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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 2/9/2026 12:13:49 PM

JOB DESCRIPTION

RED-HILL
Weekly: Ka'amilo Wells Pump 1

JOB NUMBER

380-195011-1

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

Definitions/Glossary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
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.

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
380-195011-1

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 1/29/2026 9:52 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

GC/MS Semi VOA
Method 625.1: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-689280. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. 625 Sim

Method 625.1 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-689280. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. 625 Sim

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: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Client Sample ID: Ka'amilo Wells Pump 1 — Lab Sample ID: 380-195011-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.080		0.0099		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.012		0.0099		ug/L	1		525.2	Total/NA

Client Sample ID: TB: Ka'amilo Wells Pump 1 — Lab Sample ID: 380-195011-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Client Sample ID: Ka'amilo Wells Pump 1
Date Collected: 01/26/26 11:10
Date Received: 01/29/26 09:52

Lab Sample ID: 380-195011-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2,4'-DDD	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2,4'-DDE	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2,4'-DDT	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
2-Methylnaphthalene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
4,4'-DDD	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
4,4'-DDE	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
4,4'-DDT	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Acenaphthene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Acenaphthylene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Acetochlor	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Alachlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
alpha-BHC	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
alpha-Chlordane	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Anthracene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 23:03	1
Atrazine	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Benz(a)anthracene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Benzo[a]pyrene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 23:03	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 23:03	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 23:03	1
beta-BHC	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		02/01/26 16:25	02/03/26 23:03	1
Bromacil	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Butachlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Butylbenzylphthalate	<0.50		0.50		ug/L		02/01/26 16:25	02/03/26 23:03	1
Chlorobenzilate	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Chloroneb	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Chlorpyrifos	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Chrysene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 23:03	1
delta-BHC	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		02/01/26 16:25	02/03/26 23:03	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Dieldrin	**0.080**		0.0099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Diethylphthalate	<0.50		0.50		ug/L		02/01/26 16:25	02/03/26 23:03	1
Dimethylphthalate	<0.50		0.50		ug/L		02/01/26 16:25	02/03/26 23:03	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		02/01/26 16:25	02/03/26 23:03	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Endosulfan sulfate	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Endrin	<0.0099		0.0099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Endrin aldehyde	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
EPTC	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Fluoranthene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1

Client Sample ID: Ka'amilo Wells Pump 1
Date Collected: 01/26/26 11:10
Date Received: 01/29/26 09:52

Lab Sample ID: 380-195011-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
gamma-Chlordane	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Heptachlor	<0.0099		0.0099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Heptachlor epoxide (isomer B)	**0.012**		0.0099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Hexachlorobenzene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Isophorone	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Lindane	<0.0099		0.0099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Malathion	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Methoxychlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Metolachlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Molinate	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Naphthalene	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Parathion	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Phenanthrene	<0.040		0.040		ug/L		02/01/26 16:25	02/03/26 23:03	1
Propachlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Pyrene	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Simazine	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Terbacil	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Terbuthylazine	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Thiobencarb	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		02/01/26 16:25	02/03/26 23:03	1
trans-Nonachlor	<0.050		0.050		ug/L		02/01/26 16:25	02/03/26 23:03	1
Trifluralin	<0.099		0.099		ug/L		02/01/26 16:25	02/03/26 23:03	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.56*	*T J*	*ug/L*		*4.60*	*N/A*	*02/01/26 16:25*	*02/03/26 23:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*02/01/26 16:25*	*02/03/26 23:03*	*1*
Perylene-d12	*98*		*70 - 130*	*02/01/26 16:25*	*02/03/26 23:03*	*1*
Triphenylphosphate	*103*		*70 - 130*	*02/01/26 16:25*	*02/03/26 23:03*	*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		01/30/26 12:01	02/04/26 11:13	1
2-Methylnaphthalene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Acenaphthene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Acenaphthylene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Anthracene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Benzo[a]anthracene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Benzo[a]pyrene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Chrysene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Fluoranthene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-195011-1

Date Collected: 01/26/26 11:10
Matrix: Water
Date Received: 01/29/26 09:52

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		01/30/26 12:01	02/04/26 11:13	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Naphthalene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Phenanthrene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1
Pyrene	<0.19		0.19		ug/L		01/30/26 12:01	02/04/26 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*	*01/30/26 12:01*	*02/04/26 11:13*	*1*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*	*01/30/26 12:01*	*02/04/26 11:13*	*1*
2-Fluorophenol (Surr)	*44*		*17 - 120*	*01/30/26 12:01*	*02/04/26 11:13*	*1*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*	*01/30/26 12:01*	*02/04/26 11:13*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*01/30/26 12:01*	*02/04/26 11:13*	*1*
p-Terphenyl-d14 (Surr)	*71*		*45 - 120*	*01/30/26 12:01*	*02/04/26 11:13*	*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*	*01/30/26 12:01*	*02/05/26 09:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*33 - 139*	*01/30/26 12:01*	*02/05/26 09:47*	*1*
2-Fluorobiphenyl (Surr)	*80*		*33 - 126*	*01/30/26 12:01*	*02/05/26 09:47*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 120*	*01/30/26 12:01*	*02/05/26 09:47*	*1*
Nitrobenzene-d5 (Surr)	*72*		*36 - 120*	*01/30/26 12:01*	*02/05/26 09:47*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*01/30/26 12:01*	*02/05/26 09:47*	*1*
p-Terphenyl-d14 (Surr)	*85*		*47 - 131*	*01/30/26 12:01*	*02/05/26 09:47*	*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			02/04/26 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*02/04/26 14:45*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26		ug/L		02/02/26 09:35	02/06/26 19:17	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		02/02/26 09:35	02/06/26 19:17	1
C8-C18	<26		26		ug/L		02/02/26 09:35	02/06/26 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*60 - 130*	*02/02/26 09:35*	*02/06/26 19:17*	*1*

Client Sample ID: TB: Ka'amilo Wells Pump 1

Lab Sample ID: 380-195011-2

Date Collected: 01/26/26 11:10
Matrix: Water
Date Received: 01/29/26 09:52

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			02/04/26 19:25	1

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Client Sample ID: TB: Ka'amilo Wells Pump 1
Date Collected: 01/26/26 11:10
Date Received: 01/29/26 09:52

