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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

RED-HILL
Weekly: Aiea Gulch Wells Pump 1
RUSH Weekly Red Hill

JOB NUMBER

380-238977-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

my EOL

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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Definitions/Glossary

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

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
380-238977-1

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 9/30/2026 9:21 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Receipt Exceptions
The following sample(s) was listed on the Chain of Custody (COC); however, no sample(s) was received: Chain of custody listed 2 of 2 GRO Trip Blanks, but received 1 of 2 GRO Trip blanks, enough volume was available for analysis. (XWB4)
TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-238977-2).

GC/MS Semi VOA
Analysis by EPA 625.1 and 625.1 SIM for AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-238977-1) collected on 09/28/26 are a resample for AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-237868-1) collected on 09/21/26. (XWB4)

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: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-810072 and analytical batch 570-813492 recovered outside control limits for the following analytes: C10-C28.
Method: 8015B_DRO_LL_CS
Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-810072 and analytical batch 570-813492 was outside control limits.
Method: 8015B_DRO_LL_CS
Method 8015B: The method reporting limit check (MRL) for preparation batch 570-810072 and analytical batch 570-813492 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: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-238977-1

PWSID Number: HI0000331

No Detections.

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-238977-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

Lab Sample ID: 380-238977-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2,4'-DDD	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2,4'-DDE	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2,4'-DDT	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
2-Methylnaphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
4,4'-DDD	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
4,4'-DDE	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
4,4'-DDT	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Acenaphthene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Acenaphthylene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Acetochlor	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Alachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
alpha-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
alpha-Chlordane	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Anthracene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 20:35	1
Atrazine	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Benz(a)anthracene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Benzo[a]pyrene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 20:35	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 20:35	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 20:35	1
beta-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		09/30/26 13:50	10/01/26 20:35	1
Bromacil	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Butachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Butylbenzylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 20:35	1
Chlorobenzilate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Chloroneb	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Chlorothalonil (Draconil, Bravo)	<0.098	^3+	0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Chlorpyrifos	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Chrysene	<0.020	^3+	0.020		ug/L		09/30/26 13:50	10/01/26 20:35	1
delta-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		09/30/26 13:50	10/01/26 20:35	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Dieldrin	<0.0098	^3+	0.0098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Diethylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 20:35	1
Dimethylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 20:35	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		09/30/26 13:50	10/01/26 20:35	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Endosulfan sulfate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Endrin	<0.0098	^3+	0.0098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Endrin aldehyde	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
EPTC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

Lab Sample ID: 380-238977-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Fluorene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
gamma-Chlordane	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Heptachlor	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Hexachlorobenzene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Isophorone	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Lindane	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Malathion	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Methoxychlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Metolachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Molinate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Naphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Parathion	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Phenanthrene	<0.039		0.039		ug/L		09/30/26 13:50	10/01/26 20:35	1
Propachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Pyrene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Simazine	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Terbacil	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Terbuthylazine	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Thiobencarb	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		09/30/26 13:50	10/01/26 20:35	1
trans-Nonachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 20:35	1
Trifluralin	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 20:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*09/30/26 13:50*	*10/01/26 20:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*96*		*70 - 130*	*09/30/26 13:50*	*10/01/26 20:35*	*1*
Perylene-d12	*95*		*70 - 130*	*09/30/26 13:50*	*10/01/26 20:35*	*1*
Triphenylphosphate	*100*		*70 - 130*	*09/30/26 13:50*	*10/01/26 20:35*	*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		10/03/26 07:30	10/06/26 20:03	1
2-Methylnaphthalene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Acenaphthene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Acenaphthylene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Anthracene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Benzo[a]anthracene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Benzo[a]pyrene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Chrysene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

Lab Sample ID: 380-238977-1

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Fluoranthene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Fluorene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Naphthalene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Phenanthrene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1
Pyrene	<0.19		0.19		ug/L		10/03/26 07:30	10/06/26 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*28 - 127*	*10/03/26 07:30*	*10/06/26 20:03*	*1*
2-Fluorobiphenyl (Surr)	*72*		*31 - 120*	*10/03/26 07:30*	*10/06/26 20:03*	*1*
2-Fluorophenol (Surr)	*46*		*17 - 120*	*10/03/26 07:30*	*10/06/26 20:03*	*1*
Nitrobenzene-d5 (Surr)	*72*		*27 - 120*	*10/03/26 07:30*	*10/06/26 20:03*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*10/03/26 07:30*	*10/06/26 20:03*	*1*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*	*10/03/26 07:30*	*10/06/26 20:03*	*1*

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

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/03/26 07:30*	*10/07/26 11:21*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*33 - 139*	*10/03/26 07:30*	*10/07/26 11:21*	*1*
2-Fluorobiphenyl (Surr)	*69*		*33 - 126*	*10/03/26 07:30*	*10/07/26 11:21*	*1*
2-Fluorophenol (Surr)	*44*		*12 - 120*	*10/03/26 07:30*	*10/07/26 11:21*	*1*
Nitrobenzene-d5 (Surr)	*71*		*36 - 120*	*10/03/26 07:30*	*10/07/26 11:21*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*10/03/26 07:30*	*10/07/26 11:21*	*1*
p-Terphenyl-d14 (Surr)	*91*		*47 - 131*	*10/03/26 07:30*	*10/07/26 11:21*	*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			10/02/26 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*		*10/02/26 17:09*	*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		10/04/26 15:27	10/10/26 15:59	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		10/04/26 15:27	10/10/26 15:59	1
C8-C18	<26		26		ug/L		10/04/26 15:27	10/10/26 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*60 - 130*	*10/04/26 15:27*	*10/10/26 15:59*	*1*

Client Sample Results

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

Lab Sample ID: 380-238977-2
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			10/02/26 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*10/02/26 17:32*	*1*

Action Limit Summary

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-238977-1

PWSID Number: HI0000331

Compliance Check

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

Analyte	Result	Qualifier	Unit	EPAMCL Limit	RL	Method	Prep Type
Alachlor	<0.049		ug/L	2	0.049	525.2	Total/NA
Atrazine	<0.049		ug/L	3	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L	6	0.59	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L	400	0.59	525.2	Total/NA
Endrin	<0.0098	^3+	ug/L	2	0.0098	525.2	Total/NA
Heptachlor	<0.0098		ug/L	0.4	0.0098	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L	1	0.049	525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L	50	0.049	525.2	Total/NA
Lindane	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Methoxychlor	<0.049		ug/L	40	0.049	525.2	Total/NA
Simazine	<0.049		ug/L	4	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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)
380-238977-1	AIEA GULCH WELLS PUMP 1 (	96	95	100

