.03		ug/L		102	70 - 130
Heptachlor	<0.0098		1.97	2.09		ug/L		106	70 - 130
Heptachlor epoxide (isomer B)	0.012		1.97	2.13		ug/L		108	70 - 130
Hexachlorobenzene	<0.049		1.97	2.01		ug/L		102	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	1.97		ug/L		100	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.26		ug/L		115	70 - 130
Isophorone	<0.098		1.97	1.94		ug/L		99	70 - 130
Lindane	<0.0098		1.97	2.18		ug/L		111	70 - 130
Malathion	<0.098		1.97	2.05		ug/L		104	70 - 130
Methoxychlor	<0.049		1.97	2.06		ug/L		104	70 - 130
Metolachlor	<0.049		1.97	2.08		ug/L		106	70 - 130
Molinate	<0.098		1.97	2.14		ug/L		109	70 - 130
Naphthalene	<0.098		1.97	1.82		ug/L		93	70 - 130
Parathion	<0.098		1.97	2.11		ug/L		107	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.97	2.12		ug/L		108	70 - 130
Phenanthrene	<0.039		1.97	2.04		ug/L		103	70 - 130
Propachlor	<0.049		1.97	2.29		ug/L		116	70 - 130
Pyrene	<0.049		1.97	2.06		ug/L		104	70 - 130
Simazine	<0.049		1.97	2.22		ug/L		113	70 - 130
Terbacil	<0.098		1.97	2.24		ug/L		114	70 - 130
Terbuthylazine	<0.098		1.97	2.16		ug/L		110	70 - 130
Thiobencarb	<0.098		1.97	2.03		ug/L		103	70 - 130
trans-Nonachlor	<0.049		1.97	2.11		ug/L		106	70 - 130
Trifluralin	<0.098		1.97	1.89		ug/L		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*95*		*70 - 130*
Perylene-d12	*101*		*70 - 130*
Triphenylphosphate	*106*		*70 - 130*

Lab Sample ID: 380-168209-I-1-A DU
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1-Methylnaphthalene	<0.099		<0.098		ug/L		NC	20
2,4'-DDD	<0.099		<0.098		ug/L		NC	20

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

Lab Sample ID: 380-168209-I-1-A DU
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2,4'-DDE	<0.099			<0.098		ug/L				NC	20
2,4'-DDT	<0.099			<0.098		ug/L				NC	20
2,4-Dinitrotoluene	<0.099			<0.098		ug/L				NC	20
2,6-Dinitrotoluene	<0.099			<0.098		ug/L				NC	20
2-Methylnaphthalene	<0.099			<0.098		ug/L				NC	20
4,4'-DDD	<0.099			<0.098		ug/L				NC	20
4,4'-DDE	<0.099			<0.098		ug/L				NC	20
4,4'-DDT	<0.099	^3+		<0.098		ug/L				NC	20
Acenaphthene	<0.099			<0.098		ug/L				NC	20
Acenaphthylene	<0.099			<0.098		ug/L				NC	20
Acetochlor	<0.099			<0.098		ug/L				NC	20
Alachlor	<0.049			<0.049		ug/L				NC	20
alpha-BHC	<0.099			<0.098		ug/L				NC	20
alpha-Chlordane	<0.049			<0.049		ug/L				NC	20
Anthracene	<0.020			<0.020		ug/L				NC	20
Atrazine	<0.049			<0.049		ug/L				NC	20
Benz(a)anthracene	<0.049			<0.049		ug/L				NC	20
Benzo[a]pyrene	<0.020	^3+		<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.020	^3+		<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.049			<0.049		ug/L				NC	20
Benzo[k]fluoranthene	<0.020	^3+		<0.020		ug/L				NC	20
beta-BHC	<0.099			<0.098		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.59			<0.59		ug/L				NC	20
Bromacil	<0.099	^3+		<0.098		ug/L				NC	20
Butachlor	<0.049			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.49	^3+		<0.49		ug/L				NC	20
Chlorobenzilate	<0.099			<0.098		ug/L				NC	20
Chloroneb	<0.099			<0.098		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.099			<0.098		ug/L				NC	20
Chlorpyrifos	<0.049			<0.049		ug/L				NC	20
Chrysene	<0.020			<0.020		ug/L				NC	20
delta-BHC	<0.099			<0.098		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.59			<0.59		ug/L				NC	20
Dibenz(a,h)anthracene	<0.049			<0.049		ug/L				NC	20
Diclorvos (DDVP)	<0.049			<0.049		ug/L				NC	20
Dieldrin	<0.0099	^3+		<0.0098		ug/L				NC	20
Diethylphthalate	<0.49			<0.49		ug/L				NC	20
Dimethylphthalate	<0.49			<0.49		ug/L				NC	20
Di-n-butyl phthalate	<0.99			<0.98		ug/L				NC	20
Di-n-octyl phthalate	<0.099			<0.098		ug/L				NC	20
Endosulfan I (Alpha)	<0.099			<0.098		ug/L				NC	20
Endosulfan II (Beta)	<0.099			<0.098		ug/L				NC	20
Endosulfan sulfate	<0.099	^3+		<0.098		ug/L				NC	20
Endrin	<0.0099			<0.0098		ug/L				NC	20
Endrin aldehyde	<0.099			<0.098		ug/L				NC	20
EPTC	<0.099			<0.098		ug/L				NC	20
Fluoranthene	<0.099			<0.098		ug/L				NC	20
Fluorene	<0.049			<0.049		ug/L				NC	20
gamma-Chlordane	<0.049			<0.049		ug/L				NC	20