Lab Sample ID: 380-195011-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*02/04/26 19:25*	*1*

Action Limit Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-195011-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	EPAMCL Limit	RL	Method	Prep Type
Alachlor	<0.050		ug/L	2	0.050	525.2	Total/NA
Atrazine	<0.050		ug/L	3	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		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	<0.0099		ug/L	2	0.0099	525.2	Total/NA
Heptachlor	<0.0099		ug/L	0.4	0.0099	525.2	Total/NA
Heptachlor epoxide (isomer B)	0.012		ug/L	0.2	0.0099	525.2	Total/NA
Hexachlorobenzene	<0.050		ug/L	1	0.050	525.2	Total/NA
Hexachlorocyclopentadiene	<0.050		ug/L	50	0.050	525.2	Total/NA
Lindane	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Methoxychlor	<0.050		ug/L	40	0.050	525.2	Total/NA
Simazine	<0.050		ug/L	4	0.050	525.2	Total/NA
Benzo[a]pyrene	<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: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

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)							
380-194072-M-1-A DU	Duplicate	100	93	104							
380-194122-AT-1-A MS	Matrix Spike	100	100	107							
380-195011-1	Ka'amilo Wells Pump 1	100	98	103							
LCS 380-202558/23-A	Lab Control Sample	100	101	105							
MB 380-202558/21-A	Method Blank	99	96	104							
MRL 380-202558/22-A	Lab Control Sample	99	95	100							

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)		
380-195011-1	Ka'amilo Wells Pump 1	72	80	55	72	27	85		
MB 570-689280/1-A	Method Blank	75	78	58	72	30	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: 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)		
380-195011-1	Ka'amilo Wells Pump 1	86	76	44	77	27	71		
LCS 570-689280/2-A	Lab Control Sample	98	87	63	91	44	94		
LCSD 570-689280/3-A	Lab Control Sample Dup	81	76	57	80	39	84		
MB 570-689280/1-A	Method Blank	85	73	48	77	32	74		

Surrogate Legend

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

Surrogate Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

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)								
380-195011-1	Ka'amilo Wells Pump 1	93								
380-195011-2	TB: Ka'amilo Wells Pump 1	96								
380-195023-B-1 MS	Matrix Spike	94								
380-195023-C-1 MSD	Matrix Spike Duplicate	93								
LCS 570-691227/4	Lab Control Sample	77								
LCSD 570-691227/5	Lab Control Sample Dup	83								
MB 570-691227/6	Method Blank	84								
MRL 570-691227/7	Lab Control Sample	80								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-194998-C-1-A MS	Matrix Spike	111								
380-194998-D-1-A MSD	Matrix Spike Duplicate	97								
380-195011-1	Ka'amilo Wells Pump 1	110								
380-195023-B-1-A MSD	Matrix Spike Duplicate	95								
380-195023-C-1-A MS	Matrix Spike	102								
380-195033-B-1-B MS	Matrix Spike	103								
380-195033-B-1-C MSD	Matrix Spike Duplicate	105								
LCS 570-689963/2-A	Lab Control Sample	99								
LCSD 570-689963/3-A	Lab Control Sample Dup	105								
MB 570-689963/1-A	Method Blank	105								
MRL 570-689963/4-A	Lab Control Sample	94								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-202558/21-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 202558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2,4'-DDD	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2,4'-DDE	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2,4'-DDT	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
2-Methylnaphthalene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
4,4'-DDD	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
4,4'-DDE	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
4,4'-DDT	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Acenaphthene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Acenaphthylene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Acetochlor	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Alachlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
alpha-BHC	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
alpha-Chlordane	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Anthracene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 14:59	1
Atrazine	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Benz(a)anthracene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Benzo[a]pyrene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 14:59	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 14:59	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 14:59	1
beta-BHC	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		02/01/26 16:25	02/03/26 14:59	1
Bromacil	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Butachlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Butylbenzylphthalate	<0.49		0.49		ug/L		02/01/26 16:25	02/03/26 14:59	1
Chlorobenzilate	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Chloroneb	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Chlorpyrifos	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Chrysene	<0.020		0.020		ug/L		02/01/26 16:25	02/03/26 14:59	1
delta-BHC	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		02/01/26 16:25	02/03/26 14:59	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Dieldrin	<0.0098		0.0098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Diethylphthalate	<0.49		0.49		ug/L		02/01/26 16:25	02/03/26 14:59	1
Dimethylphthalate	<0.49		0.49		ug/L		02/01/26 16:25	02/03/26 14:59	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		02/01/26 16:25	02/03/26 14:59	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Endosulfan sulfate	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Endrin	<0.0098		0.0098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Endrin aldehyde	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
EPTC	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1

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

Lab Sample ID: MB 380-202558/21-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 202558

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Fluorene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
gamma-Chlordane	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Heptachlor	<0.0098		0.0098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Hexachlorobenzene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Isophorone	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Lindane	<0.0098		0.0098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Malathion	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Methoxychlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Metolachlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Molinate	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Naphthalene	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Parathion	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Phenanthrene	<0.039		0.039		ug/L		02/01/26 16:25	02/03/26 14:59	1
Propachlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Pyrene	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Simazine	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Terbacil	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Terbuthylazine	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Thiobencarb	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		02/01/26 16:25	02/03/26 14:59	1
trans-Nonachlor	<0.049		0.049		ug/L		02/01/26 16:25	02/03/26 14:59	1
Trifluralin	<0.098		0.098		ug/L		02/01/26 16:25	02/03/26 14:59	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*3.24*	*T J N*	*ug/L*		*3.20*	*1120-21-4*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
Tridecane, 6-propyl-	*0.526*	*T J N*	*ug/L*		*3.86*	*55045-10-8*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
Unknown	*0.587*	*T J*	*ug/L*		*4.02*	*N/A*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
n-Hexadecanoic acid	*0.567*	*T J N*	*ug/L*		*6.28*	*57-10-3*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
9-Octadecenamide, (Z)-	*1.05*	*T J N*	*ug/L*		*8.03*	*301-02-0*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
Unknown	*0.918*	*T J*	*ug/L*		*15.14*	*N/A*	*02/01/26 16:25*	*02/03/26 14:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
Perylene-d12	*96*		*70 - 130*	*02/01/26 16:25*	*02/03/26 14:59*	*1*
Triphenylphosphate	*104*		*70 - 130*	*02/01/26 16:25*	*02/03/26 14:59*	*1*