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)
380-238660-AU-1-A MS	Matrix Spike	97	93	104
380-238698-S-1-A DU	Duplicate	95	90	99
LCS 380-255626/19-A	Lab Control Sample	95	95	100
LCSD 380-255626/20-A	Lab Control Sample Dup	94	96	101
MB 380-255626/17-A	Method Blank	94	86	99
MRL 380-255626/18-A	Lab Control Sample	95	88	99

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)
380-238977-1	AIEA GULCH WELLS PUMP 1 (	73	69	44	71	27	91

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 570-809766/1-A	Method Blank	82	85	57	94	38	88

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)
380-238977-1	AIEA GULCH WELLS PUMP 1 (	89	72	46	72	28	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)
380-238986-A-1-A MS	Matrix Spike	94	95	73	70	46	110
380-238986-A-1-B MSD	Matrix Spike Duplicate	86	89	68	66	42	105
LCS 570-809766/2-A	Lab Control Sample	95	93	73	69	46	107
LCSD 570-809766/3-A	Lab Control Sample Dup	93	93	72	68	46	108
MB 570-809766/1-A	Method Blank	102	90	62	94	37	88

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)
380-238977-1	AIEA GULCH WELLS PUMP 1 (	102

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)
380-238344-B-1 MS	Matrix Spike	109
380-238344-B-1 MSD	Matrix Spike Duplicate	102

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-238977-1
Project/Site: RED-HILL
SDG: Weekly: Aiea Gulch Wells Pump 1

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)								
380-238977-2	TB: AIEA GULCH WELLS PUMI	99								
LCS 570-809235/3	Lab Control Sample	99								
LCSD 570-809235/4	Lab Control Sample Dup	96								
MB 570-809235/6	Method Blank	96								
MRL 570-809235/5	Lab Control Sample	97								

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)								
380-238977-1	AIEA GULCH WELLS PUMP 1 (	96								

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)								
380-238986-C-1-A MS	Matrix Spike	66								
380-238986-C-1-B MSD	Matrix Spike Duplicate	97								
LCS 570-810072/2-A	Lab Control Sample	73								
LCSD 570-810072/3-A	Lab Control Sample Dup	97								
MB 570-810072/1-A	Method Blank	102								
MRL 570-810072/4-A	Lab Control Sample	99								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-255626/17-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255626

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2,4'-DDD	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2,4'-DDE	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2,4'-DDT	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
2-Methylnaphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
4,4'-DDD	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
4,4'-DDE	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
4,4'-DDT	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Acenaphthene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Acenaphthylene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Acetochlor	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Alachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
alpha-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
alpha-Chlordane	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Anthracene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 15:32	1
Atrazine	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Benz(a)anthracene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Benzo[a]pyrene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 15:32	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 15:32	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		09/30/26 13:50	10/01/26 15:32	1
beta-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		09/30/26 13:50	10/01/26 15:32	1
Bromacil	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Butachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Butylbenzylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 15:32	1
Chlorobenzilate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Chloroneb	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Chlorothalonil (Draconil, Bravo)	<0.098	^3+	0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Chlorpyrifos	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Chrysene	<0.020	^3+	0.020		ug/L		09/30/26 13:50	10/01/26 15:32	1
delta-BHC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		09/30/26 13:50	10/01/26 15:32	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Dieldrin	<0.0098	^3+	0.0098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Diethylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 15:32	1
Dimethylphthalate	<0.49		0.49		ug/L		09/30/26 13:50	10/01/26 15:32	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		09/30/26 13:50	10/01/26 15:32	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Endosulfan sulfate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Endrin	<0.0098	^3+	0.0098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Endrin aldehyde	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
EPTC	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1

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

Lab Sample ID: MB 380-255626/17-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 255626

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Fluorene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
gamma-Chlordane	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Heptachlor	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Hexachlorobenzene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Isophorone	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Lindane	<0.0098		0.0098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Malathion	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Methoxychlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Metolachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Molinate	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Naphthalene	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Parathion	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Phenanthrene	<0.039		0.039		ug/L		09/30/26 13:50	10/01/26 15:32	1
Propachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Pyrene	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Simazine	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Terbacil	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Terbuthylazine	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Thiobencarb	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		09/30/26 13:50	10/01/26 15:32	1
trans-Nonachlor	<0.049		0.049		ug/L		09/30/26 13:50	10/01/26 15:32	1
Trifluralin	<0.098		0.098		ug/L		09/30/26 13:50	10/01/26 15:32	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclopentene, 1,2,3,4,5-pentamethyl-	*0.510*	*T J N*	*ug/L*		*2.62*	*1000154-28-6*	*09/30/26 13:50*	*10/01/26 15:32*	*1*
Hexadecane, 7-methyl-	*0.515*	*T J N*	*ug/L*		*3.09*	*26730-20-1*	*09/30/26 13:50*	*10/01/26 15:32*	*1*
Undecane	*5.66*	*T J N*	*ug/L*		*3.22*	*1120-21-4*	*09/30/26 13:50*	*10/01/26 15:32*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*94*		*70 - 130*	*09/30/26 13:50*	*10/01/26 15:32*	*1*
Perylene-d12	*86*		*70 - 130*	*09/30/26 13:50*	*10/01/26 15:32*	*1*
Triphenylphosphate	*99*		*70 - 130*	*09/30/26 13:50*	*10/01/26 15:32*	*1*

Lab Sample ID: LCS 380-255626/19-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	2.11		ug/L		107	70 - 130		
2,4'-DDD			1.97	2.05		ug/L		104	70 - 130		
2,4'-DDE			1.97	2.06		ug/L		105	70 - 130		
2,4'-DDT			1.97	2.21		ug/L		112	70 - 130		

