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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Erwin Kawata
City & County of Honolulu
630 South Beretania Street
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Honolulu, Hawaii 96843

Generated 10/28/2025 5:25:24 PM

JOB DESCRIPTION

RED-HILL
Weekly: Aiea Wells Pumps 1&2 P2

JOB NUMBER

380-175897-1

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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

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.

GC Semi VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased

Glossary

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

Job Narrative
380-175897-1

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 10/9/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

GC/MS Semi VOA
Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-639637.
Method 625.1_SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-639637.

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

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

Diesel Range Organics
Method 8015B_DRO_LL_CS: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-639254. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Method 8015B_DRO_LL_CS: The method reporting limit check (MRL) for preparation batch 570-639254 and analytical batch 570-644132 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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

Detection Summary

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.011		0.0096		ug/L	1		525.2	Total/NA

Client Sample ID: TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)
Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Lab Sample ID: 380-175897-1
Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2,4'-DDD	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2,4'-DDE	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2,4'-DDT	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2,4-Dinitrotoluene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2,6-Dinitrotoluene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
2-Methylnaphthalene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
4,4'-DDD	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
4,4'-DDE	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
4,4'-DDT	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Acenaphthene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Acenaphthylene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Acetochlor	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Alachlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
alpha-BHC	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
alpha-Chlordane	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Anthracene	<0.019		0.019		ug/L		10/13/25 08:31	10/14/25 14:22	1
Atrazine	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Benz(a)anthracene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Benzo[a]pyrene	<0.019		0.019		ug/L		10/13/25 08:31	10/14/25 14:22	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		10/13/25 08:31	10/14/25 14:22	1
Benzo[g,h,i]perylene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		10/13/25 08:31	10/14/25 14:22	1
beta-BHC	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		10/13/25 08:31	10/14/25 14:22	1
Bromacil	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Butachlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Butylbenzylphthalate	<0.48		0.48		ug/L		10/13/25 08:31	10/14/25 14:22	1
Chlorobenzilate	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Chloroneb	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Chlorothalonil (Draconil, Bravo)	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Chlorpyrifos	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Chrysene	<0.019		0.019		ug/L		10/13/25 08:31	10/14/25 14:22	1
delta-BHC	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		10/13/25 08:31	10/14/25 14:22	1
Dibenz(a,h)anthracene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Diclorvos (DDVP)	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Dieldrin	**0.011**		0.0096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Diethylphthalate	<0.48		0.48		ug/L		10/13/25 08:31	10/14/25 14:22	1
Dimethylphthalate	<0.48		0.48		ug/L		10/13/25 08:31	10/14/25 14:22	1
Di-n-butyl phthalate	<0.96		0.96		ug/L		10/13/25 08:31	10/14/25 14:22	1
Di-n-octyl phthalate	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Endosulfan I (Alpha)	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Endosulfan II (Beta)	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Endosulfan sulfate	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Endrin	<0.0096		0.0096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Endrin aldehyde	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
EPTC	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)
Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Lab Sample ID: 380-175897-1
Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Fluorene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
gamma-Chlordane	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Heptachlor	<0.0096		0.0096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Heptachlor epoxide (isomer B)	<0.0096		0.0096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Hexachlorobenzene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Hexachlorocyclopentadiene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Indeno[1,2,3-cd]pyrene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Isophorone	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Lindane	<0.0096		0.0096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Malathion	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Methoxychlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Metolachlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Molinate	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Naphthalene	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Parathion	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Pendimethalin (Penoxaline)	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Phenanthrene	<0.038		0.038		ug/L		10/13/25 08:31	10/14/25 14:22	1
Propachlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Pyrene	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Simazine	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Terbacil	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Terbuthylazine	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Thiobencarb	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		10/13/25 08:31	10/14/25 14:22	1
trans-Nonachlor	<0.048		0.048		ug/L		10/13/25 08:31	10/14/25 14:22	1
Trifluralin	<0.096		0.096		ug/L		10/13/25 08:31	10/14/25 14:22	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/13/25 08:31*	*10/14/25 14:22*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*10/13/25 08:31*	*10/14/25 14:22*	*1*
Perylene-d12	*92*		*70 - 130*	*10/13/25 08:31*	*10/14/25 14:22*	*1*
Triphenylphosphate	*101*		*70 - 130*	*10/13/25 08:31*	*10/14/25 14:22*	*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		10/13/25 13:14	10/22/25 10:43	1
2-Methylnaphthalene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Acenaphthene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Acenaphthylene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Anthracene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Benzo[a]anthracene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Benzo[a]pyrene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Chrysene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-1

Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Fluoranthene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Fluorene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Naphthalene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Phenanthrene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1
Pyrene	<0.19		0.19		ug/L		10/13/25 13:14	10/22/25 10:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*	*10/13/25 13:14*	*10/22/25 10:43*	*1*
2-Fluorobiphenyl (Surr)	*85*		*31 - 120*	*10/13/25 13:14*	*10/22/25 10:43*	*1*
2-Fluorophenol (Surr)	*51*		*17 - 120*	*10/13/25 13:14*	*10/22/25 10:43*	*1*
Nitrobenzene-d5 (Surr)	*86*		*27 - 120*	*10/13/25 13:14*	*10/22/25 10:43*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*10/13/25 13:14*	*10/22/25 10:43*	*1*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*	*10/13/25 13:14*	*10/22/25 10:43*	*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*	*10/13/25 13:14*	*10/22/25 12:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*33 - 139*	*10/13/25 13:14*	*10/22/25 12:26*	*1*
2-Fluorobiphenyl (Surr)	*91*		*33 - 126*	*10/13/25 13:14*	*10/22/25 12:26*	*1*
2-Fluorophenol (Surr)	*57*		*12 - 120*	*10/13/25 13:14*	*10/22/25 12:26*	*1*
Nitrobenzene-d5 (Surr)	*90*		*36 - 120*	*10/13/25 13:14*	*10/22/25 12:26*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*10/13/25 13:14*	*10/22/25 12:26*	*1*
p-Terphenyl-d14 (Surr)	*93*		*47 - 131*	*10/13/25 13:14*	*10/22/25 12:26*	*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			10/19/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*		*10/19/25 16:12*	*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		10/12/25 11:08	10/22/25 01:54	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		10/12/25 11:08	10/22/25 01:54	1
C8-C18	<26		26		ug/L		10/12/25 11:08	10/22/25 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*116*		*60 - 130*	*10/12/25 11:08*	*10/22/25 01:54*	*1*