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

Lab Sample ID: 380-168209-I-1-A DU
Matrix: Water
Analysis Batch: 171145

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 170954

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Heptachlor	<0.0099			<0.0098		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0099	^3+		<0.0098		ug/L				NC	20
Hexachlorobenzene	<0.049			<0.049		ug/L				NC	20
Hexachlorocyclopentadiene	<0.049			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.049			<0.049		ug/L				NC	20
Isophorone	<0.099			<0.098		ug/L				NC	20
Lindane	<0.0099			<0.0098		ug/L				NC	20
Malathion	<0.099			<0.098		ug/L				NC	20
Methoxychlor	<0.049	^3+		<0.049		ug/L				NC	20
Metolachlor	<0.049			<0.049		ug/L				NC	20
Molinate	<0.099			<0.098		ug/L				NC	20
Naphthalene	<0.099			<0.098		ug/L				NC	20
Parathion	<0.099			<0.098		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.099			<0.098		ug/L				NC	20
Phenanthrene	<0.040			<0.039		ug/L				NC	20
Propachlor	<0.049			<0.049		ug/L				NC	20
Pyrene	<0.049			<0.049		ug/L				NC	20
Simazine	<0.049			<0.049		ug/L				NC	20
Terbacil	<0.099			<0.098		ug/L				NC	20
Terbuthylazine	<0.099			<0.098		ug/L				NC	20
Thiobencarb	<0.099			<0.098		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.20			<0.20		ug/L				NC	20
trans-Nonachlor	<0.049			<0.049		ug/L				NC	20
Trifluralin	<0.099			<0.098		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*94*		*70 - 130*
Perylene-d12	*89*		*70 - 130*
Triphenylphosphate	*116*		*70 - 130*

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

Lab Sample ID: MB 570-617934/1-A
Matrix: Water
Analysis Batch: 623413

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 617934

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*	*08/28/25 08:30*	*09/10/25 10:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*33 - 139*	*08/28/25 08:30*	*09/10/25 10:00*	*1*
2-Fluorobiphenyl (Surr)	*79*		*33 - 126*	*08/28/25 08:30*	*09/10/25 10:00*	*1*
2-Fluorophenol (Surr)	*52*		*12 - 120*	*08/28/25 08:30*	*09/10/25 10:00*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 120*	*08/28/25 08:30*	*09/10/25 10:00*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*08/28/25 08:30*	*09/10/25 10:00*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 131*	*08/28/25 08:30*	*09/10/25 10:00*	*1*

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

Lab Sample ID: MB 570-617934/1-A
Matrix: Water
Analysis Batch: 619301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 617934