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

Lab Sample ID: LCS 380-255626/19-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	1.97	1.84		ug/L		93	70 - 130
2,6-Dinitrotoluene	1.97	1.92		ug/L		97	70 - 130
2-Methylnaphthalene	1.97	2.07		ug/L		105	70 - 130
4,4'-DDD	1.97	2.24		ug/L		114	70 - 130
4,4'-DDE	1.97	2.02		ug/L		103	70 - 130
4,4'-DDT	1.97	2.24		ug/L		114	70 - 130
Acenaphthene	1.97	2.12		ug/L		107	70 - 130
Acenaphthylene	1.97	1.81		ug/L		92	70 - 130
Acetochlor	1.97	2.05		ug/L		104	70 - 130
Alachlor	1.97	2.18		ug/L		111	70 - 130
alpha-BHC	1.97	2.29		ug/L		116	70 - 130
alpha-Chlordane	1.97	1.97		ug/L		100	70 - 130
Anthracene	1.97	1.86		ug/L		95	70 - 130
Atrazine	1.97	2.24		ug/L		114	70 - 130
Benz(a)anthracene	1.97	2.10		ug/L		107	70 - 130
Benzo[a]pyrene	1.97	2.10		ug/L		107	70 - 130
Benzo[b]fluoranthene	1.97	2.14		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.97	2.12		ug/L		108	70 - 130
Benzo[k]fluoranthene	1.97	2.20		ug/L		111	70 - 130
beta-BHC	1.97	2.23		ug/L		113	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	1.94		ug/L		99	70 - 130
Bromacil	1.97	1.94		ug/L		98	70 - 130
Butachlor	1.97	2.27		ug/L		115	70 - 130
Butylbenzylphthalate	1.97	2.16		ug/L		110	70 - 130
Chlorobenzilate	1.97	2.14		ug/L		109	70 - 130
Chloroneb	1.97	2.22		ug/L		113	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.30		ug/L		117	70 - 130
Chlorpyrifos	1.97	2.22		ug/L		113	70 - 130
Chrysene	1.97	2.19		ug/L		111	70 - 130
delta-BHC	1.97	2.40		ug/L		122	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.08		ug/L		105	70 - 130
Dibenz(a,h)anthracene	1.97	2.09		ug/L		106	70 - 130
Diclorvos (DDVP)	1.97	1.96		ug/L		100	70 - 130
Dieldrin	1.97	2.04		ug/L		104	70 - 130
Diethylphthalate	1.97	2.14		ug/L		109	70 - 130
Dimethylphthalate	1.97	2.16		ug/L		109	70 - 130
Di-n-butyl phthalate	3.94	4.36		ug/L		111	70 - 130
Di-n-octyl phthalate	1.97	1.89		ug/L		96	70 - 130
Endosulfan I (Alpha)	1.97	2.09		ug/L		106	70 - 130
Endosulfan II (Beta)	1.97	2.12		ug/L		108	70 - 130
Endosulfan sulfate	1.97	2.15		ug/L		109	70 - 130
Endrin	1.97	2.13		ug/L		108	70 - 130
Endrin aldehyde	1.97	2.02		ug/L		102	60 - 130
EPTC	1.97	2.05		ug/L		104	70 - 130
Fluoranthene	1.97	2.13		ug/L		108	70 - 130
Fluorene	1.97	2.19		ug/L		111	70 - 130
gamma-Chlordane	1.97	2.06		ug/L		104	70 - 130
Heptachlor	1.97	1.96		ug/L		100	70 - 130
Heptachlor epoxide (isomer B)	1.97	2.04		ug/L		104	70 - 130

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

Lab Sample ID: LCS 380-255626/19-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobenzene	1.97	2.06		ug/L		105	70 - 130
Hexachlorocyclopentadiene	1.97	2.18		ug/L		111	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.10		ug/L		107	70 - 130
Isophorone	1.97	2.00		ug/L		102	70 - 130
Lindane	1.97	2.21		ug/L		112	70 - 130
Malathion	1.97	2.17		ug/L		110	70 - 130
Methoxychlor	1.97	2.16		ug/L		110	70 - 130
Metolachlor	1.97	2.18		ug/L		111	70 - 130
Molinate	1.97	2.10		ug/L		106	70 - 130
Naphthalene	1.97	1.94		ug/L		98	70 - 130
Parathion	1.97	1.89		ug/L		96	70 - 130
Pendimethalin (Penoxaline)	1.97	1.93		ug/L		98	70 - 130
Phenanthrene	1.97	2.03		ug/L		103	70 - 130
Propachlor	1.97	2.18		ug/L		111	70 - 130
Pyrene	1.97	2.15		ug/L		109	70 - 130
Simazine	1.97	2.16		ug/L		110	70 - 130
Terbacil	1.97	1.89		ug/L		96	70 - 130
Terbuthylazine	1.97	2.22		ug/L		113	70 - 130
Thiobencarb	1.97	2.16		ug/L		110	70 - 130
trans-Nonachlor	1.97	2.04		ug/L		104	70 - 130
Trifluralin	1.97	1.87		ug/L		95	70 - 130

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

Lab Sample ID: LCSD 380-255626/20-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.97	2.04		ug/L		104	70 - 130	3	20
2,4'-DDD	1.97	2.01		ug/L		102	70 - 130	2	20
2,4'-DDE	1.97	2.05		ug/L		104	70 - 130	1	20
2,4'-DDT	1.97	2.22		ug/L		113	70 - 130	0	20
2,4-Dinitrotoluene	1.97	1.92		ug/L		97	70 - 130	4	20
2,6-Dinitrotoluene	1.97	1.97		ug/L		100	70 - 130	3	20
2-Methylnaphthalene	1.97	2.01		ug/L		102	70 - 130	3	20
4,4'-DDD	1.97	2.21		ug/L		112	70 - 130	1	20
4,4'-DDE	1.97	2.02		ug/L		103	70 - 130	0	20
4,4'-DDT	1.97	2.23		ug/L		113	70 - 130	1	20
Acenaphthene	1.97	2.07		ug/L		105	70 - 130	2	20
Acenaphthylene	1.97	1.98		ug/L		101	70 - 130	9	20
Acetochlor	1.97	2.05		ug/L		104	70 - 130	0	20
Alachlor	1.97	2.17		ug/L		110	70 - 130	0	20
alpha-BHC	1.97	2.20		ug/L		112	70 - 130	4	20
alpha-Chlordane	1.97	1.97		ug/L		100	70 - 130	0	20

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

Lab Sample ID: LCSD 380-255626/20-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255626