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Client Sample ID: TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TP400)
Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Lab Sample ID: 380-175897-2
Matrix: Water

Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			10/19/25 21:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*		*10/19/25 21:02*	*1*

Action Limit Summary

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-1

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	<0.048		ug/L	2	0.048	525.2	Total/NA
Atrazine	<0.048		ug/L	3	0.048	525.2	Total/NA
Benzo[a]pyrene	<0.019		ug/L	0.2	0.019	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.58		ug/L	6	0.58	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.58		ug/L	400	0.58	525.2	Total/NA
Endrin	<0.0096		ug/L	2	0.0096	525.2	Total/NA
Heptachlor	<0.0096		ug/L	0.4	0.0096	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0096		ug/L	0.2	0.0096	525.2	Total/NA
Hexachlorobenzene	<0.048		ug/L	1	0.048	525.2	Total/NA
Hexachlorocyclopentadiene	<0.048		ug/L	50	0.048	525.2	Total/NA
Lindane	<0.0096		ug/L	0.2	0.0096	525.2	Total/NA
Methoxychlor	<0.048		ug/L	40	0.048	525.2	Total/NA
Simazine	<0.048		ug/L	4	0.048	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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

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)
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (2	100	92	101

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)
380-175895-I-1-A MS	Matrix Spike	100	91	108
380-175898-I-1-A DU	Duplicate	99	82	101
LCS 380-179303/22-A	Lab Control Sample	100	94	107
MB 380-179303/20-A	Method Blank	98	85	101
MRL 380-179303/21-A	Lab Control Sample	101	85	103

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)
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (2	91	91	57	90	31	93

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 570-639637/1-A	Method Blank	91	87	61	89	37	99

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)
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (2	87	85	51	86	31	85

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)
LCS 570-639637/2-A	Lab Control Sample	69	73	54	65	36	74
LCSD 570-639637/3-A	Lab Control Sample Dup	67	69	50	62	33	70
MB 570-639637/1-A	Method Blank	65	63	45	69	29	66

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)
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (2	90

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)
380-175897-2	TB: AIEA WELLS PUMPS 1&2 (	94
380-177173-B-1 MS	Matrix Spike	91
380-177173-B-1 MSD	Matrix Spike Duplicate	94
LCS 570-642768/4	Lab Control Sample	95
LCSD 570-642768/5	Lab Control Sample Dup	93

Surrogate Summary

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	BFB1 (38-134)								
MB 570-642768/6	Method Blank	91								
MRL 570-642768/3	Lab Control Sample	92								

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)								
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)								
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (2	116								

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)								
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)								
LCS 570-639254/2-A	Lab Control Sample	119								
LCSD 570-639254/3-A	Lab Control Sample Dup	111								
MB 570-639254/1-A	Method Blank	117								
MRL 570-639254/4-A	Lab Control Sample	118								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-179303/20-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179303

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2,4'-DDD	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2,4'-DDE	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2,4'-DDT	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
2-Methylnaphthalene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
4,4'-DDD	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
4,4'-DDE	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
4,4'-DDT	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Acenaphthene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Acenaphthylene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Acetochlor	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Alachlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
alpha-BHC	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
alpha-Chlordane	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Anthracene	<0.020		0.020		ug/L		10/13/25 08:31	10/14/25 12:22	1
Atrazine	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Benz(a)anthracene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Benzo[a]pyrene	<0.020		0.020		ug/L		10/13/25 08:31	10/14/25 12:22	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		10/13/25 08:31	10/14/25 12:22	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		10/13/25 08:31	10/14/25 12:22	1
beta-BHC	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		10/13/25 08:31	10/14/25 12:22	1
Bromacil	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Butachlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Butylbenzylphthalate	<0.50		0.50		ug/L		10/13/25 08:31	10/14/25 12:22	1
Chlorobenzilate	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Chloroneb	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Chlorpyrifos	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Chrysene	<0.020		0.020		ug/L		10/13/25 08:31	10/14/25 12:22	1
delta-BHC	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		10/13/25 08:31	10/14/25 12:22	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Dieldrin	<0.0099		0.0099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Diethylphthalate	<0.50		0.50		ug/L		10/13/25 08:31	10/14/25 12:22	1
Dimethylphthalate	<0.50		0.50		ug/L		10/13/25 08:31	10/14/25 12:22	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		10/13/25 08:31	10/14/25 12:22	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Endosulfan sulfate	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Endrin	<0.0099		0.0099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Endrin aldehyde	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
EPTC	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1

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

Lab Sample ID: MB 380-179303/20-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 179303

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Fluorene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
gamma-Chlordane	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Heptachlor	<0.0099		0.0099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Hexachlorobenzene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Isophorone	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Lindane	<0.0099		0.0099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Malathion	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Methoxychlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Metolachlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Molinate	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Naphthalene	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Parathion	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Phenanthrene	<0.040		0.040		ug/L		10/13/25 08:31	10/14/25 12:22	1
Propachlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Pyrene	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Simazine	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Terbacil	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Terbuthylazine	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Thiobencarb	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		10/13/25 08:31	10/14/25 12:22	1
trans-Nonachlor	<0.050		0.050		ug/L		10/13/25 08:31	10/14/25 12:22	1
Trifluralin	<0.099		0.099		ug/L		10/13/25 08:31	10/14/25 12:22	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
9-Octadecenamide, (Z)-	*0.496*	*T J N*	*ug/L*		*7.90*	*301-02-0*	*10/13/25 08:31*	*10/14/25 12:22*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*10/13/25 08:31*	*10/14/25 12:22*	*1*
Perylene-d12	*85*		*70 - 130*	*10/13/25 08:31*	*10/14/25 12:22*	*1*
Triphenylphosphate	*101*		*70 - 130*	*10/13/25 08:31*	*10/14/25 12:22*	*1*

Lab Sample ID: LCS 380-179303/22-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.99	1.84		ug/L		93	70 - 130		
2,4'-DDD			1.99	2.04		ug/L		103	70 - 130		
2,4'-DDE			1.99	2.05		ug/L		103	70 - 130		
2,4'-DDT			1.99	1.98		ug/L		100	70 - 130		
2,4-Dinitrotoluene			1.99	1.85		ug/L		93	70 - 130		
2,6-Dinitrotoluene			1.99	1.92		ug/L		97	70 - 130		
2-Methylnaphthalene			1.99	1.86		ug/L		94	70 - 130		