Lab Sample ID: LCS 380-202558/23-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	2.05		ug/L		104	70 - 130		
2,4'-DDD			1.97	2.18		ug/L		110	70 - 130		

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

Lab Sample ID: LCS 380-202558/23-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDE	1.97	2.32		ug/L		118	70 - 130
2,4'-DDT	1.97	2.20		ug/L		112	70 - 130
2,4-Dinitrotoluene	1.97	2.03		ug/L		103	70 - 130
2,6-Dinitrotoluene	1.97	2.05		ug/L		104	70 - 130
2-Methylnaphthalene	1.97	2.03		ug/L		103	70 - 130
4,4'-DDD	1.97	2.35		ug/L		120	70 - 130
4,4'-DDE	1.97	2.03		ug/L		103	70 - 130
4,4'-DDT	1.97	2.25		ug/L		114	70 - 130
Acenaphthene	1.97	2.04		ug/L		104	70 - 130
Acenaphthylene	1.97	2.09		ug/L		106	70 - 130
Acetochlor	1.97	2.28		ug/L		116	70 - 130
Alachlor	1.97	2.24		ug/L		114	70 - 130
alpha-BHC	1.97	2.01		ug/L		102	70 - 130
alpha-Chlordane	1.97	2.24		ug/L		114	70 - 130
Anthracene	1.97	1.89		ug/L		96	70 - 130
Atrazine	1.97	2.22		ug/L		113	70 - 130
Benz(a)anthracene	1.97	2.06		ug/L		104	70 - 130
Benzo[a]pyrene	1.97	2.22		ug/L		113	70 - 130
Benzo[b]fluoranthene	1.97	2.17		ug/L		110	70 - 130
Benzo[g,h,i]perylene	1.97	2.32		ug/L		118	70 - 130
Benzo[k]fluoranthene	1.97	2.26		ug/L		115	70 - 130
beta-BHC	1.97	2.03		ug/L		103	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	2.48		ug/L		126	70 - 130
Bromacil	1.97	2.05		ug/L		104	70 - 130
Butachlor	1.97	2.37		ug/L		120	70 - 130
Butylbenzylphthalate	1.97	2.21		ug/L		112	70 - 130
Chlorobenzilate	1.97	2.36		ug/L		120	70 - 130
Chloroneb	1.97	2.11		ug/L		107	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.16		ug/L		110	70 - 130
Chlorpyrifos	1.97	2.15		ug/L		109	70 - 130
Chrysene	1.97	2.05		ug/L		104	70 - 130
delta-BHC	1.97	2.00		ug/L		102	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.30		ug/L		117	70 - 130
Dibenz(a,h)anthracene	1.97	2.12		ug/L		108	70 - 130
Diclorvos (DDVP)	1.97	2.10		ug/L		107	70 - 130
Dieldrin	1.97	2.36		ug/L		120	70 - 130
Diethylphthalate	1.97	2.26		ug/L		115	70 - 130
Dimethylphthalate	1.97	2.13		ug/L		108	70 - 130
Di-n-butyl phthalate	3.94	4.65		ug/L		118	70 - 130
Di-n-octyl phthalate	1.97	2.23		ug/L		113	70 - 130
Endosulfan I (Alpha)	1.97	2.11		ug/L		107	70 - 130
Endosulfan II (Beta)	1.97	2.04		ug/L		103	70 - 130
Endosulfan sulfate	1.97	2.41		ug/L		122	70 - 130
Endrin	1.97	2.42		ug/L		123	70 - 130
Endrin aldehyde	1.97	2.10		ug/L		107	60 - 130
EPTC	1.97	2.15		ug/L		109	70 - 130
Fluoranthene	1.97	2.08		ug/L		106	70 - 130
Fluorene	1.97	1.96		ug/L		100	70 - 130
gamma-Chlordane	1.97	2.25		ug/L		114	70 - 130

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

Lab Sample ID: LCS 380-202558/23-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	1.97	2.20		ug/L		112	70 - 130
Heptachlor epoxide (isomer B)	1.97	2.03		ug/L		103	70 - 130
Hexachlorobenzene	1.97	1.94		ug/L		98	70 - 130
Hexachlorocyclopentadiene	1.97	2.08		ug/L		105	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.21		ug/L		112	70 - 130
Isophorone	1.97	2.00		ug/L		102	70 - 130
Lindane	1.97	2.17		ug/L		110	70 - 130
Malathion	1.97	2.30		ug/L		117	70 - 130
Methoxychlor	1.97	2.20		ug/L		111	70 - 130
Metolachlor	1.97	2.26		ug/L		115	70 - 130
Molinate	1.97	2.16		ug/L		110	70 - 130
Naphthalene	1.97	2.04		ug/L		103	70 - 130
Parathion	1.97	2.22		ug/L		113	70 - 130
Pendimethalin (Penoxaline)	1.97	2.19		ug/L		111	70 - 130
Phenanthrene	1.97	2.05		ug/L		104	70 - 130
Propachlor	1.97	2.22		ug/L		113	70 - 130
Pyrene	1.97	2.10		ug/L		107	70 - 130
Simazine	1.97	2.08		ug/L		106	70 - 130
Terbacil	1.97	2.08		ug/L		106	70 - 130
Terbuthylazine	1.97	2.27		ug/L		115	70 - 130
Thiobencarb	1.97	2.24		ug/L		114	70 - 130
trans-Nonachlor	1.97	2.24		ug/L		114	70 - 130
Trifluralin	1.97	2.08		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*101*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