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Acenaphthene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Acenaphthylene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Anthracene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Benzo[a]anthracene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Benzo[a]pyrene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Chrysene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Fluoranthene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Fluorene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Naphthalene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Phenanthrene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1
Pyrene	<0.20		0.20		ug/L		08/28/25 08:30	08/30/25 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*28 - 127*	*08/28/25 08:30*	*08/30/25 16:13*	*1*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*	*08/28/25 08:30*	*08/30/25 16:13*	*1*
2-Fluorophenol (Surr)	*53*		*17 - 120*	*08/28/25 08:30*	*08/30/25 16:13*	*1*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*	*08/28/25 08:30*	*08/30/25 16:13*	*1*
Phenol-d6 (Surr)	*32*		*10 - 120*	*08/28/25 08:30*	*08/30/25 16:13*	*1*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*	*08/28/25 08:30*	*08/30/25 16:13*	*1*

Lab Sample ID: LCS 570-617934/2-A
Matrix: Water
Analysis Batch: 619301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 617934

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	16.3		ug/L		82	47 - 120
2-Methylnaphthalene	20.0	16.0		ug/L		80	43 - 120
Acenaphthene	20.0	19.6		ug/L		98	60 - 132
Acenaphthylene	20.0	20.3		ug/L		102	54 - 126
Anthracene	20.0	19.4		ug/L		97	43 - 120
Benzo[a]anthracene	20.0	19.2		ug/L		96	42 - 133
Benzo[a]pyrene	20.0	20.6		ug/L		103	32 - 148
Benzo[b]fluoranthene	20.0	20.1		ug/L		101	42 - 140
Benzo[g,h,i]perylene	20.0	20.9		ug/L		104	1 - 195
Benzo[k]fluoranthene	20.0	20.4		ug/L		102	25 - 146
Chrysene	20.0	19.8		ug/L		99	44 - 140
Dibenz(a,h)anthracene	20.0	21.6		ug/L		108	1 - 200
Fluoranthene	20.0	20.2		ug/L		101	43 - 121
Fluorene	20.0	20.1		ug/L		100	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	19.7		ug/L		99	1 - 151
Naphthalene	20.0	16.1		ug/L		81	36 - 120

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

Lab Sample ID: LCS 570-617934/2-A
Matrix: Water
Analysis Batch: 619301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 617934

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	19.4		ug/L		97	65 - 120		
Pyrene			20.0	19.5		ug/L		98	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*28 - 127*
2-Fluorobiphenyl (Surr)	*75*		*31 - 120*
2-Fluorophenol (Surr)	*53*		*17 - 120*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*72*		*45 - 120*

Lab Sample ID: LCSD 570-617934/3-A
Matrix: Water
Analysis Batch: 619301

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 617934

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	16.7		ug/L		84	47 - 120	3	20
2-Methylnaphthalene			20.0	16.6		ug/L		83	43 - 120	4	20
Acenaphthene			20.0	20.4		ug/L		102	60 - 132	4	29
Acenaphthylene			20.0	21.1		ug/L		106	54 - 126	4	45
Anthracene			20.0	20.2		ug/L		101	43 - 120	4	40
Benzo[a]anthracene			20.0	20.4		ug/L		102	42 - 133	6	32
Benzo[a]pyrene			20.0	21.7		ug/L		108	32 - 148	5	43
Benzo[b]fluoranthene			20.0	21.3		ug/L		106	42 - 140	6	43
Benzo[g,h,i]perylene			20.0	22.2		ug/L		111	1 - 195	6	61
Benzo[k]fluoranthene			20.0	21.0		ug/L		105	25 - 146	3	38
Chrysene			20.0	20.8		ug/L		104	44 - 140	5	53
Dibenz(a,h)anthracene			20.0	22.7		ug/L		114	1 - 200	5	75
Fluoranthene			20.0	21.3		ug/L		106	43 - 121	5	40
Fluorene			20.0	21.0		ug/L		105	70 - 120	4	23
Indeno[1,2,3-cd]pyrene			20.0	20.9		ug/L		104	1 - 151	6	60
Naphthalene			20.0	17.1		ug/L		85	36 - 120	6	39
Phenanthrene			20.0	20.4		ug/L		102	65 - 120	5	24
Pyrene			20.0	20.7		ug/L		104	70 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*92*		*28 - 127*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*
2-Fluorophenol (Surr)	*53*		*17 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*77*		*45 - 120*