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

Lab Sample ID: LCS 380-179303/22-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	1.99	2.12		ug/L		107	70 - 130
4,4'-DDE	1.99	2.13		ug/L		107	70 - 130
4,4'-DDT	1.99	1.83		ug/L		92	70 - 130
Acenaphthene	1.99	1.91		ug/L		96	70 - 130
Acenaphthylene	1.99	1.91		ug/L		96	70 - 130
Acetochlor	1.99	2.17		ug/L		109	70 - 130
Alachlor	1.99	2.22		ug/L		112	70 - 130
alpha-BHC	1.99	2.08		ug/L		105	70 - 130
alpha-Chlordane	1.99	2.02		ug/L		102	70 - 130
Anthracene	1.99	1.77		ug/L		89	70 - 130
Atrazine	1.99	2.21		ug/L		111	70 - 130
Benz(a)anthracene	1.99	1.83		ug/L		92	70 - 130
Benzo[a]pyrene	1.99	1.79		ug/L		90	70 - 130
Benzo[b]fluoranthene	1.99	1.92		ug/L		97	70 - 130
Benzo[g,h,i]perylene	1.99	1.91		ug/L		96	70 - 130
Benzo[k]fluoranthene	1.99	1.91		ug/L		96	70 - 130
beta-BHC	1.99	2.06		ug/L		104	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	2.06		ug/L		104	70 - 130
Bromacil	1.99	2.19		ug/L		110	70 - 130
Butachlor	1.99	2.15		ug/L		108	70 - 130
Butylbenzylphthalate	1.99	2.20		ug/L		111	70 - 130
Chlorobenzilate	1.99	2.29		ug/L		115	70 - 130
Chloroneb	1.99	1.94		ug/L		98	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.15		ug/L		108	70 - 130
Chlorpyrifos	1.99	2.11		ug/L		106	70 - 130
Chrysene	1.99	1.82		ug/L		92	70 - 130
delta-BHC	1.99	2.08		ug/L		105	70 - 130
Di(2-ethylhexyl)adipate	1.99	2.28		ug/L		115	70 - 130
Dibenz(a,h)anthracene	1.99	1.96		ug/L		99	70 - 130
Diclorvos (DDVP)	1.99	2.06		ug/L		104	70 - 130
Dieldrin	1.99	1.99		ug/L		100	70 - 130
Diethylphthalate	1.99	2.16		ug/L		109	70 - 130
Dimethylphthalate	1.99	2.16		ug/L		109	70 - 130
Di-n-butyl phthalate	3.97	4.48		ug/L		113	70 - 130
Di-n-octyl phthalate	1.99	2.05		ug/L		103	70 - 130
Endosulfan I (Alpha)	1.99	2.00		ug/L		101	70 - 130
Endosulfan II (Beta)	1.99	2.09		ug/L		105	70 - 130
Endosulfan sulfate	1.99	2.09		ug/L		105	70 - 130
Endrin	1.99	2.07		ug/L		104	70 - 130
Endrin aldehyde	1.99	2.08		ug/L		105	60 - 130
EPTC	1.99	2.10		ug/L		106	70 - 130
Fluoranthene	1.99	2.09		ug/L		105	70 - 130
Fluorene	1.99	1.98		ug/L		99	70 - 130
gamma-Chlordane	1.99	2.03		ug/L		102	70 - 130
Heptachlor	1.99	2.06		ug/L		104	70 - 130
Heptachlor epoxide (isomer B)	1.99	2.10		ug/L		106	70 - 130
Hexachlorobenzene	1.99	2.00		ug/L		101	70 - 130
Hexachlorocyclopentadiene	1.99	1.84		ug/L		92	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	1.96		ug/L		99	70 - 130

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

Lab Sample ID: LCS 380-179303/22-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	1.99	2.06		ug/L		104	70 - 130
Lindane	1.99	2.01		ug/L		101	70 - 130
Malathion	1.99	2.09		ug/L		105	70 - 130
Methoxychlor	1.99	1.98		ug/L		100	70 - 130
Metolachlor	1.99	2.07		ug/L		104	70 - 130
Molinate	1.99	2.10		ug/L		106	70 - 130
Naphthalene	1.99	1.86		ug/L		94	70 - 130
Parathion	1.99	2.14		ug/L		108	70 - 130
Pendimethalin (Penoxaline)	1.99	1.85		ug/L		93	70 - 130
Phenanthrene	1.99	1.94		ug/L		98	70 - 130
Propachlor	1.99	2.21		ug/L		111	70 - 130
Pyrene	1.99	2.07		ug/L		104	70 - 130
Simazine	1.99	2.20		ug/L		111	70 - 130
Terbacil	1.99	2.21		ug/L		111	70 - 130
Terbuthylazine	1.99	2.25		ug/L		113	70 - 130
Thiobencarb	1.99	2.20		ug/L		111	70 - 130
trans-Nonachlor	1.99	1.92		ug/L		97	70 - 130
Trifluralin	1.99	1.86		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

Lab Sample ID: MRL 380-179303/21-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0993	0.116		ug/L		117	50 - 150
2,4'-DDD	0.0993	0.0903	J	ug/L		91	50 - 150
2,4'-DDE	0.0993	0.104		ug/L		105	50 - 150
2,4'-DDT	0.0993	0.0963	J	ug/L		97	50 - 150
2,4-Dinitrotoluene	0.0993	0.0998		ug/L		101	50 - 150
2,6-Dinitrotoluene	0.0993	0.124		ug/L		124	50 - 150
2-Methylnaphthalene	0.0993	0.109		ug/L		110	50 - 150
4,4'-DDD	0.0993	0.103		ug/L		104	50 - 150
4,4'-DDE	0.0993	0.0885	J	ug/L		89	50 - 150
4,4'-DDT	0.0993	0.108		ug/L		109	50 - 150
Acenaphthene	0.0993	0.0928	J	ug/L		94	50 - 150
Acenaphthylene	0.0993	0.0979	J	ug/L		99	50 - 150
Acetochlor	0.0993	0.122		ug/L		123	50 - 150
Alachlor	0.0496	0.0542		ug/L		109	50 - 150
alpha-BHC	0.0993	0.109		ug/L		109	50 - 150
alpha-Chlordane	0.0248	<0.029		ug/L		97	50 - 150
Anthracene	0.0199	0.0215		ug/L		108	50 - 150
Atrazine	0.0496	0.0563		ug/L		114	50 - 150
Benz(a)anthracene	0.0496	0.0549		ug/L		111	50 - 150