Lab Sample ID: MRL 380-202558/22-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0980	0.104		ug/L		106	50 - 150
2,4'-DDD	0.0980	0.0889	J	ug/L		91	50 - 150
2,4'-DDE	0.0980	0.0923	J	ug/L		94	50 - 150
2,4'-DDT	0.0980	0.101		ug/L		103	50 - 150
2,4-Dinitrotoluene	0.0980	0.0913	J	ug/L		93	50 - 150
2,6-Dinitrotoluene	0.0980	0.106		ug/L		108	50 - 150
2-Methylnaphthalene	0.0980	0.0953	J	ug/L		97	50 - 150
4,4'-DDD	0.0980	0.0877	J	ug/L		89	50 - 150
4,4'-DDE	0.0980	0.0893	J	ug/L		91	50 - 150
4,4'-DDT	0.0980	0.108		ug/L		110	50 - 150
Acenaphthene	0.0980	0.0856	J	ug/L		87	50 - 150
Acenaphthylene	0.0980	0.0880	J	ug/L		90	50 - 150
Acetochlor	0.0980	0.109		ug/L		111	50 - 150
Alachlor	0.0490	0.0500		ug/L		102	50 - 150

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

Lab Sample ID: MRL 380-202558/22-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	0.0980	0.104		ug/L		106	50 - 150
alpha-Chlordane	0.0245	<0.028		ug/L		96	50 - 150
Anthracene	0.0196	<0.019		ug/L		95	50 - 150
Atrazine	0.0490	<0.047		ug/L		96	50 - 150
Benz(a)anthracene	0.0490	0.0471	J	ug/L		96	50 - 150
Benzo[a]pyrene	0.0196	0.0209		ug/L		106	50 - 150
Benzo[b]fluoranthene	0.0196	0.0228		ug/L		117	50 - 150
Benzo[g,h,i]perylene	0.0490	0.0417	J	ug/L		85	50 - 150
Benzo[k]fluoranthene	0.0196	0.0235		ug/L		120	50 - 150
beta-BHC	0.0980	0.110		ug/L		112	50 - 150
Bis(2-ethylhexyl) phthalate	0.588	0.623		ug/L		106	50 - 150
Bromacil	0.0980	0.112		ug/L		114	50 - 150
Butachlor	0.0490	0.0588		ug/L		120	50 - 150
Butylbenzylphthalate	0.490	0.477	J	ug/L		97	50 - 150
Chlorobenzilate	0.0980	0.0863	J	ug/L		88	50 - 150
Chloroneb	0.0980	0.0876	J	ug/L		89	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0980	0.0992		ug/L		101	50 - 150
Chlorpyrifos	0.0490	0.0480	J	ug/L		98	50 - 150
Chrysene	0.0196	0.0199	J	ug/L		101	50 - 150
delta-BHC	0.0980	0.0944	J	ug/L		96	50 - 150
Di(2-ethylhexyl)adipate	0.588	0.568	J	ug/L		97	50 - 150
Dibenz(a,h)anthracene	0.0490	0.0467	J	ug/L		95	50 - 150
Diclorvos (DDVP)	0.0490	0.0503		ug/L		103	50 - 150
Dieldrin	0.00980	0.0114		ug/L		116	50 - 150
Diethylphthalate	0.490	0.523		ug/L		107	50 - 150
Dimethylphthalate	0.490	0.494		ug/L		101	50 - 150
Di-n-butyl phthalate	0.490	0.482	J	ug/L		98	49 - 243
Di-n-octyl phthalate	0.0980	0.0916	J	ug/L		93	50 - 150
Endosulfan I (Alpha)	0.0980	0.0832	J	ug/L		85	50 - 150
Endosulfan II (Beta)	0.0980	0.101		ug/L		104	50 - 150
Endosulfan sulfate	0.0980	0.0947	J	ug/L		97	50 - 150
Endrin	0.00980	0.00751	J	ug/L		77	50 - 150
Endrin aldehyde	0.0980	0.0931	J	ug/L		95	50 - 150
EPTC	0.0980	0.0935	J	ug/L		95	50 - 150
Fluoranthene	0.0980	0.0874	J	ug/L		89	50 - 150
Fluorene	0.0490	<0.049		ug/L		97	50 - 150
gamma-Chlordane	0.0245	0.0223	J	ug/L		91	50 - 150
Heptachlor	0.00980	0.00828	J	ug/L		84	50 - 150
Heptachlor epoxide (isomer B)	0.00980	0.00999		ug/L		102	50 - 150
Hexachlorobenzene	0.0490	0.0458	J	ug/L		93	50 - 150
Hexachlorocyclopentadiene	0.0490	0.0517		ug/L		105	50 - 150
Indeno[1,2,3-cd]pyrene	0.0490	0.0463	J	ug/L		95	50 - 150
Isophorone	0.0980	0.102		ug/L		104	50 - 150
Lindane	0.00980	0.00895	J	ug/L		91	50 - 150
Malathion	0.0980	0.0906	J	ug/L		92	50 - 150
Methoxychlor	0.0490	0.0468	J	ug/L		96	50 - 150
Metolachlor	0.0490	0.0543		ug/L		111	50 - 150
Molinate	0.0980	0.0968	J	ug/L		99	50 - 150
Naphthalene	0.0980	0.108		ug/L		110	50 - 150