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene			1.97	1.84		ug/L		93	70 - 130	1	20
Atrazine			1.97	2.21		ug/L		112	70 - 130	1	20
Benz(a)anthracene			1.97	2.08		ug/L		105	70 - 130	1	20
Benzo[a]pyrene			1.97	2.16		ug/L		109	70 - 130	3	20
Benzo[b]fluoranthene			1.97	2.15		ug/L		109	70 - 130	1	20
Benzo[g,h,i]perylene			1.97	2.13		ug/L		108	70 - 130	1	20
Benzo[k]fluoranthene			1.97	2.21		ug/L		112	70 - 130	1	20
beta-BHC			1.97	2.20		ug/L		112	70 - 130	1	20
Bis(2-ethylhexyl) phthalate			1.97	1.93		ug/L		98	70 - 130	1	20
Bromacil			1.97	1.97		ug/L		100	70 - 130	2	20
Butachlor			1.97	2.27		ug/L		115	70 - 130	0	20
Butylbenzylphthalate			1.97	2.17		ug/L		110	70 - 130	0	20
Chlorobenzilate			1.97	2.16		ug/L		110	70 - 130	1	20
Chloroneb			1.97	2.15		ug/L		109	70 - 130	3	20
Chlorothalonil (Draconil, Bravo)			1.97	2.33		ug/L		118	70 - 130	1	20
Chlorpyrifos			1.97	2.12		ug/L		108	70 - 130	5	20
Chrysene			1.97	2.26		ug/L		115	70 - 130	3	20
delta-BHC			1.97	2.39		ug/L		122	70 - 130	0	20
Di(2-ethylhexyl)adipate			1.97	2.09		ug/L		106	70 - 130	1	20
Dibenz(a,h)anthracene			1.97	2.10		ug/L		107	70 - 130	0	20
Diclorvos (DDVP)			1.97	1.94		ug/L		99	70 - 130	1	20
Dieldrin			1.97	2.03		ug/L		103	70 - 130	1	20
Diethylphthalate			1.97	2.12		ug/L		108	70 - 130	1	20
Dimethylphthalate			1.97	2.10		ug/L		107	70 - 130	2	20
Di-n-butyl phthalate			3.94	4.16		ug/L		106	70 - 130	5	20
Di-n-octyl phthalate			1.97	1.90		ug/L		97	70 - 130	1	20
Endosulfan I (Alpha)			1.97	2.08		ug/L		106	70 - 130	1	20
Endosulfan II (Beta)			1.97	2.09		ug/L		106	70 - 130	2	20
Endosulfan sulfate			1.97	2.12		ug/L		108	70 - 130	1	20
Endrin			1.97	2.11		ug/L		107	70 - 130	1	20
Endrin aldehyde			1.97	2.04		ug/L		104	60 - 130	1	20
EPTC			1.97	2.01		ug/L		102	70 - 130	2	20
Fluoranthene			1.97	2.12		ug/L		108	70 - 130	0	20
Fluorene			1.97	2.14		ug/L		109	70 - 130	2	20
gamma-Chlordane			1.97	2.06		ug/L		105	70 - 130	0	20
Heptachlor			1.97	1.98		ug/L		101	70 - 130	1	20
Heptachlor epoxide (isomer B)			1.97	2.03		ug/L		103	70 - 130	0	20
Hexachlorobenzene			1.97	1.99		ug/L		101	70 - 130	3	20
Hexachlorocyclopentadiene			1.97	2.14		ug/L		109	70 - 130	2	20
Indeno[1,2,3-cd]pyrene			1.97	2.11		ug/L		107	70 - 130	0	20
Isophorone			1.97	1.95		ug/L		99	70 - 130	3	20
Lindane			1.97	2.15		ug/L		109	70 - 130	3	20
Malathion			1.97	2.16		ug/L		110	70 - 130	0	20
Methoxychlor			1.97	2.20		ug/L		112	70 - 130	2	20
Metolachlor			1.97	2.16		ug/L		110	70 - 130	1	20
Molinate			1.97	2.03		ug/L		103	70 - 130	3	20
Naphthalene			1.97	1.88		ug/L		96	70 - 130	3	20
Parathion			1.97	1.98		ug/L		100	70 - 130	4	20
Pendimethalin (Penoxaline)			1.97	2.01		ug/L		102	70 - 130	4	20

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

Lab Sample ID: LCSD 380-255626/20-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	1.97	2.01		ug/L		102	70 - 130	1	20
Propachlor	1.97	2.12		ug/L		108	70 - 130	3	20
Pyrene	1.97	2.13		ug/L		108	70 - 130	1	20
Simazine	1.97	2.16		ug/L		110	70 - 130	0	20
Terbacil	1.97	1.96		ug/L		100	70 - 130	4	20
Terbuthylazine	1.97	2.17		ug/L		110	70 - 130	2	20
Thiobencarb	1.97	2.13		ug/L		108	70 - 130	1	20
trans-Nonachlor	1.97	2.03		ug/L		103	70 - 130	1	20
Trifluralin	1.97	1.92		ug/L		97	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*94*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*101*		*70 - 130*

Lab Sample ID: MRL 380-255626/18-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0985	0.115		ug/L		117	50 - 150
2,4'-DDD	0.0985	0.123		ug/L		124	50 - 150
2,4'-DDE	0.0985	0.137		ug/L		139	50 - 150
2,4'-DDT	0.0985	0.141		ug/L		143	50 - 150
2,4-Dinitrotoluene	0.0985	0.115		ug/L		117	50 - 150
2,6-Dinitrotoluene	0.0985	0.115		ug/L		117	50 - 150
2-Methylnaphthalene	0.0985	0.114		ug/L		116	50 - 150
4,4'-DDD	0.0985	0.144		ug/L		146	50 - 150
4,4'-DDE	0.0985	0.114		ug/L		115	50 - 150
4,4'-DDT	0.0985	0.137		ug/L		139	50 - 150
Acenaphthene	0.0985	0.114		ug/L		115	50 - 150
Acenaphthylene	0.0985	0.0879	J	ug/L		89	50 - 150
Acetochlor	0.0985	0.115		ug/L		117	50 - 150
Alachlor	0.0493	0.0622		ug/L		126	50 - 150
alpha-BHC	0.0985	0.128		ug/L		130	50 - 150
alpha-Chlordane	0.0246	0.0308	J	ug/L		125	50 - 150
Anthracene	0.0197	0.0213		ug/L		108	50 - 150
Atrazine	0.0493	0.0712		ug/L		145	50 - 150
Benz(a)anthracene	0.0493	0.0614		ug/L		125	50 - 150
Benzo[a]pyrene	0.0197	0.0228		ug/L		116	50 - 150
Benzo[b]fluoranthene	0.0197	0.0234		ug/L		119	50 - 150
Benzo[g,h,i]perylene	0.0493	0.0665		ug/L		135	50 - 150
Benzo[k]fluoranthene	0.0197	0.0268		ug/L		136	50 - 150
beta-BHC	0.0985	0.134		ug/L		136	50 - 150
Bis(2-ethylhexyl) phthalate	0.591	0.661		ug/L		112	50 - 150
Bromacil	0.0985	0.116		ug/L		118	50 - 150
Butachlor	0.0493	0.0620		ug/L		126	50 - 150
Butylbenzylphthalate	0.493	0.643		ug/L		131	50 - 150