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

Lab Sample ID: MRL 380-179303/21-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	0.0199	0.0238		ug/L		120	50 - 150
Benzo[b]fluoranthene	0.0199	0.0243		ug/L		122	50 - 150
Benzo[g,h,i]perylene	0.0496	0.0492	J	ug/L		99	50 - 150
Benzo[k]fluoranthene	0.0199	0.0228		ug/L		115	50 - 150
beta-BHC	0.0993	0.115		ug/L		116	50 - 150
Bis(2-ethylhexyl) phthalate	0.596	0.647		ug/L		109	50 - 150
Bromacil	0.0993	0.133		ug/L		134	50 - 150
Butachlor	0.0496	0.0621		ug/L		125	50 - 150
Butylbenzylphthalate	0.496	0.579		ug/L		117	50 - 150
Chlorobenzilate	0.0993	0.113		ug/L		114	50 - 150
Chloroneb	0.0993	0.115		ug/L		116	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0993	0.0917	J	ug/L		92	50 - 150
Chlorpyrifos	0.0496	0.0531		ug/L		107	50 - 150
Chrysene	0.0199	0.0221		ug/L		111	50 - 150
delta-BHC	0.0993	0.106		ug/L		107	50 - 150
Di(2-ethylhexyl)adipate	0.596	0.704		ug/L		118	50 - 150
Dibenz(a,h)anthracene	0.0496	0.0457	J	ug/L		92	50 - 150
Diclorvos (DDVP)	0.0496	0.0601		ug/L		121	50 - 150
Dieldrin	0.00993	0.0121		ug/L		122	50 - 150
Diethylphthalate	0.496	0.569		ug/L		115	50 - 150
Dimethylphthalate	0.496	0.561		ug/L		113	50 - 150
Di-n-butyl phthalate	0.496	0.629	J	ug/L		127	49 - 243
Di-n-octyl phthalate	0.0993	0.101		ug/L		102	50 - 150
Endosulfan I (Alpha)	0.0993	0.101		ug/L		102	50 - 150
Endosulfan II (Beta)	0.0993	0.108		ug/L		109	50 - 150
Endosulfan sulfate	0.0993	0.0930	J	ug/L		94	50 - 150
Endrin	0.00993	0.00961	J	ug/L		97	50 - 150
Endrin aldehyde	0.0993	0.118		ug/L		119	50 - 150
EPTC	0.0993	0.112		ug/L		112	50 - 150
Fluoranthene	0.0993	0.105		ug/L		106	50 - 150
Fluorene	0.0496	0.0542		ug/L		109	50 - 150
gamma-Chlordane	0.0248	0.0251	J	ug/L		101	50 - 150
Heptachlor	0.00993	0.00981	J	ug/L		99	50 - 150
Heptachlor epoxide (isomer B)	0.00993	0.0102		ug/L		103	50 - 150
Hexachlorobenzene	0.0496	0.0482	J	ug/L		97	50 - 150
Hexachlorocyclopentadiene	0.0496	0.0436	J	ug/L		88	50 - 150
Indeno[1,2,3-cd]pyrene	0.0496	0.0510		ug/L		103	50 - 150
Isophorone	0.0993	0.126		ug/L		127	50 - 150
Lindane	0.00993	0.0124		ug/L		125	50 - 150
Malathion	0.0993	0.111		ug/L		112	50 - 150
Methoxychlor	0.0496	0.0542		ug/L		109	50 - 150
Metolachlor	0.0496	0.0614		ug/L		124	50 - 150
Molinate	0.0993	0.112		ug/L		112	50 - 150
Naphthalene	0.0993	0.114		ug/L		115	50 - 150
Parathion	0.0993	0.0952	J	ug/L		96	50 - 150
Pendimethalin (Penoxaline)	0.0993	0.0933	J	ug/L		94	50 - 150
Phenanthrene	0.0397	0.0387	J	ug/L		98	50 - 150
Propachlor	0.0496	0.0605		ug/L		122	50 - 150
Pyrene	0.0496	0.0517		ug/L		104	50 - 150

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

Lab Sample ID: MRL 380-179303/21-A
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 179303

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Simazine			0.0496	0.0518		ug/L		104	50 - 150		
Terbacil			0.0993	0.127		ug/L		128	50 - 150		
Terbuthylazine			0.0993	0.113		ug/L		114	50 - 150		
Thiobencarb			0.0993	0.114		ug/L		115	50 - 150		
trans-Nonachlor			0.0248	<0.026		ug/L		102	50 - 150		
Trifluralin			0.0993	0.0978	J	ug/L		99	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*101*		*70 - 130*
Perylene-d12	*85*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: 380-175895-I-1-A MS
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene	<0.096		1.92	1.83		ug/L		95	70 - 130		
2,4'-DDD	<0.096		1.92	1.98		ug/L		103	70 - 130		
2,4'-DDE	<0.096		1.92	1.91		ug/L		100	70 - 130		
2,4'-DDT	<0.096		1.92	1.83		ug/L		96	70 - 130		
2,4-Dinitrotoluene	<0.096		1.92	1.83		ug/L		96	70 - 130		
2,6-Dinitrotoluene	<0.096		1.92	1.90		ug/L		99	70 - 130		
2-Methylnaphthalene	<0.096		1.92	1.86		ug/L		97	70 - 130		
4,4'-DDD	<0.096		1.92	2.06		ug/L		107	70 - 130		
4,4'-DDE	<0.096		1.92	1.94		ug/L		101	70 - 130		
4,4'-DDT	<0.096		1.92	1.66		ug/L		86	70 - 130		
Acenaphthene	<0.096		1.92	1.87		ug/L		97	70 - 130		
Acenaphthylene	<0.096		1.92	1.82		ug/L		95	70 - 130		
Acetochlor	<0.096		1.92	2.10		ug/L		110	70 - 130		
Alachlor	<0.048		1.92	2.16		ug/L		113	70 - 130		
alpha-BHC	<0.096		1.92	2.05		ug/L		107	70 - 130		
alpha-Chlordane	<0.048		1.92	1.99		ug/L		102	70 - 130		
Anthracene	<0.019	F1	1.92	1.23	F1	ug/L		64	70 - 130		
Atrazine	<0.048		1.92	2.22		ug/L		116	70 - 130		
Benz(a)anthracene	<0.048		1.92	1.71		ug/L		89	70 - 130		
Benzo[a]pyrene	<0.019		1.92	1.50		ug/L		78	70 - 130		
Benzo[b]fluoranthene	<0.019		1.92	1.89		ug/L		99	70 - 130		
Benzo[g,h,i]perylene	<0.048		1.92	1.76		ug/L		92	70 - 130		
Benzo[k]fluoranthene	<0.019		1.92	1.77		ug/L		92	70 - 130		
beta-BHC	<0.096		1.92	2.00		ug/L		104	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.58		1.92	1.60		ug/L		83	70 - 130		
Bromacil	<0.096		1.92	2.21		ug/L		112	70 - 130		
Butachlor	<0.048		1.92	2.11		ug/L		110	70 - 130		
Butylbenzylphthalate	<0.48		1.92	2.18		ug/L		114	70 - 130		
Chlorobenzilate	<0.096		1.92	2.26		ug/L		118	70 - 130		
Chloroneb	<0.096		1.92	1.88		ug/L		98	70 - 130		
Chlorothalonil (Draconil, Bravo)	<0.096		1.92	2.11		ug/L		110	70 - 130		