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

Lab Sample ID: MRL 380-202558/22-A
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Parathion	0.0980	0.0895	J	ug/L		91	50 - 150
Pendimethalin (Penoxaline)	0.0980	0.0978	J	ug/L		100	50 - 150
Phenanthrene	0.0392	0.0345	J	ug/L		88	50 - 150
Propachlor	0.0490	0.0493		ug/L		101	50 - 150
Pyrene	0.0490	0.0437	J	ug/L		89	50 - 150
Simazine	0.0490	0.0510		ug/L		104	50 - 150
Terbacil	0.0980	0.103		ug/L		105	50 - 150
Terbuthylazine	0.0980	0.0905	J	ug/L		92	50 - 150
Thiobencarb	0.0980	0.0924	J	ug/L		94	50 - 150
trans-Nonachlor	0.0245	<0.025		ug/L		85	50 - 150
Trifluralin	0.0980	0.0945	J	ug/L		96	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: 380-194122-AT-1-A MS
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene			1.98	2.06		ug/L			-
2,4'-DDD	<0.099		1.98	2.14		ug/L		108	70 - 130
2,4'-DDE	<0.099		1.98	2.15		ug/L		108	70 - 130
2,4'-DDT	<0.099		1.98	1.97		ug/L		99	70 - 130
2,4-Dinitrotoluene	<0.099		1.98	2.10		ug/L		106	70 - 130
2,6-Dinitrotoluene	<0.099		1.98	2.11		ug/L		106	70 - 130
2-Methylnaphthalene			1.98	2.04		ug/L			-
4,4'-DDD	<0.099		1.98	2.24		ug/L		113	70 - 130
4,4'-DDE	<0.099		1.98	1.77		ug/L		89	70 - 130
4,4'-DDT	<0.099		1.98	1.93		ug/L		97	70 - 130
Acenaphthene	<0.099		1.98	2.06		ug/L		104	70 - 130
Acenaphthylene	<0.099		1.98	2.11		ug/L		106	70 - 130
Acetochlor	<0.099		1.98	2.24		ug/L		113	70 - 130
Alachlor	<0.049		1.98	2.26		ug/L		114	70 - 130
alpha-BHC	<0.099		1.98	2.01		ug/L		102	70 - 130
alpha-Chlordane	<0.049		1.98	2.21		ug/L		112	70 - 130
Anthracene	<0.020		1.98	1.43		ug/L		72	70 - 130
Atrazine	<0.049		1.98	2.25		ug/L		113	70 - 130
Benz(a)anthracene	<0.049		1.98	1.82		ug/L		92	70 - 130
Benzo[a]pyrene	<0.020		1.98	2.02		ug/L		102	70 - 130
Benzo[b]fluoranthene	<0.020		1.98	2.30		ug/L		116	70 - 130
Benzo[g,h,i]perylene	<0.049		1.98	2.09		ug/L		105	70 - 130
Benzo[k]fluoranthene	<0.020		1.98	2.25		ug/L		114	70 - 130
beta-BHC	<0.099		1.98	2.05		ug/L		103	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.98	2.11		ug/L		106	70 - 130
Bromacil	<0.099		1.98	2.19		ug/L		110	70 - 130

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

Lab Sample ID: 380-194122-AT-1-A MS
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	<0.049		1.98	2.37		ug/L		120	70 - 130
Butylbenzylphthalate	<0.49		1.98	2.21		ug/L		112	70 - 130
Chlorobenzilate	<0.099		1.98	2.39		ug/L		120	70 - 130
Chloroneb	<0.099		1.98	2.10		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.099		1.98	2.06		ug/L		104	70 - 130
Chlorpyrifos	<0.049		1.98	2.22		ug/L		112	70 - 130
Chrysene	<0.020		1.98	2.12		ug/L		107	70 - 130
delta-BHC	<0.099		1.98	2.03		ug/L		102	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.98	1.64		ug/L		83	70 - 130
Dibenz(a,h)anthracene	<0.049		1.98	2.00		ug/L		101	70 - 130
Diclorvos (DDVP)	<0.049		1.98	2.14		ug/L		108	70 - 130
Dieldrin	<0.0099		1.98	2.33		ug/L		118	70 - 130
Diethylphthalate	<0.49		1.98	2.26		ug/L		114	70 - 130
Dimethylphthalate	<0.49		1.98	2.13		ug/L		107	70 - 130
Di-n-butyl phthalate	<0.99		3.96	4.74		ug/L		120	70 - 130
Di-n-octyl phthalate	<0.099		1.98	1.84		ug/L		93	70 - 130
Endosulfan I (Alpha)	<0.099		1.98	2.06		ug/L		104	70 - 130
Endosulfan II (Beta)	<0.099		1.98	2.00		ug/L		101	70 - 130
Endosulfan sulfate	<0.099		1.98	2.42		ug/L		122	70 - 130
Endrin	<0.0099		1.98	2.39		ug/L		121	70 - 130
Endrin aldehyde	<0.099		1.98	1.66		ug/L		84	60 - 130
EPTC	<0.099		1.98	2.16		ug/L		109	70 - 130
Fluoranthene	<0.099		1.98	2.09		ug/L		106	70 - 130
Fluorene	<0.049		1.98	1.97		ug/L		100	70 - 130
gamma-Chlordane	<0.049		1.98	2.19		ug/L		110	70 - 130
Heptachlor	<0.0099		1.98	2.19		ug/L		111	70 - 130
Heptachlor epoxide (isomer B)	<0.0099		1.98	2.05		ug/L		103	70 - 130
Hexachlorobenzene	<0.049		1.98	1.93		ug/L		97	70 - 130
Hexachlorocyclopentadiene	<0.049		1.98	2.11		ug/L		107	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.98	2.06		ug/L		104	70 - 130
Isophorone	<0.099		1.98	2.02		ug/L		102	70 - 130
Lindane	<0.0099		1.98	2.19		ug/L		110	70 - 130
Malathion	<0.099		1.98	2.31		ug/L		116	70 - 130
Methoxychlor	<0.049	F1	1.98	2.69	F1	ug/L		136	70 - 130
Metolachlor	<0.049		1.98	2.27		ug/L		115	70 - 130
Molinate	<0.099		1.98	2.16		ug/L		109	70 - 130
Naphthalene	<0.099		1.98	2.04		ug/L		103	70 - 130
Parathion	<0.099		1.98	2.23		ug/L		112	70 - 130
Pendimethalin (Penoxaline)	<0.099		1.98	2.24		ug/L		113	70 - 130
Phenanthrene	<0.040		1.98	2.05		ug/L		103	70 - 130
Propachlor	<0.049		1.98	2.21		ug/L		112	70 - 130
Pyrene	<0.049		1.98	2.11		ug/L		106	70 - 130
Simazine	<0.049		1.98	2.09		ug/L		105	70 - 130
Terbacil	<0.099		1.98	2.09		ug/L		106	70 - 130
Terbuthylazine	<0.099		1.98	2.30		ug/L		116	70 - 130
Thiobencarb	<0.099		1.98	2.26		ug/L		114	70 - 130
trans-Nonachlor	<0.049		1.98	2.11		ug/L		106	70 - 130
Trifluralin	<0.099		1.98	2.07		ug/L		104	70 - 130