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

Lab Sample ID: 380-168205-A-1-A MS
Matrix: Water
Analysis Batch: 619556

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 617934

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.3	17.3		ug/L		90	36 - 120
2-Methylnaphthalene	<0.19		19.3	17.4		ug/L		90	32 - 124
Acenaphthene	<0.19		19.3	19.7		ug/L		102	47 - 145
Acenaphthylene	<0.19		19.3	20.1		ug/L		104	33 - 145
Anthracene	<0.19		19.3	19.9		ug/L		103	27 - 133
Benzo[a]anthracene	<0.19		19.3	21.2		ug/L		110	33 - 143
Benzo[a]pyrene	<0.19		19.3	17.4		ug/L		90	17 - 163
Benzo[b]fluoranthene	<0.19		19.3	17.9		ug/L		93	24 - 159
Benzo[g,h,i]perylene	<0.19		19.3	17.4		ug/L		90	1 - 219
Benzo[k]fluoranthene	<0.19		19.3	17.6		ug/L		91	11 - 162
Chrysene	<0.19		19.3	20.4		ug/L		106	17 - 168
Dibenz(a,h)anthracene	<0.19		19.3	17.9		ug/L		93	1 - 227
Fluoranthene	<0.19		19.3	20.5		ug/L		106	26 - 137
Fluorene	<0.19		19.3	20.6		ug/L		106	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.3	16.8		ug/L		87	1 - 171
Naphthalene	<0.19		19.3	16.5		ug/L		86	21 - 133
Phenanthrene	<0.19		19.3	19.5		ug/L		101	54 - 120
Pyrene	<0.19	F1	19.3	24.1	F1	ug/L		125	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*28 - 127*
2-Fluorobiphenyl (Surr)	*75*		*31 - 120*
2-Fluorophenol (Surr)	*59*		*17 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*

Lab Sample ID: 380-168205-A-1-B MSD
Matrix: Water
Analysis Batch: 619556

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 617934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.6	18.3		ug/L		93	36 - 120	5	30
2-Methylnaphthalene	<0.19		19.6	18.2		ug/L		93	32 - 124	5	30
Acenaphthene	<0.19		19.6	21.2		ug/L		108	47 - 145	7	48
Acenaphthylene	<0.19		19.6	21.8		ug/L		111	33 - 145	8	74
Anthracene	<0.19		19.6	21.9		ug/L		112	27 - 133	9	66
Benzo[a]anthracene	<0.19		19.6	22.5		ug/L		115	33 - 143	6	53
Benzo[a]pyrene	<0.19		19.6	20.5		ug/L		104	17 - 163	16	72
Benzo[b]fluoranthene	<0.19		19.6	20.5		ug/L		105	24 - 159	14	71
Benzo[g,h,i]perylene	<0.19		19.6	21.7		ug/L		110	1 - 219	22	97
Benzo[k]fluoranthene	<0.19		19.6	20.8		ug/L		106	11 - 162	17	63
Chrysene	<0.19		19.6	22.1		ug/L		112	17 - 168	8	87
Dibenz(a,h)anthracene	<0.19		19.6	22.1		ug/L		112	1 - 227	21	126
Fluoranthene	<0.19		19.6	21.9		ug/L		111	26 - 137	6	66
Fluorene	<0.19		19.6	21.7		ug/L		111	59 - 121	6	38
Indeno[1,2,3-cd]pyrene	<0.19		19.6	20.6		ug/L		105	1 - 171	20	99
Naphthalene	<0.19		19.6	18.1		ug/L		92	21 - 133	9	65

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

Lab Sample ID: 380-168205-A-1-B MSD
Matrix: Water
Analysis Batch: 619556

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 617934

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19		19.6	21.5		ug/L		109	54 - 120	10	39
Pyrene	<0.19	F1	19.6	25.3	F1	ug/L		129	52 - 120	5	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*
2-Fluorobiphenyl (Surr)	*83*		*31 - 120*
2-Fluorophenol (Surr)	*62*		*17 - 120*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

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

Lab Sample ID: MB 570-619752/6
Matrix: Water
Analysis Batch: 619752

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			09/02/25 15:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*38 - 134*		*09/02/25 15:09*	*1*

Lab Sample ID: LCS 570-619752/4
Matrix: Water
Analysis Batch: 619752

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	357		ug/L		89	78 - 120		

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

Lab Sample ID: LCSD 570-619752/5
Matrix: Water
Analysis Batch: 619752

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	365		ug/L		91	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*38 - 134*