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

Lab Sample ID: 380-175895-I-1-A MS
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorpyrifos	<0.048		1.92	2.08		ug/L		109	70 - 130
Chrysene	<0.019		1.92	1.81		ug/L		94	70 - 130
delta-BHC	<0.096		1.92	2.00		ug/L		104	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.92	1.85		ug/L		96	70 - 130
Dibenz(a,h)anthracene	<0.048		1.92	1.71		ug/L		89	70 - 130
Diclorvos (DDVP)	<0.048		1.92	2.05		ug/L		107	70 - 130
Dieldrin	0.032		1.92	1.98		ug/L		101	70 - 130
Diethylphthalate	<0.48		1.92	2.14		ug/L		112	70 - 130
Dimethylphthalate	<0.48		1.92	2.11		ug/L		110	70 - 130
Di-n-butyl phthalate	<0.96		3.84	4.33		ug/L		113	70 - 130
Di-n-octyl phthalate	<0.096		1.92	1.50		ug/L		78	70 - 130
Endosulfan I (Alpha)	<0.096		1.92	1.91		ug/L		99	70 - 130
Endosulfan II (Beta)	<0.096		1.92	1.99		ug/L		104	70 - 130
Endosulfan sulfate	<0.096		1.92	2.01		ug/L		105	70 - 130
Endrin	<0.0096		1.92	2.04		ug/L		106	70 - 130
Endrin aldehyde	<0.096		1.92	1.89		ug/L		98	60 - 130
EPTC	<0.096		1.92	2.06		ug/L		107	70 - 130
Fluoranthene	<0.096		1.92	2.06		ug/L		107	70 - 130
Fluorene	<0.048		1.92	1.95		ug/L		101	70 - 130
gamma-Chlordane	<0.048		1.92	1.96		ug/L		101	70 - 130
Heptachlor	<0.0096		1.92	2.02		ug/L		105	70 - 130
Heptachlor epoxide (isomer B)	0.010		1.92	2.04		ug/L		106	70 - 130
Hexachlorobenzene	<0.048		1.92	2.01		ug/L		105	70 - 130
Hexachlorocyclopentadiene	<0.048		1.92	1.84		ug/L		96	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.92	1.81		ug/L		94	70 - 130
Isophorone	<0.096		1.92	2.02		ug/L		105	70 - 130
Lindane	<0.0096		1.92	1.97		ug/L		102	70 - 130
Malathion	<0.096		1.92	2.04		ug/L		106	70 - 130
Methoxychlor	<0.048		1.92	1.97		ug/L		102	70 - 130
Metolachlor	<0.048		1.92	2.03		ug/L		106	70 - 130
Molinate	<0.096		1.92	2.08		ug/L		108	70 - 130
Naphthalene	<0.096		1.92	1.83		ug/L		95	70 - 130
Parathion	<0.096		1.92	2.08		ug/L		108	70 - 130
Pendimethalin (Penoxaline)	<0.096		1.92	1.81		ug/L		94	70 - 130
Phenanthrene	<0.039		1.92	1.93		ug/L		100	70 - 130
Propachlor	<0.048		1.92	2.20		ug/L		114	70 - 130
Pyrene	<0.048		1.92	2.04		ug/L		106	70 - 130
Simazine	<0.048		1.92	2.21		ug/L		115	70 - 130
Terbacil	<0.096		1.92	2.19		ug/L		114	70 - 130
Terbuthylazine	<0.096		1.92	2.26		ug/L		118	70 - 130
Thiobencarb	<0.096		1.92	2.15		ug/L		112	70 - 130
trans-Nonachlor	<0.048		1.92	1.81		ug/L		94	70 - 130
Trifluralin	<0.096		1.92	1.83		ug/L		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*91*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