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

Lab Sample ID: 380-194122-AT-1-A MS
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 202558

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*100*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

Lab Sample ID: 380-194072-M-1-A DU
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1-Methylnaphthalene	<0.098			<0.098		ug/L				NC	20
2,4'-DDD	<0.098			<0.098		ug/L				NC	20
2,4'-DDE	<0.098			<0.098		ug/L				NC	20
2,4'-DDT	<0.098			<0.098		ug/L				NC	20
2,4-Dinitrotoluene	<0.098			<0.098		ug/L				NC	20
2,6-Dinitrotoluene	<0.098			<0.098		ug/L				NC	20
2-Methylnaphthalene	<0.098			<0.098		ug/L				NC	20
4,4'-DDD	<0.098			<0.098		ug/L				NC	20
4,4'-DDE	<0.098			<0.098		ug/L				NC	20
4,4'-DDT	<0.098			<0.098		ug/L				NC	20
Acenaphthene	<0.098			<0.098		ug/L				NC	20
Acenaphthylene	<0.098			<0.098		ug/L				NC	20
Acetochlor	<0.098			<0.098		ug/L				NC	20
Alachlor	<0.049			<0.049		ug/L				NC	20
alpha-BHC	<0.098			<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			<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.020			<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.049			<0.049		ug/L				NC	20
Benzo[k]fluoranthene	<0.020			<0.020		ug/L				NC	20
beta-BHC	<0.098			<0.098		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.59			<0.59		ug/L				NC	20
Bromacil	<0.098			<0.098		ug/L				NC	20
Butachlor	<0.049			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.49			<0.49		ug/L				NC	20
Chlorobenzilate	<0.098			<0.098		ug/L				NC	20
Chloroneb	<0.098			<0.098		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.098			<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	<0.098			<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	<0.0098			<0.0098		ug/L				NC	20
Diethylphthalate	<0.49			<0.49		ug/L				NC	20

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

Lab Sample ID: 380-194072-M-1-A DU
Matrix: Water
Analysis Batch: 203086

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 202558

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dimethylphthalate	<0.49			<0.49		ug/L				NC	20
Di-n-butyl phthalate	<0.98			<0.98		ug/L				NC	20
Di-n-octyl phthalate	<0.098			<0.098		ug/L				NC	20
Endosulfan I (Alpha)	<0.098			<0.098		ug/L				NC	20
Endosulfan II (Beta)	<0.098			<0.098		ug/L				NC	20
Endosulfan sulfate	<0.098			<0.098		ug/L				NC	20
Endrin	<0.0098			<0.0098		ug/L				NC	20
Endrin aldehyde	<0.098			<0.098		ug/L				NC	20
EPTC	<0.098			<0.098		ug/L				NC	20
Fluoranthene	<0.098			<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
Heptachlor	<0.0098			<0.0098		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0098			<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	<0.098			<0.098		ug/L				NC	20
Lindane	<0.0098			<0.0098		ug/L				NC	20
Malathion	<0.098			<0.098		ug/L				NC	20
Methoxychlor	<0.049			<0.049		ug/L				NC	20
Metolachlor	<0.049			<0.049		ug/L				NC	20
Molinate	<0.098			<0.098		ug/L				NC	20
Naphthalene	<0.098			<0.098		ug/L				NC	20
Parathion	<0.098			<0.098		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.098			<0.098		ug/L				NC	20
Phenanthrene	<0.039			<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	<0.098			<0.098		ug/L				NC	20
Terbuthylazine	<0.098			<0.098		ug/L				NC	20
Thiobencarb	<0.098			<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	<0.098			<0.098		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*104*		*70 - 130*

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

Lab Sample ID: MB 570-689280/1-A
Matrix: Water
Analysis Batch: 691696

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 689280

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	01/30/26 12:01	02/05/26 08:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		33 - 139	01/30/26 12:01	02/05/26 08:34	1
2-Fluorobiphenyl (Surr)	78		33 - 126	01/30/26 12:01	02/05/26 08:34	1
2-Fluorophenol (Surr)	58		12 - 120	01/30/26 12:01	02/05/26 08:34	1
Nitrobenzene-d5 (Surr)	72		36 - 120	01/30/26 12:01	02/05/26 08:34	1
Phenol-d6 (Surr)	30		10 - 120	01/30/26 12:01	02/05/26 08:34	1
p-Terphenyl-d14 (Surr)	84		47 - 131	01/30/26 12:01	02/05/26 08:34	1

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

Lab Sample ID: MB 570-689280/1-A
Matrix: Water
Analysis Batch: 691132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 689280

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
2-Methylnaphthalene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Acenaphthene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Acenaphthylene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Anthracene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Benzo[a]anthracene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Benzo[a]pyrene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Chrysene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Fluoranthene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Fluorene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Naphthalene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Phenanthrene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1
Pyrene	<0.20		0.20		ug/L		01/30/26 12:01	02/04/26 07:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		28 - 127	01/30/26 12:01	02/04/26 07:57	1
2-Fluorobiphenyl (Surr)	73		31 - 120	01/30/26 12:01	02/04/26 07:57	1
2-Fluorophenol (Surr)	48		17 - 120	01/30/26 12:01	02/04/26 07:57	1
Nitrobenzene-d5 (Surr)	77		27 - 120	01/30/26 12:01	02/04/26 07:57	1
Phenol-d6 (Surr)	32		10 - 120	01/30/26 12:01	02/04/26 07:57	1
p-Terphenyl-d14 (Surr)	74		45 - 120	01/30/26 12:01	02/04/26 07:57	1

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

Lab Sample ID: LCS 570-689280/2-A
Matrix: Water
Analysis Batch: 691132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 689280