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

Lab Sample ID: MRL 570-619752/3
Matrix: Water
Analysis Batch: 619752

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	8.68	J	ug/L		87	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*80*		*38 - 134*

Lab Sample ID: 380-168205-C-1 MS
Matrix: Water
Analysis Batch: 619752

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	384		ug/L		96	68 - 122		

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

Lab Sample ID: 380-168205-C-1 MSD
Matrix: Water
Analysis Batch: 619752

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	355		ug/L		89	68 - 122	8	18

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

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

Lab Sample ID: MB 570-618766/1-A
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 618766

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		08/29/25 09:40	09/07/25 03:44	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		08/29/25 09:40	09/07/25 03:44	1
C8-C18	<25		25		ug/L		08/29/25 09:40	09/07/25 03:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*60 - 130*	*08/29/25 09:40*	*09/07/25 03:44*	*1*

Lab Sample ID: LCS 570-618766/2-A
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 618766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			2000	2010		ug/L		101	56 - 127		

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

Lab Sample ID: LCS 570-618766/2-A
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 618766

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	101		60 - 130

Lab Sample ID: LCSD 570-618766/3-A
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 618766

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			2000	2130		ug/L		106	56 - 127	6	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	103		60 - 130

Lab Sample ID: MRL 570-618766/4-A
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 618766

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			0.0200	0.0221	J	mg/L		111	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	87		60 - 130

Lab Sample ID: 380-168000-C-1-A MS
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 618766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		2040	2350		ug/L		114	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	99		60 - 130

Lab Sample ID: 380-168000-C-1-B MSD
Matrix: Water
Analysis Batch: 621987

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 618766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		2050	2140		ug/L		103	70 - 130	10	20

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

QC Association Summary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

GC/MS Semi VOA

Prep Batch: 170954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	525.2	
MB 380-170954/19-A	Method Blank	Total/NA	Water	525.2	
LCS 380-170954/21-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-170954/22-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-170954/20-A	Lab Control Sample	Total/NA	Water	525.2	
380-168205-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-168209-I-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 171145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	525.2	170954
MB 380-170954/19-A	Method Blank	Total/NA	Water	525.2	170954
LCS 380-170954/21-A	Lab Control Sample	Total/NA	Water	525.2	170954
LCSD 380-170954/22-A	Lab Control Sample Dup	Total/NA	Water	525.2	170954
MRL 380-170954/20-A	Lab Control Sample	Total/NA	Water	525.2	170954
380-168205-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	170954
380-168209-I-1-A DU	Duplicate	Total/NA	Water	525.2	170954

Prep Batch: 617934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	625.1	
MB 570-617934/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-617934/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-617934/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-168205-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-168205-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 619301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-617934/1-A	Method Blank	Total/NA	Water	625.1 SIM	617934
LCS 570-617934/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	617934
LCSD 570-617934/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	617934

Analysis Batch: 619556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	625.1 SIM	617934
380-168205-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	617934
380-168205-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	617934

Analysis Batch: 623413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	625.1	617934
MB 570-617934/1-A	Method Blank	Total/NA	Water	625.1	617934

GC VOA

Analysis Batch: 619752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	8015B GRO LL	
380-168217-2	TB:MOANALUA WELLS (331-223-TP202)	Total/NA	Water	8015B GRO LL	
MB 570-619752/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 619752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-619752/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-619752/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-619752/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-168205-C-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-168205-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 618766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	3510C	
MB 570-618766/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-618766/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-618766/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-618766/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-168000-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-168000-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 621987

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-168217-1	MOANALUA WELLS (331-223-TP202)	Total/NA	Drinking Water	8015B	618766
MB 570-618766/1-A	Method Blank	Total/NA	Water	8015B	618766
LCS 570-618766/2-A	Lab Control Sample	Total/NA	Water	8015B	618766
LCSD 570-618766/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	618766
MRL 570-618766/4-A	Lab Control Sample	Total/NA	Water	8015B	618766
380-168000-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	618766
380-168000-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	618766