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

Lab Sample ID: 380-175898-I-1-A DU
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1-Methylnaphthalene	<0.096			<0.097		ug/L				NC	20
2,4'-DDD	<0.096			<0.097		ug/L				NC	20
2,4'-DDE	<0.096			<0.097		ug/L				NC	20
2,4'-DDT	<0.096			<0.097		ug/L				NC	20
2,4-Dinitrotoluene	<0.096			<0.097		ug/L				NC	20
2,6-Dinitrotoluene	<0.096			<0.097		ug/L				NC	20
2-Methylnaphthalene	<0.096			<0.097		ug/L				NC	20
4,4'-DDD	<0.096			<0.097		ug/L				NC	20
4,4'-DDE	<0.096			<0.097		ug/L				NC	20
4,4'-DDT	<0.096			<0.097		ug/L				NC	20
Acenaphthene	<0.096			<0.097		ug/L				NC	20
Acenaphthylene	<0.096			<0.097		ug/L				NC	20
Acetochlor	<0.096			<0.097		ug/L				NC	20
Alachlor	<0.048			<0.048		ug/L				NC	20
alpha-BHC	<0.096			<0.097		ug/L				NC	20
alpha-Chlordane	<0.048			<0.048		ug/L				NC	20
Anthracene	<0.019			<0.019		ug/L				NC	20
Atrazine	<0.048			<0.048		ug/L				NC	20
Benz(a)anthracene	<0.048			<0.048		ug/L				NC	20
Benzo[a]pyrene	<0.019			<0.019		ug/L				NC	20
Benzo[b]fluoranthene	<0.019			<0.019		ug/L				NC	20
Benzo[g,h,i]perylene	<0.048			<0.048		ug/L				NC	20
Benzo[k]fluoranthene	<0.019			<0.019		ug/L				NC	20
beta-BHC	<0.096			<0.097		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.58			<0.58		ug/L				NC	20
Bromacil	<0.096			<0.097		ug/L				NC	20
Butachlor	<0.048			<0.048		ug/L				NC	20
Butylbenzylphthalate	<0.48			<0.48		ug/L				NC	20
Chlorobenzilate	<0.096			<0.097		ug/L				NC	20
Chloroneb	<0.096			<0.097		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.096			<0.097		ug/L				NC	20
Chlorpyrifos	<0.048			<0.048		ug/L				NC	20
Chrysene	<0.019			<0.019		ug/L				NC	20
delta-BHC	<0.096			<0.097		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.58			<0.58		ug/L				NC	20
Dibenz(a,h)anthracene	<0.048			<0.048		ug/L				NC	20
Diclorvos (DDVP)	<0.048			<0.048		ug/L				NC	20
Dieldrin	<0.0096			<0.0097		ug/L				NC	20
Diethylphthalate	<0.48			<0.48		ug/L				NC	20
Dimethylphthalate	<0.48			<0.48		ug/L				NC	20
Di-n-butyl phthalate	<0.96			<0.97		ug/L				NC	20
Di-n-octyl phthalate	<0.096			<0.097		ug/L				NC	20
Endosulfan I (Alpha)	<0.096			<0.097		ug/L				NC	20
Endosulfan II (Beta)	<0.096			<0.097		ug/L				NC	20
Endosulfan sulfate	<0.096			<0.097		ug/L				NC	20
Endrin	<0.0096			<0.0097		ug/L				NC	20
Endrin aldehyde	<0.096			<0.097		ug/L				NC	20
EPTC	<0.096			<0.097		ug/L				NC	20

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

Lab Sample ID: 380-175898-I-1-A DU
Matrix: Water
Analysis Batch: 179597

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 179303

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Fluoranthene	<0.096			<0.097		ug/L				NC	20
Fluorene	<0.048			<0.048		ug/L				NC	20
gamma-Chlordane	<0.048			<0.048		ug/L				NC	20
Heptachlor	<0.0096			<0.0097		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0096			<0.0097		ug/L				NC	20
Hexachlorobenzene	<0.048			<0.048		ug/L				NC	20
Hexachlorocyclopentadiene	<0.048			<0.048		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.048			<0.048		ug/L				NC	20
Isophorone	<0.096			<0.097		ug/L				NC	20
Lindane	<0.0096			<0.0097		ug/L				NC	20
Malathion	<0.096			<0.097		ug/L				NC	20
Methoxychlor	<0.048			<0.048		ug/L				NC	20
Metolachlor	<0.048			<0.048		ug/L				NC	20
Molinate	<0.096			<0.097		ug/L				NC	20
Naphthalene	<0.096			<0.097		ug/L				NC	20
Parathion	<0.096			<0.097		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.096			<0.097		ug/L				NC	20
Phenanthrene	<0.039			<0.039		ug/L				NC	20
Propachlor	<0.048			<0.048		ug/L				NC	20
Pyrene	<0.048			<0.048		ug/L				NC	20
Simazine	<0.048			<0.048		ug/L				NC	20
Terbacil	<0.096			<0.097		ug/L				NC	20
Terbuthylazine	<0.096			<0.097		ug/L				NC	20
Thiobencarb	<0.096			<0.097		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.19			<0.19		ug/L				NC	20
trans-Nonachlor	<0.048			<0.048		ug/L				NC	20
Trifluralin	<0.096			<0.097		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*82*		*70 - 130*
Triphenylphosphate	*101*		*70 - 130*

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

Lab Sample ID: MB 570-639637/1-A
Matrix: Water
Analysis Batch: 644278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639637

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*	*10/13/25 13:14*	*10/22/25 08:46*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*33 - 139*	*10/13/25 13:14*	*10/22/25 08:46*	*1*
2-Fluorobiphenyl (Surr)	*87*		*33 - 126*	*10/13/25 13:14*	*10/22/25 08:46*	*1*
2-Fluorophenol (Surr)	*61*		*12 - 120*	*10/13/25 13:14*	*10/22/25 08:46*	*1*
Nitrobenzene-d5 (Surr)	*89*		*36 - 120*	*10/13/25 13:14*	*10/22/25 08:46*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*10/13/25 13:14*	*10/22/25 08:46*	*1*

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

Lab Sample ID: MB 570-639637/1-A
Matrix: Water
Analysis Batch: 644278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639637

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*99*		*47 - 131*	*10/13/25 13:14*	*10/22/25 08:46*	*1*

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

Lab Sample ID: MB 570-639637/1-A
Matrix: Water
Analysis Batch: 640485

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639637

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
2-Methylnaphthalene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Acenaphthene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Acenaphthylene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Anthracene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Benzo[a]anthracene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Benzo[a]pyrene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Chrysene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Fluoranthene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Fluorene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Naphthalene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Phenanthrene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1
Pyrene	<0.20		0.20		ug/L		10/13/25 13:14	10/15/25 00:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*65*		*28 - 127*	*10/13/25 13:14*	*10/15/25 00:02*	*1*
2-Fluorobiphenyl (Surr)	*63*		*31 - 120*	*10/13/25 13:14*	*10/15/25 00:02*	*1*
2-Fluorophenol (Surr)	*45*		*17 - 120*	*10/13/25 13:14*	*10/15/25 00:02*	*1*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*	*10/13/25 13:14*	*10/15/25 00:02*	*1*
Phenol-d6 (Surr)	*29*		*10 - 120*	*10/13/25 13:14*	*10/15/25 00:02*	*1*
p-Terphenyl-d14 (Surr)	*66*		*45 - 120*	*10/13/25 13:14*	*10/15/25 00:02*	*1*