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

Lab Sample ID: MRL 380-255626/18-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzilate	0.0985	0.109		ug/L		111	50 - 150
Chloroneb	0.0985	0.128		ug/L		130	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0985	0.161	^3+	ug/L		163	50 - 150
Chlorpyrifos	0.0493	0.0636		ug/L		129	50 - 150
Chrysene	0.0197	0.0298	^3+	ug/L		151	50 - 150
delta-BHC	0.0985	0.142		ug/L		144	50 - 150
Di(2-ethylhexyl)adipate	0.591	0.741		ug/L		125	50 - 150
Dibenz(a,h)anthracene	0.0493	0.0591		ug/L		120	50 - 150
Diclorvos (DDVP)	0.0493	0.0570		ug/L		116	50 - 150
Dieldrin	0.00985	0.0174	^3+	ug/L		177	50 - 150
Diethylphthalate	0.493	0.669		ug/L		136	50 - 150
Dimethylphthalate	0.493	0.642		ug/L		130	50 - 150
Di-n-butyl phthalate	0.493	0.705	J	ug/L		143	49 - 243
Di-n-octyl phthalate	0.0985	0.0810	J	ug/L		82	50 - 150
Endosulfan I (Alpha)	0.0985	0.107		ug/L		109	50 - 150
Endosulfan II (Beta)	0.0985	0.115		ug/L		117	50 - 150
Endosulfan sulfate	0.0985	0.148		ug/L		150	50 - 150
Endrin	0.00985	0.0158	^3+	ug/L		161	50 - 150
Endrin aldehyde	0.0985	0.109		ug/L		111	50 - 150
EPTC	0.0985	0.111		ug/L		113	50 - 150
Fluoranthene	0.0985	0.120		ug/L		122	50 - 150
Fluorene	0.0493	0.0598		ug/L		121	50 - 150
gamma-Chlordane	0.0246	0.0293	J	ug/L		119	50 - 150
Heptachlor	0.00985	0.0143		ug/L		145	50 - 150
Heptachlor epoxide (isomer B)	0.00985	0.0121		ug/L		123	50 - 150
Hexachlorobenzene	0.0493	0.0571		ug/L		116	50 - 150
Hexachlorocyclopentadiene	0.0493	0.0679		ug/L		138	50 - 150
Indeno[1,2,3-cd]pyrene	0.0493	0.0596		ug/L		121	50 - 150
Isophorone	0.0985	0.108		ug/L		110	50 - 150
Lindane	0.00985	0.0119		ug/L		121	50 - 150
Malathion	0.0985	0.112		ug/L		114	50 - 150
Methoxychlor	0.0493	0.0591		ug/L		120	50 - 150
Metolachlor	0.0493	0.0609		ug/L		124	50 - 150
Molinate	0.0985	0.122		ug/L		124	50 - 150
Naphthalene	0.0985	0.116		ug/L		118	50 - 150
Parathion	0.0985	0.101		ug/L		102	50 - 150
Pendimethalin (Penoxaline)	0.0985	0.108		ug/L		110	50 - 150
Phenanthrene	0.0394	0.0490		ug/L		124	50 - 150
Propachlor	0.0493	0.0623		ug/L		126	50 - 150
Pyrene	0.0493	0.0593		ug/L		120	50 - 150
Simazine	0.0493	0.0636		ug/L		129	50 - 150
Terbacil	0.0985	0.126		ug/L		128	50 - 150
Terbuthylazine	0.0985	0.138		ug/L		140	50 - 150
Thiobencarb	0.0985	0.126		ug/L		127	50 - 150
trans-Nonachlor	0.0246	0.0312	J	ug/L		127	50 - 150
Trifluralin	0.0985	0.119		ug/L		121	50 - 150

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

Lab Sample ID: MRL 380-255626/18-A
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 255626

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	*95*		*70 - 130*
Perylene-d12	*88*		*70 - 130*
Triphenylphosphate	*99*		*70 - 130*

Lab Sample ID: 380-238660-AU-1-A MS
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.95	2.07		ug/L		106	70 - 130
2,4'-DDD	<0.098		1.95	2.02		ug/L		103	70 - 130
2,4'-DDE	<0.098		1.95	2.07		ug/L		106	70 - 130
2,4'-DDT	<0.098		1.95	2.23		ug/L		114	70 - 130
2,4-Dinitrotoluene	<0.098		1.95	2.18		ug/L		111	70 - 130
2,6-Dinitrotoluene	<0.098		1.95	2.17		ug/L		111	70 - 130
2-Methylnaphthalene	<0.098		1.95	2.05		ug/L		105	70 - 130
4,4'-DDD	<0.098		1.95	2.25		ug/L		115	70 - 130
4,4'-DDE	<0.098		1.95	2.05		ug/L		105	70 - 130
4,4'-DDT	<0.098		1.95	2.23		ug/L		114	70 - 130
Acenaphthene	<0.098		1.95	2.05		ug/L		105	70 - 130
Acenaphthylene	<0.098		1.95	1.89		ug/L		97	70 - 130
Acetochlor	<0.098		1.95	2.11		ug/L		108	70 - 130
Alachlor	<0.049		1.95	2.28		ug/L		117	70 - 130
alpha-BHC	<0.098		1.95	2.23		ug/L		114	70 - 130
alpha-Chlordane	<0.049		1.95	2.03		ug/L		104	70 - 130
Anthracene	<0.020	F1	1.95	0.970	F1	ug/L		50	70 - 130
Atrazine	0.13		1.95	2.29		ug/L		111	70 - 130
Benz(a)anthracene	<0.049		1.95	1.87		ug/L		96	70 - 130
Benzo[a]pyrene	<0.020		1.95	1.74		ug/L		89	70 - 130
Benzo[b]fluoranthene	<0.020		1.95	2.14		ug/L		110	70 - 130
Benzo[g,h,i]perylene	<0.049		1.95	2.09		ug/L		107	70 - 130
Benzo[k]fluoranthene	<0.020		1.95	2.16		ug/L		111	70 - 130
beta-BHC	<0.098		1.95	2.20		ug/L		113	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.95	1.94		ug/L		99	70 - 130
Bromacil	<0.098		1.95	2.05		ug/L		105	70 - 130
Butachlor	<0.049		1.95	2.29		ug/L		117	70 - 130
Butylbenzylphthalate	<0.49		1.95	2.22		ug/L		113	70 - 130
Chlorobenzilate	<0.098		1.95	2.30		ug/L		118	70 - 130
Chloroneb	<0.098		1.95	2.18		ug/L		112	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098	^3+	1.95	2.47		ug/L		126	70 - 130
Chlorpyrifos	<0.049		1.95	2.10		ug/L		108	70 - 130
Chrysene	<0.020	^3+	1.95	2.19		ug/L		112	70 - 130
delta-BHC	<0.098		1.95	2.40		ug/L		123	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.95	2.04		ug/L		104	70 - 130
Dibenz(a,h)anthracene	<0.049		1.95	2.05		ug/L		105	70 - 130
Diclorvos (DDVP)	<0.049		1.95	2.09		ug/L		107	70 - 130
Dieldrin	<0.0098	^3+	1.95	2.09		ug/L		107	70 - 130
Diethylphthalate	<0.49		1.95	2.19		ug/L		112	70 - 130

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

Lab Sample ID: 380-238660-AU-1-A MS
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 255626