Lab Chronicle

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

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

Lab Sample ID: 380-168217-1
Matrix: Drinking Water
Date Collected: 08/25/25 10:30
Date Received: 08/27/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			170954	IQ42	EA POM	08/27/25 14:18
Total/NA	Analysis	525.2		1	171145	UPAC	EA POM	08/28/25 17:18
Total/NA	Prep	625.1			617934	S4EA	EET CAL 4	08/28/25 08:30
Total/NA	Analysis	625.1		1	623413	PQS1	EET CAL 4	09/10/25 14:50
Total/NA	Prep	625.1			617934	S4EA	EET CAL 4	08/28/25 08:30
Total/NA	Analysis	625.1 SIM		1	619556	PQS1	EET CAL 4	09/02/25 13:03
Total/NA	Analysis	8015B GRO LL		1	619752	A9VE	EET CAL 4	09/03/25 02:25
Total/NA	Prep	3510C			618766	TVD6	EET CAL 4	08/29/25 09:41
Total/NA	Analysis	8015B		1	621987	H6FE	EET CAL 4	09/07/25 09:05

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

Lab Sample ID: 380-168217-2
Matrix: Water
Date Collected: 08/25/25 10:30
Date Received: 08/27/25 10:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	619752	A9VE	EET CAL 4	09/03/25 02:01

Laboratory References:

EA POM = Eurofins Eaton Analytical 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: 380-168217-1
SDG: Weekly: Moanalua Wells

Laboratory: Eurofins Eaton Analytical 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	11-16-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25

Accreditation/Certification Summary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

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	10-11-25

Method Summary

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

Job ID: 380-168217-1
SDG: Weekly: Moanalua Wells

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 Eaton Analytical 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: 380-168217-1
SDG: Weekly: Moanalua Wells

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-168217-1	MOANALUA WELLS (331-223-TP202)	Drinking Water	08/25/25 10:30	08/27/25 10:04	HI0000331
380-168217-2	TB:MOANALUA WELLS (331-223-TP202)	Water	08/25/25 10:30	08/27/25 10:04	

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: bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No: 380-28005-2757 1
Client Contact: Kirk Iwamoto	Phone: +1 808 748 5840	E-Mail: Maria.Lopez@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:

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	526.2_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:		X	X	R	RA	Q	QA	Y	I		
Moanalua Wells	25-Aug-2025	1030	G	Water			2	3	2	2				
Moanalua Wells (Matrix Spike)				Water										
Moanalua Wells (Matrix Spike Duplicate)				Water										
TB: Moanalua Wells	25-Aug-2025	1030		Water				2						

380-168217 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 8838 7784 1437
[redacted]	Date/Time: 26 Aug 2025 1400	Company: HBWS	Received by:	Date/Time: 08/27/25 10:04	Company: EEAP
	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: 751N 2.7°-0.0°=2.7° GEL-FROZEN

Ver: 04/02/2024

9/11/2025

Eurofins Eaton Analytical Pomona
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Pomona, CA 91768-2642
Phone: 626-386-1100

Chain of Custody Record

eurofins | Loc: 380 168217

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-246075.1
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,		Accreditations Required (See note): State - Hawaii		Job #: 380-168217-1
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 9/10/2025			
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			

Analysis Requested

Preservation Codes: -

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_LL/HNL Ranges: C10-C24/C24-C36/C8-C18	625.1_SIM/625_Prep(MOD) Extended PAH List	8015B_GRO_LL/5030C(MOD) GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MOANALUA WELLS (331-223-TP202) (380-168217-1)	8/25/25	10:30 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL
TB:MOANALUA WELLS (331-223-TP202) (380-168217-2)	8/25/25	10:30 Hawaiian	G	Water					X	2	MRLs are needed.

380-168217 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, 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 Eaton Analytical, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Eaton Analytical, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Eaton Analytical, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ 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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Mark Ulrich	8/27/25 1505	EEATP		8-27-25 1206	EEP
Relinquished by:	8-27-25 1614	Company	Received by:	Date/Time: 8/27/25 1614	Company EC
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: 1.9	1.9 IR92

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-168217-1
SDG Number: Weekly: Moanalua Wells

Login Number: 168217
List Number: 1
Creator: Segura, Ryan

List Source: Eurofins Eaton Analytical 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: 380-168217-1
SDG Number: Weekly: Moanalua Wells

Login Number: 168217
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 08/27/25 06:18 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.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.9
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	