Lab Sample ID: LCS 570-639637/2-A
Matrix: Water
Analysis Batch: 640485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639637

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	12.9		ug/L		65	47 - 120
2-Methylnaphthalene	20.0	12.8		ug/L		64	43 - 120
Acenaphthene	20.0	15.0		ug/L		75	60 - 132
Acenaphthylene	20.0	15.0		ug/L		75	54 - 126
Anthracene	20.0	14.9		ug/L		74	43 - 120
Benzo[a]anthracene	20.0	14.9		ug/L		74	42 - 133
Benzo[a]pyrene	20.0	15.5		ug/L		78	32 - 148

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

Lab Sample ID: LCS 570-639637/2-A
Matrix: Water
Analysis Batch: 640485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639637

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[b]fluoranthene			20.0	15.5		ug/L		77	42 - 140		
Benzo[g,h,i]perylene			20.0	15.0		ug/L		75	1 - 195		
Benzo[k]fluoranthene			20.0	15.2		ug/L		76	25 - 146		
Chrysene			20.0	15.2		ug/L		76	44 - 140		
Dibenz(a,h)anthracene			20.0	15.8		ug/L		79	1 - 200		
Fluoranthene			20.0	16.0		ug/L		80	43 - 121		
Fluorene			20.0	15.4		ug/L		77	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	15.3		ug/L		76	1 - 151		
Naphthalene			20.0	12.5		ug/L		63	36 - 120		
Phenanthrene			20.0	15.1		ug/L		75	65 - 120		
Pyrene			20.0	15.2		ug/L		76	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*28 - 127*
2-Fluorobiphenyl (Surr)	*73*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 - 120*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*
Phenol-d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*74*		*45 - 120*

Lab Sample ID: LCSD 570-639637/3-A
Matrix: Water
Analysis Batch: 640485

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639637

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	12.4		ug/L		62	47 - 120	4	20
2-Methylnaphthalene			20.0	12.3		ug/L		61	43 - 120	4	20
Acenaphthene			20.0	14.0		ug/L		70	60 - 132	7	29
Acenaphthylene			20.0	14.3		ug/L		72	54 - 126	5	45
Anthracene			20.0	14.0		ug/L		70	43 - 120	6	40
Benzo[a]anthracene			20.0	13.9		ug/L		70	42 - 133	6	32
Benzo[a]pyrene			20.0	14.4		ug/L		72	32 - 148	7	43
Benzo[b]fluoranthene			20.0	14.1		ug/L		71	42 - 140	9	43
Benzo[g,h,i]perylene			20.0	14.1		ug/L		71	1 - 195	6	61
Benzo[k]fluoranthene			20.0	14.4		ug/L		72	25 - 146	5	38
Chrysene			20.0	14.3		ug/L		72	44 - 140	6	53
Dibenz(a,h)anthracene			20.0	14.5		ug/L		73	1 - 200	8	75
Fluoranthene			20.0	15.0		ug/L		75	43 - 121	6	40
Fluorene			20.0	14.6		ug/L		73	70 - 120	5	23
Indeno[1,2,3-cd]pyrene			20.0	14.2		ug/L		71	1 - 151	7	60
Naphthalene			20.0	11.9		ug/L		60	36 - 120	5	39
Phenanthrene			20.0	14.0		ug/L		70	65 - 120	7	24
Pyrene			20.0	14.4		ug/L		72	70 - 120	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*67*		*28 - 127*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*
2-Fluorophenol (Surr)	*50*		*17 - 120*

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

Lab Sample ID: LCSD 570-639637/3-A
Matrix: Water
Analysis Batch: 640485

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639637

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d6 (Surr)	*33*		*10 - 120*
p-Terphenyl-d14 (Surr)	*70*		*45 - 120*

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

Lab Sample ID: MB 570-642768/6
Matrix: Water
Analysis Batch: 642768

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			10/19/25 12:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*		*10/19/25 12:46*	*1*

Lab Sample ID: LCS 570-642768/4
Matrix: Water
Analysis Batch: 642768

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	370		ug/L		92	78 - 120		

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

Lab Sample ID: LCSD 570-642768/5
Matrix: Water
Analysis Batch: 642768

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	374		ug/L		93	78 - 120	1	10

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

Lab Sample ID: MRL 570-642768/3
Matrix: Water
Analysis Batch: 642768

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		75	50 - 150		

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

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

Lab Sample ID: 380-177173-B-1 MS
Matrix: Water
Analysis Batch: 642768

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	363		ug/L		91	68 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*

Lab Sample ID: 380-177173-B-1 MSD
Matrix: Water
Analysis Batch: 642768

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	327		ug/L		82	68 - 122	10	18

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

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

Lab Sample ID: MB 570-639254/1-A
Matrix: Water
Analysis Batch: 644132

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 639254

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		10/12/25 11:08	10/21/25 23:01	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/12/25 11:08	10/21/25 23:01	1
C8-C18	<25		25		ug/L		10/12/25 11:08	10/21/25 23:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*117*		*60 - 130*	*10/12/25 11:08*	*10/21/25 23:01*	*1*

Lab Sample ID: LCS 570-639254/2-A
Matrix: Water
Analysis Batch: 644132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639254

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			1600	1900		ug/L		119	56 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*119*		*60 - 130*

Lab Sample ID: LCSD 570-639254/3-A
Matrix: Water
Analysis Batch: 644132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639254

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1810		ug/L		113	56 - 127	5	23

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

Lab Sample ID: LCSD 570-639254/3-A
Matrix: Water
Analysis Batch: 644132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 639254

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

Lab Sample ID: MRL 570-639254/4-A
Matrix: Water
Analysis Batch: 644132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 639254

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0315	^3+	mg/L		158	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*118*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 179303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	525.2	
MB 380-179303/20-A	Method Blank	Total/NA	Water	525.2	
LCS 380-179303/22-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-179303/21-A	Lab Control Sample	Total/NA	Water	525.2	
380-175895-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-175898-I-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 179597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	525.2	179303
MB 380-179303/20-A	Method Blank	Total/NA	Water	525.2	179303
LCS 380-179303/22-A	Lab Control Sample	Total/NA	Water	525.2	179303
MRL 380-179303/21-A	Lab Control Sample	Total/NA	Water	525.2	179303
380-175895-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	179303
380-175898-I-1-A DU	Duplicate	Total/NA	Water	525.2	179303