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethylphthalate	<0.49		1.95	2.16		ug/L		111	70 - 130
Di-n-butyl phthalate	<0.98		3.91	4.24		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.098		1.95	1.90		ug/L		97	70 - 130
Endosulfan I (Alpha)	<0.098		1.95	2.05		ug/L		105	70 - 130
Endosulfan II (Beta)	<0.098		1.95	2.11		ug/L		108	70 - 130
Endosulfan sulfate	<0.098		1.95	2.16		ug/L		111	70 - 130
Endrin	<0.0098	^3+	1.95	2.04		ug/L		104	70 - 130
Endrin aldehyde	<0.098		1.95	1.83		ug/L		94	60 - 130
EPTC	<0.098		1.95	2.07		ug/L		106	70 - 130
Fluoranthene	<0.098		1.95	2.10		ug/L		107	70 - 130
Fluorene	<0.049		1.95	2.18		ug/L		111	70 - 130
gamma-Chlordane	<0.049		1.95	2.10		ug/L		108	70 - 130
Heptachlor	<0.0098		1.95	2.09		ug/L		107	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.95	2.10		ug/L		108	70 - 130
Hexachlorobenzene	<0.049		1.95	2.03		ug/L		104	70 - 130
Hexachlorocyclopentadiene	<0.049		1.95	2.35		ug/L		119	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.95	2.13		ug/L		109	70 - 130
Isophorone	<0.098		1.95	2.03		ug/L		104	70 - 130
Lindane	<0.0098		1.95	2.20		ug/L		112	70 - 130
Malathion	<0.098		1.95	2.24		ug/L		115	70 - 130
Methoxychlor	<0.049		1.95	2.36		ug/L		121	70 - 130
Metolachlor	<0.049		1.95	2.20		ug/L		112	70 - 130
Molinate	<0.098		1.95	2.10		ug/L		108	70 - 130
Naphthalene	<0.098		1.95	1.92		ug/L		98	70 - 130
Parathion	<0.098		1.95	2.22		ug/L		114	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.95	2.25		ug/L		115	70 - 130
Phenanthrene	<0.039		1.95	1.98		ug/L		101	70 - 130
Propachlor	<0.049		1.95	2.26		ug/L		116	70 - 130
Pyrene	<0.049		1.95	2.08		ug/L		106	70 - 130
Simazine	<0.049		1.95	2.08		ug/L		106	70 - 130
Terbacil	<0.098		1.95	2.05		ug/L		105	70 - 130
Terbuthylazine	<0.098		1.95	2.15		ug/L		110	70 - 130
Thiobencarb	<0.098		1.95	2.17		ug/L		111	70 - 130
trans-Nonachlor	<0.049		1.95	2.04		ug/L		105	70 - 130
Trifluralin	<0.098		1.95	2.16		ug/L		111	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*104*		*70 - 130*

Lab Sample ID: 380-238698-S-1-A DU
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 255626

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

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

Lab Sample ID: 380-238698-S-1-A DU
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 255626

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

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

Lab Sample ID: 380-238698-S-1-A DU
Matrix: Water
Analysis Batch: 255851

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 255626

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

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*95*		*70 - 130*
Perylene-d12	*90*		*70 - 130*
Triphenylphosphate	*99*		*70 - 130*

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

Lab Sample ID: MB 570-809766/1-A
Matrix: Water
Analysis Batch: 811638

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 809766

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*	*10/03/26 07:30*	*10/07/26 10:59*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*33 - 139*	*10/03/26 07:30*	*10/07/26 10:59*	*1*
2-Fluorobiphenyl (Surr)	*85*		*33 - 126*	*10/03/26 07:30*	*10/07/26 10:59*	*1*
2-Fluorophenol (Surr)	*57*		*12 - 120*	*10/03/26 07:30*	*10/07/26 10:59*	*1*
Nitrobenzene-d5 (Surr)	*94*		*36 - 120*	*10/03/26 07:30*	*10/07/26 10:59*	*1*
Phenol-d6 (Surr)	*38*		*10 - 120*	*10/03/26 07:30*	*10/07/26 10:59*	*1*
p-Terphenyl-d14 (Surr)	*88*		*47 - 131*	*10/03/26 07:30*	*10/07/26 10:59*	*1*

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

Lab Sample ID: MB 570-809766/1-A
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 809766

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
2-Methylnaphthalene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Acenaphthene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Acenaphthylene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Anthracene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Benzo[a]anthracene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Benzo[a]pyrene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Chrysene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Fluoranthene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Fluorene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Naphthalene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Phenanthrene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1
Pyrene	<0.20		0.20		ug/L		10/03/26 07:30	10/06/26 16:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*102*		*28 - 127*	*10/03/26 07:30*	*10/06/26 16:43*	*1*
2-Fluorobiphenyl (Surr)	*90*		*31 - 120*	*10/03/26 07:30*	*10/06/26 16:43*	*1*
2-Fluorophenol (Surr)	*62*		*17 - 120*	*10/03/26 07:30*	*10/06/26 16:43*	*1*
Nitrobenzene-d5 (Surr)	*94*		*27 - 120*	*10/03/26 07:30*	*10/06/26 16:43*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*10/03/26 07:30*	*10/06/26 16:43*	*1*
p-Terphenyl-d14 (Surr)	*88*		*45 - 120*	*10/03/26 07:30*	*10/06/26 16:43*	*1*

Lab Sample ID: LCS 570-809766/2-A
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809766

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	11.9		ug/L		59	47 - 120
2-Methylnaphthalene	20.0	12.4		ug/L		62	43 - 120
Acenaphthene	20.0	16.8		ug/L		84	60 - 132
Acenaphthylene	20.0	17.7		ug/L		89	54 - 126
Anthracene	20.0	17.9		ug/L		89	43 - 120
Benzo[a]anthracene	20.0	19.5		ug/L		98	42 - 133
Benzo[a]pyrene	20.0	22.7		ug/L		114	32 - 148
Benzo[b]fluoranthene	20.0	20.3		ug/L		102	42 - 140
Benzo[g,h,i]perylene	20.0	18.7		ug/L		94	1 - 195
Benzo[k]fluoranthene	20.0	19.8		ug/L		99	25 - 146
Chrysene	20.0	18.3		ug/L		92	44 - 140
Dibenz(a,h)anthracene	20.0	18.8		ug/L		94	1 - 200
Fluoranthene	20.0	18.2		ug/L		91	43 - 121
Fluorene	20.0	17.9		ug/L		90	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	19.4		ug/L		97	1 - 151
Naphthalene	20.0	11.6		ug/L		58	36 - 120

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

Lab Sample ID: LCS 570-809766/2-A
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 809766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	18.1		ug/L		90	65 - 120		
Pyrene			20.0	19.9		ug/L		99	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*28 - 127*
2-Fluorobiphenyl (Surr)	*93*		*31 - 120*
2-Fluorophenol (Surr)	*73*		*17 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*107*		*45 - 120*

Lab Sample ID: LCSD 570-809766/3-A
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 809766