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	18.7		ug/L		93	47 - 120		
2-Methylnaphthalene			20.0	18.0		ug/L		90	43 - 120		
Acenaphthene			20.0	18.1		ug/L		91	60 - 132		
Acenaphthylene			20.0	18.5		ug/L		93	54 - 126		
Anthracene			20.0	18.0		ug/L		90	43 - 120		
Benzo[a]anthracene			20.0	18.8		ug/L		94	42 - 133		
Benzo[a]pyrene			20.0	19.2		ug/L		96	32 - 148		
Benzo[b]fluoranthene			20.0	19.0		ug/L		95	42 - 140		
Benzo[g,h,i]perylene			20.0	17.3		ug/L		87	1 - 195		
Benzo[k]fluoranthene			20.0	18.2		ug/L		91	25 - 146		
Chrysene			20.0	18.2		ug/L		91	44 - 140		
Dibenz(a,h)anthracene			20.0	18.2		ug/L		91	1 - 200		
Fluoranthene			20.0	18.6		ug/L		93	43 - 121		
Fluorene			20.0	18.3		ug/L		92	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	18.2		ug/L		91	1 - 151		
Naphthalene			20.0	18.0		ug/L		90	36 - 120		
Phenanthrene			20.0	17.9		ug/L		89	65 - 120		
Pyrene			20.0	19.5		ug/L		98	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*28 - 127*
2-Fluorobiphenyl (Surr)	*87*		*31 - 120*
2-Fluorophenol (Surr)	*63*		*17 - 120*
Nitrobenzene-d5 (Surr)	*91*		*27 - 120*
Phenol-d6 (Surr)	*44*		*10 - 120*
p-Terphenyl-d14 (Surr)	*94*		*45 - 120*

Lab Sample ID: LCSD 570-689280/3-A
Matrix: Water
Analysis Batch: 691132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 689280

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	16.7		ug/L		83	47 - 120	11	20
2-Methylnaphthalene			20.0	16.5		ug/L		83	43 - 120	8	20
Acenaphthene			20.0	16.0		ug/L		80	60 - 132	12	29
Acenaphthylene			20.0	16.5		ug/L		83	54 - 126	11	45
Anthracene			20.0	16.3		ug/L		81	43 - 120	10	40
Benzo[a]anthracene			20.0	16.9		ug/L		85	42 - 133	10	32
Benzo[a]pyrene			20.0	17.0		ug/L		85	32 - 148	12	43
Benzo[b]fluoranthene			20.0	16.7		ug/L		84	42 - 140	13	43
Benzo[g,h,i]perylene			20.0	15.7		ug/L		79	1 - 195	9	61
Benzo[k]fluoranthene			20.0	16.8		ug/L		84	25 - 146	8	38
Chrysene			20.0	16.7		ug/L		83	44 - 140	9	53
Dibenz(a,h)anthracene			20.0	16.7		ug/L		83	1 - 200	9	75
Fluoranthene			20.0	16.8		ug/L		84	43 - 121	10	40
Fluorene			20.0	16.4		ug/L		82	70 - 120	11	23
Indeno[1,2,3-cd]pyrene			20.0	16.5		ug/L		83	1 - 151	10	60
Naphthalene			20.0	16.1		ug/L		80	36 - 120	11	39

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

Lab Sample ID: LCSD 570-689280/3-A
Matrix: Water
Analysis Batch: 691132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 689280

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	16.1		ug/L		80	65 - 120	10	24
Pyrene			20.0	17.7		ug/L		89	70 - 120	10	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*28 - 127*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*
2-Fluorophenol (Surr)	*57*		*17 120*
Nitrobenzene-d5 (Surr)	*80*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*

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

Lab Sample ID: MB 570-691227/6
Matrix: Water
Analysis Batch: 691227

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			02/04/26 12:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*38 - 134*		*02/04/26 12:30*	*1*

Lab Sample ID: LCS 570-691227/4
Matrix: Water
Analysis Batch: 691227

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	350		ug/L		87	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*77*		*38 - 134*

Lab Sample ID: LCSD 570-691227/5
Matrix: Water
Analysis Batch: 691227

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	362		ug/L		91	78 - 120	3	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*38 - 134*

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

Lab Sample ID: MRL 570-691227/7
Matrix: Water
Analysis Batch: 691227

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	<7.9		ug/L		66	50 - 150		

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

Lab Sample ID: 380-195023-B-1 MS
Matrix: Water
Analysis Batch: 691227

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	410		ug/L		103	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*

Lab Sample ID: 380-195023-C-1 MSD
Matrix: Water
Analysis Batch: 691227

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	426		ug/L		107	68 - 122	4	18

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

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

Lab Sample ID: MB 570-689963/1-A
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 689963

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		02/02/26 09:35	02/06/26 14:57	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		02/02/26 09:35	02/06/26 14:57	1
C8-C18	<25		25		ug/L		02/02/26 09:35	02/06/26 14:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*105*		*60 - 130*	*02/02/26 09:35*	*02/06/26 14:57*	*1*

Lab Sample ID: LCS 570-689963/2-A
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 689963

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1400		ug/L		88	56 - 127		

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

Lab Sample ID: LCS 570-689963/2-A
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 689963

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

Lab Sample ID: LCSD 570-689963/3-A
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 689963

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1470		ug/L		92	56 - 127	5	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	105		60 - 130

Lab Sample ID: MRL 570-689963/4-A
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 689963

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	<0.020		mg/L		96	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	94		60 - 130

Lab Sample ID: 380-194998-C-1-A MS
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 689963

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

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

Lab Sample ID: 380-194998-D-1-A MSD
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 689963

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1650	1530		ug/L		93	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	97		60 - 130

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

Lab Sample ID: 380-195023-B-1-A MSD
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 689963

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1640	1500		ug/L		92	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*60 - 130*

Lab Sample ID: 380-195023-C-1-A MS
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 689963

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		1610	1570		ug/L		98	70 - 130

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

Lab Sample ID: 380-195033-B-1-B MS
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 689963

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		1670	1630		ug/L		97	70 - 130

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

Lab Sample ID: 380-195033-B-1-C MSD
Matrix: Water
Analysis Batch: 692930

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 689963

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1650	1620		ug/L		98	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*60 - 130*