Prep Batch: 639637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	625.1	
MB 570-639637/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-639637/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-639637/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 640485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-639637/1-A	Method Blank	Total/NA	Water	625.1 SIM	639637
LCS 570-639637/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	639637
LCSD 570-639637/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	639637

Analysis Batch: 644216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	625.1 SIM	639637

Analysis Batch: 644278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	625.1	639637
MB 570-639637/1-A	Method Blank	Total/NA	Water	625.1	639637

GC VOA

Analysis Batch: 642768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	8015B GRO LL	
380-175897-2	TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TF	Total/NA	Water	8015B GRO LL	
MB 570-642768/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-642768/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-642768/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-642768/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-177173-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-177173-B-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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

GC Semi VOA

Prep Batch: 639254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	3510C	
MB 570-639254/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-639254/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-639254/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-639254/4-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 644132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP	Total/NA	Drinking Water	8015B	639254
MB 570-639254/1-A	Method Blank	Total/NA	Water	8015B	639254
LCS 570-639254/2-A	Lab Control Sample	Total/NA	Water	8015B	639254
LCSD 570-639254/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	639254
MRL 570-639254/4-A	Lab Control Sample	Total/NA	Water	8015B	639254

Lab Chronicle

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Client Sample ID: AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-1

Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			179303	OTM3	EA POM	10/13/25 08:31
Total/NA	Analysis	525.2		1	179597	Q8LA	EA POM	10/14/25 14:22
Total/NA	Prep	625.1			639637	S4EA	EET CAL 4	10/13/25 13:14
Total/NA	Analysis	625.1		1	644278	PQS1	EET CAL 4	10/22/25 12:26
Total/NA	Prep	625.1			639637	S4EA	EET CAL 4	10/13/25 13:14
Total/NA	Analysis	625.1 SIM		1	644216	PQS1	EET CAL 4	10/22/25 10:43
Total/NA	Analysis	8015B GRO LL		1	642768	YD9V	EET CAL 4	10/19/25 16:12
Total/NA	Prep	3510C			639254	TVD6	EET CAL 4	10/12/25 11:08
Total/NA	Analysis	8015B		1	644132	H6FE	EET CAL 4	10/22/25 01:54

Client Sample ID: TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TP400)

Lab Sample ID: 380-175897-2

Date Collected: 10/07/25 13:00
Date Received: 10/09/25 10:20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	642768	YD9V	EET CAL 4	10/19/25 21:02

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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Laboratory: Eurofins Calscience (Continued)

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

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

Method Summary

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

Job ID: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

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: 380-175897-1
SDG: Weekly: Aiea Wells Pumps 1&2 P2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-175897-1	AIEA WELLS PUMPS 1&2 P2 (260) (331-203-TP400)	Drinking Water	10/07/25 13:00	10/09/25 10:20	Hawaii
380-175897-2	TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TP400)	Water	10/07/25 13:00	10/09/25 10:20	Hawaii

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

Chain of Custody Record

eurofins | Environment Testing

Client Information

Client Contact: Kirk Iwamoto	Sampler: RYAN GREER	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No: 380-28005-2757 1
Company: City & County of Honolulu	Phone: +1 808 748 5840	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: HI	Page: Page 1 of 1
Address: 630 South Beretania Street Chemistry Lab	PWSID:			Job #:
City: Honolulu	Due Date Requested:			
State, Zip: HI 96843	TAT Requested (days):			
Phone: 808-748-5840 (Tel)	Compliance Project: Δ Yes Δ No			
Email: kwamoto@hbws.org	PO #: C20525101 exp 05312023			
Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill	WO #:			
Site: Hawaii	Project #: 38001111			
	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	525.2_PREC - (MOD) 525plus Plus TICs	537 1_DW_PREC - 537 1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	R	RA	Q	QA	Y	I	X	
Halawa Wells Units 1 & 2 P1				Water										
Halawa Wells Units 1 & 2 (Matrix Spike)				Water										
Halawa Wells Units 1 & 2 (Matrix Spike Duplicate)				Water										
TB: Halawa Wells Units 1 & 2				Water										
Aiea Wells Pumps 1&2 (260) P2	7-Oct-2025	1300	G	Water			2	3	2	2				
Aiea Wells Pumps 1&2 (260) (Matrix Spike)				Water										
Aiea Wells Pumps 1&2 (Matrix Spike Duplicate)				Water										380-175897 COC
TB: Aiea Wells Pumps 1&2 (260)	7-Oct-2025	1300	G	Water				2						

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

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

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

Special Instructions/QC Requirements

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FEDEX 885015128562

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[redacted]	10/18/25 1300	HBWS	[signature] Brooks	10/9/25 10 20	EEAP

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

Cooler Temperature(s) °C and Other Remarks: KIA 5.8-0.0=5.8 GEL FROZEN
630A 3.5+0.0=3.5 GEL

Ver 04/02/2024

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

Chain of Custody Record

eurofins | E

Loc: 380
175897

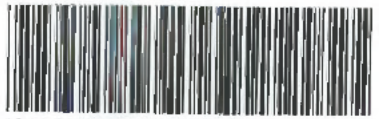
Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-262855.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State - Hawaii		Job #: 380-175897-1
Address: 2841 Dow Avenue, Suite 100, ,	Due Date Requested: 10/22/2025			
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 SWS 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_DAI(MOD) Methanol & Ethanol	8015B_DRO_LL_CS/8510C_LL/HML Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
AIEA WELLS PUMPS 1&2 (260) (331-203-TP400) (380-175897-1	10/7/25	13:00 Hawaiian	G	Water			X	X	X	X	7	, MRLs are needed. Confirm any hits >RL.
TB: AIEA WELLS PUMPS 1&2 (260) (331-203-TP400) (380-1758	10/7/25	13:00 Hawaiian	G	Water					X		2	MRLs are needed.



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:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/25 1610			10-10-25 16:10	EC
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: 2-1/2-3 IR2

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-175897-1
SDG Number: Weekly: Aiea Wells Pumps 1&2 P2

Login Number: 175897
List Number: 1
Creator: Sanchez, Joseph G

List Source: Eurofins Eaton Analytical Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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: 380-175897-1
SDG Number: Weekly: Aiea Wells Pumps 1&2 P2

Login Number: 175897
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 10/10/25 07:42 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	2.3
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	