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	12.0		ug/L		60	47 - 120	1	20
2-Methylnaphthalene			20.0	12.3		ug/L		62	43 - 120	1	20
Acenaphthene			20.0	17.2		ug/L		86	60 - 132	3	29
Acenaphthylene			20.0	18.2		ug/L		91	54 - 126	2	45
Anthracene			20.0	18.5		ug/L		93	43 - 120	4	40
Benzo[a]anthracene			20.0	20.0		ug/L		100	42 - 133	3	32
Benzo[a]pyrene			20.0	23.6		ug/L		118	32 - 148	4	43
Benzo[b]fluoranthene			20.0	21.2		ug/L		106	42 - 140	4	43
Benzo[g,h,i]perylene			20.0	19.7		ug/L		98	1 - 195	5	61
Benzo[k]fluoranthene			20.0	20.9		ug/L		104	25 - 146	5	38
Chrysene			20.0	18.9		ug/L		94	44 - 140	3	53
Dibenz(a,h)anthracene			20.0	19.5		ug/L		97	1 - 200	3	75
Fluoranthene			20.0	18.8		ug/L		94	43 - 121	3	40
Fluorene			20.0	18.5		ug/L		92	70 - 120	3	23
Indeno[1,2,3-cd]pyrene			20.0	20.3		ug/L		101	1 - 151	5	60
Naphthalene			20.0	11.8		ug/L		59	36 - 120	1	39
Phenanthrene			20.0	18.7		ug/L		94	65 - 120	4	24
Pyrene			20.0	19.7		ug/L		99	70 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*28 - 127*
2-Fluorobiphenyl (Surr)	*93*		*31 - 120*
2-Fluorophenol (Surr)	*72*		*17 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*108*		*45 - 120*

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

Lab Sample ID: 380-238986-A-1-A MS
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 809766

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.3	12.2		ug/L		63	36 - 120
2-Methylnaphthalene	<0.19		19.3	12.7		ug/L		66	32 - 124
Acenaphthene	<0.19		19.3	17.3		ug/L		89	47 - 145
Acenaphthylene	<0.19		19.3	18.0		ug/L		93	33 - 145
Anthracene	<0.19		19.3	18.4		ug/L		95	27 - 133
Benzo[a]anthracene	<0.19		19.3	20.3		ug/L		105	33 - 143
Benzo[a]pyrene	<0.19		19.3	23.5		ug/L		122	17 - 163
Benzo[b]fluoranthene	<0.19		19.3	21.1		ug/L		109	24 - 159
Benzo[g,h,i]perylene	<0.19		19.3	19.1		ug/L		99	1 - 219
Benzo[k]fluoranthene	<0.19		19.3	20.5		ug/L		106	11 - 162
Chrysene	<0.19		19.3	19.0		ug/L		99	17 - 168
Dibenz(a,h)anthracene	<0.19		19.3	19.2		ug/L		100	1 - 227
Fluoranthene	<0.19		19.3	18.4		ug/L		95	26 - 137
Fluorene	<0.19		19.3	18.5		ug/L		96	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.3	19.8		ug/L		103	1 - 171
Naphthalene	<0.19		19.3	11.9		ug/L		62	21 - 133
Phenanthrene	<0.19		19.3	18.5		ug/L		96	54 - 120
Pyrene	<0.19		19.3	20.6		ug/L		107	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*28 - 127*
2-Fluorobiphenyl (Surr)	*95*		*31 - 120*
2-Fluorophenol (Surr)	*73*		*17 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*110*		*45 - 120*

Lab Sample ID: 380-238986-A-1-B MSD
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 809766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.4	11.8		ug/L		61	36 - 120	3	30
2-Methylnaphthalene	<0.19		19.4	12.3		ug/L		64	32 - 124	3	30
Acenaphthene	<0.19		19.4	16.5		ug/L		85	47 - 145	4	48
Acenaphthylene	<0.19		19.4	17.1		ug/L		88	33 - 145	5	74
Anthracene	<0.19		19.4	17.4		ug/L		90	27 - 133	6	66
Benzo[a]anthracene	<0.19		19.4	19.3		ug/L		100	33 - 143	5	53
Benzo[a]pyrene	<0.19		19.4	22.1		ug/L		114	17 - 163	6	72
Benzo[b]fluoranthene	<0.19		19.4	20.2		ug/L		104	24 - 159	4	71
Benzo[g,h,i]perylene	<0.19		19.4	18.5		ug/L		95	1 - 219	3	97
Benzo[k]fluoranthene	<0.19		19.4	19.0		ug/L		98	11 - 162	7	63
Chrysene	<0.19		19.4	17.8		ug/L		92	17 - 168	6	87
Dibenz(a,h)anthracene	<0.19		19.4	18.3		ug/L		94	1 - 227	5	126
Fluoranthene	<0.19		19.4	17.6		ug/L		91	26 - 137	4	66
Fluorene	<0.19		19.4	17.6		ug/L		91	59 - 121	5	38
Indeno[1,2,3-cd]pyrene	<0.19		19.4	19.2		ug/L		99	1 - 171	3	99
Naphthalene	<0.19		19.4	11.5		ug/L		59	21 - 133	3	65

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

Lab Sample ID: 380-238986-A-1-B MSD
Matrix: Water
Analysis Batch: 811118

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 809766

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19		19.4	17.5		ug/L		90	54 - 120	5	39
Pyrene	<0.19		19.4	19.5		ug/L		101	52 - 120	5	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*
2-Fluorobiphenyl (Surr)	*89*		*31 - 120*
2-Fluorophenol (Surr)	*68*		*17 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d6 (Surr)	*42*		*10 - 120*
p-Terphenyl-d14 (Surr)	*105*		*45 - 120*

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

Lab Sample ID: MB 570-809235/6
Matrix: Water
Analysis Batch: 809235

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			10/02/26 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*10/02/26 11:03*	*1*

Lab Sample ID: LCS 570-809235/3
Matrix: Water
Analysis Batch: 809235

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	377		ug/L		94	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*

Lab Sample ID: LCSD 570-809235/4
Matrix: Water
Analysis Batch: 809235

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	366		ug/L		91	78 - 120	3	10

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

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

Lab Sample ID: MRL 570-809235/5
Matrix: Water
Analysis Batch: 809235

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	14.0		ug/L		140	50 - 150		

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

Lab Sample ID: 380-238344-B-1 MS
Matrix: Water
Analysis Batch: 809235

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	396		ug/L		99	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*38 - 134*

Lab Sample ID: 380-238344-B-1 MSD
Matrix: Water
Analysis Batch: 809235

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	387		ug/L		97	68 - 122	2	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*

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

Lab Sample ID: MB 570-810072/1-A
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 810072

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		10/04/26 15:27	10/10/26 15:38	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		10/04/26 15:27	10/10/26 15:38	1
C8-C18	<25		25		ug/L		10/04/26 15:27	10/10/26 15:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 130*	*10/04/26 15:27*	*10/10/26 15:38*	*1*

Lab Sample ID: LCS 570-810072/2-A
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810072