QC Association Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

GC/MS Semi VOA

Prep Batch: 202558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	525.2	
MB 380-202558/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-202558/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-202558/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-194122-AT-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-194072-M-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 203086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	525.2	202558
MB 380-202558/21-A	Method Blank	Total/NA	Water	525.2	202558
LCS 380-202558/23-A	Lab Control Sample	Total/NA	Water	525.2	202558
MRL 380-202558/22-A	Lab Control Sample	Total/NA	Water	525.2	202558
380-194122-AT-1-A MS	Matrix Spike	Total/NA	Water	525.2	202558
380-194072-M-1-A DU	Duplicate	Total/NA	Water	525.2	202558

Prep Batch: 689280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	625.1	
MB 570-689280/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-689280/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-689280/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 691132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	625.1 SIM	689280
MB 570-689280/1-A	Method Blank	Total/NA	Water	625.1 SIM	689280
LCS 570-689280/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	689280
LCSD 570-689280/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	689280

Analysis Batch: 691696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	625.1	689280
MB 570-689280/1-A	Method Blank	Total/NA	Water	625.1	689280

GC VOA

Analysis Batch: 691227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	8015B GRO LL	
380-195011-2	TB: Ka'amilo Wells Pump 1	Total/NA	Water	8015B GRO LL	
MB 570-691227/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-691227/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-691227/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-691227/7	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-195023-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-195023-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

QC Association Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

GC Semi VOA

Prep Batch: 689963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	3510C	
MB 570-689963/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-689963/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-689963/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-689963/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-194998-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-194998-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
380-195023-B-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
380-195023-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-195033-B-1-B MS	Matrix Spike	Total/NA	Water	3510C	
380-195033-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 692930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-195011-1	Ka'amilo Wells Pump 1	Total/NA	Water	8015B	689963
MB 570-689963/1-A	Method Blank	Total/NA	Water	8015B	689963
LCS 570-689963/2-A	Lab Control Sample	Total/NA	Water	8015B	689963
LCSD 570-689963/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	689963
MRL 570-689963/4-A	Lab Control Sample	Total/NA	Water	8015B	689963
380-194998-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	689963
380-194998-D-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	689963
380-195023-B-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	689963
380-195023-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	689963
380-195033-B-1-B MS	Matrix Spike	Total/NA	Water	8015B	689963
380-195033-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	689963

Lab Chronicle

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-195011-1

Date Collected: 01/26/26 11:10

Matrix: Water

Date Received: 01/29/26 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			202558	IQ42	EA POM	02/01/26 16:25
Total/NA	Analysis	525.2		1	203086	Q8LA	EA POM	02/03/26 23:03
Total/NA	Prep	625.1			689280	OAJ3	EET CAL 4	01/30/26 12:01
Total/NA	Analysis	625.1		1	691696	PQS1	EET CAL 4	02/05/26 09:47
Total/NA	Prep	625.1			689280	OAJ3	EET CAL 4	01/30/26 12:01
Total/NA	Analysis	625.1 SIM		1	691132	PQS1	EET CAL 4	02/04/26 11:13
Total/NA	Analysis	8015B GRO LL		1	691227	A9VE	EET CAL 4	02/04/26 14:45
Total/NA	Prep	3510C			689963	TVD6	EET CAL 4	02/02/26 09:35
Total/NA	Analysis	8015B		1	692930	H6FE	EET CAL 4	02/06/26 19:17

Client Sample ID: TB: Ka'amilo Wells Pump 1

Lab Sample ID: 380-195011-2

Date Collected: 01/26/26 11:10

Matrix: Water

Date Received: 01/29/26 09:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	691227	A9VE	EET CAL 4	02/04/26 19:25

Laboratory References:

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

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Laboratory: Eurofins Pomona

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

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

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

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-26
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Laboratory: Eurofins Calscience (Continued)

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

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

Method Summary

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

Job ID: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

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: 380-195011-1
SDG: Weekly: Ka'amilo Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-195011-1	Ka'amilo Wells Pump 1	Water	01/26/26 11:10	01/29/26 09:52	Hawaii
380-195011-2	TB: Ka'amilo Wells Pump 1	Water	01/26/26 11:10	01/29/26 09:52	Hawaii

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

Chain of Custody Record

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380-195011 COC

Client Information	Sampler: bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: Mr Kirk Iwamoto	Phone: +1 808 748 5840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin:	Page:
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	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	RA	Q	QA	Y	I		
Ka'amilo Wells Pump 1	26-Jan-2026	1110	G	Water			2	3	2	2				
Ka'amilo Wells Pump 1 (Matrix Spike)				Water										
Ka'amilo Wells Pump 1 (Matrix Spike Duplicate)				Water										
TB: Ka'amilo Wells Pump 1	26-Jan-2026	1110		Water				2						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FED
[redacted]	Date/Time: 27JAN2026 1400	Company: HBWS	Received by: [signature] Date/Time: 1/29/26 0952 Company: EEAP
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

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

Cooler Temperature(s) °C and Other Remarks: 7.5 I R 3-6 I 36

Ver: 04/02/2024

2/9/2026

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

Chain of Custody Record

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Loc: 380
195011

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-299640.1
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 #: 380-195011-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 2/11/2026			
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_CSI3610C_LL HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
Ka'amilo Wells Pump 1 (380-195011-1)	1/26/26	11:10 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: Ka'amilo Wells Pump 1 (380-195011-2)	1/26/26	11:10 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-195011 Chain of Custody

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

Possible Hazard Identification	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:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mark Miranda	1/29/26 1630	EEAP	Cory Kinslow	1/29/26 1633	Way
2	Cory Kinslow	1/29/26 1735	Way	[illegible]	1-29-26 17:35	EC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.9/2.0 IR-5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-195011-1

SDG Number: Weekly: Ka'amilo Wells Pump 1

Login Number: 195011

List Source: Eurofins Pomona

List Number: 1

Creator: Edrosa, Rey

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
ClO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-195011-1
SDG Number: Weekly: Ka'amilo Wells Pump 1

Login Number: 195011
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 01/29/26 07:05 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0
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	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	