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	901		ug/L		56	56 - 127		

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

Lab Sample ID: LCS 570-810072/2-A
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810072

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	73		60 - 130

Lab Sample ID: LCSD 570-810072/3-A
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 810072

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1190	*1	ug/L		74	56 - 127	27	23

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

Lab Sample ID: MRL 570-810072/4-A
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 810072

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0310	^3+	mg/L		155	50 - 150		

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

Lab Sample ID: 380-238986-C-1-A MS
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 810072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	^3+ F1 *1 F2	1660	905	F1	ug/L		55	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	66		60 - 130

Lab Sample ID: 380-238986-C-1-B MSD
Matrix: Water
Analysis Batch: 813492

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 810072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	^3+ F1 *1 F2	1630	1300	F2	ug/L		79	70 - 130	36	20

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

GC/MS Semi VOA

Prep Batch: 255626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
MB 380-255626/17-A	Method Blank	Total/NA	Water	525.2	
LCS 380-255626/19-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-255626/20-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-255626/18-A	Lab Control Sample	Total/NA	Water	525.2	
380-238660-AU-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-238698-S-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 255851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	255626
MB 380-255626/17-A	Method Blank	Total/NA	Water	525.2	255626
LCS 380-255626/19-A	Lab Control Sample	Total/NA	Water	525.2	255626
LCSD 380-255626/20-A	Lab Control Sample Dup	Total/NA	Water	525.2	255626
MRL 380-255626/18-A	Lab Control Sample	Total/NA	Water	525.2	255626
380-238660-AU-1-A MS	Matrix Spike	Total/NA	Water	525.2	255626
380-238698-S-1-A DU	Duplicate	Total/NA	Water	525.2	255626

Prep Batch: 809766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
MB 570-809766/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-809766/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-809766/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-238986-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-238986-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 811118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	809766
MB 570-809766/1-A	Method Blank	Total/NA	Water	625.1 SIM	809766
LCS 570-809766/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	809766
LCSD 570-809766/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	809766
380-238986-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	809766
380-238986-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	809766

Analysis Batch: 811638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	809766
MB 570-809766/1-A	Method Blank	Total/NA	Water	625.1	809766

GC VOA

Analysis Batch: 809235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-238977-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	8015B GRO LL	
MB 570-809235/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-809235/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-809235/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-809235/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 809235 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238344-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-238344-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 810072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
MB 570-810072/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-810072/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-810072/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-810072/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-238986-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-238986-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 813492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	810072
MB 570-810072/1-A	Method Blank	Total/NA	Water	8015B	810072
LCS 570-810072/2-A	Lab Control Sample	Total/NA	Water	8015B	810072
LCSD 570-810072/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	810072
MRL 570-810072/4-A	Lab Control Sample	Total/NA	Water	8015B	810072
380-238986-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	810072
380-238986-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	810072

Lab Chronicle

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-238977-1

Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			255626	IQ42	EA POM	09/30/26 13:50
Total/NA	Analysis	525.2		1	255851	UPAC	EA POM	10/01/26 20:35
Total/NA	Prep	625.1			809766	KLZQ	EET CAL 4	10/03/26 07:30
Total/NA	Analysis	625.1		1	811638	PQS1	EET CAL 4	10/07/26 11:21
Total/NA	Prep	625.1			809766	KLZQ	EET CAL 4	10/03/26 07:30
Total/NA	Analysis	625.1 SIM		1	811118	S4EA	EET CAL 4	10/06/26 20:03
Total/NA	Analysis	8015B GRO LL		1	809235	A9VE	EET CAL 4	10/02/26 17:09
Total/NA	Prep	3510C			810072	ATRL	EET CAL 4	10/04/26 15:27
Total/NA	Analysis	8015B		1	813492	H6FE	EET CAL 4	10/10/26 15:59

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

Lab Sample ID: 380-238977-2

Date Collected: 09/28/26 10:53
Date Received: 09/30/26 09:21

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	809235	A9VE	EET CAL 4	10/02/26 17:32

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: 380-238977-1
SDG: Weekly: Aiea Gulch 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	01-31-27

The following analytes are included in this report, but the laboratory is not certified by Hawaii State CA00006. 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	03-02-27
Arizona	State	AZ0830	11-16-26
California	Los Angeles County Sanitation Districts	9257304	07-31-28
California	SCAQMD LAP	17LA0919	11-30-26

Accreditation/Certification Summary

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch 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	07-31-28
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	07-31-27
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	01-01-27
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-238977-1
SDG: Weekly: Aiea Gulch 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: 380-238977-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-238977-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	09/28/26 10:53	09/30/26 09:21	HI0000331
380-238977-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Water	09/28/26 10:53	09/30/26 09:21	

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

Chain of Custody Record

eurofins

380-238977 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: Page 1 of 1
Company: City & County of Honolulu	PWSID:			Job #:

Address: 630 South Beretania Street Chemistry Lab	Due Date Requested:
City: Honolulu	TAT Requested (days):
State, Zip: HI, 96843	Compliance Project: Δ Yes Δ No
Phone: 808-748-5840 (Tel)	PO #: C20525101 exp 05312023
Email: kiwamoto@hbws.org	WO #:
Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill	Project #: 38001111
Site: Hawaii	SSOW#:

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges: C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	537.1_DW_PREC - 537.1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA	Y	I		
Aiea Gulch Wells Pump 1 (331-201-TP071)	28-Sep-2026	1053	G	Water			2	3	2	2				
Aiea Gulch Wells Pump 1 (331-201-TP071) (Matrix Spike)				Water										
Aiea Gulch Wells Pump 1 (331-201-TP071)(Matrix Spike Duplicate)				Water										
TB: Aiea Gulch Wells Pump 1 (331-201-TP071)	28-Sep-2026	1053		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:
[redacted]	Date/Time: 28Sep2026 1400	Company: HBWS	Received by: [signature]
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: (blk) 2.1 2.1 gel

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

Chain of Custody Record

eurofins | Loc: 380

238977

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-387531.1
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 #: 380-238977-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 10/12/2026			
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 (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	625.1_SIM/625_Prep(MOD) Extended PAH List	8015B_DRO_LL_CS/3510C_LL,HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-238977-1)	9/28/26	10:53 Hawaiian	G	Water			X	X	X	X	7	, MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-23897	9/28/26	10:53 Hawaiian	G	Water						X	1	MRLs are needed. Confirm any hits >RL.

380-238977 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
Mark Urrutia	9/30/26 1550	EEAP	Manuel Garcia	9/30/26 1550	EEAP
Relinquished by: Manuel Garcia	Date/Time: 9/30/26 1730	Company EEAP	Received by:	Date/Time: 9/30/26 1730	Company EEAP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.4/1.9 IR-9

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-238977-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 238977
List Number: 1
Creator: Tran, Kristine

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
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: 380-238977-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 238977
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 10/01/26 03:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	