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ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
630 South Beretania Street
Public Service Bldg. Room 310
Honolulu, Hawaii 96843

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JOB DESCRIPTION

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

JOB NUMBER

380-246374-1

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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Authorized for release by
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Definitions/Glossary

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

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

Glossary

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

Job Narrative
380-246374-1

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 11/5/2026 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.9°C and 4.0°C.

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

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

Diesel Range Organics
Method 8015B: The method reporting limit check (MRL) for preparation batch 570-828563 and analytical batch 570-831263 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: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-246374-1
PWSID Number: HI0000331

No Detections.

Client Sample ID: TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-246374-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 11/02/26 11:50
Date Received: 11/05/26 10:20

Lab Sample ID: 380-246374-1
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	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2,4'-DDD	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2,4'-DDE	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2,4'-DDT	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
2-Methylnaphthalene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
4,4'-DDD	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
4,4'-DDE	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
4,4'-DDT	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Acenaphthene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Acenaphthylene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Acetochlor	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Alachlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
alpha-BHC	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
alpha-Chlordane	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Anthracene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 17:53	1
Atrazine	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Benz(a)anthracene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Benzo[a]pyrene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 17:53	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 17:53	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 17:53	1
beta-BHC	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60		ug/L		11/05/26 15:33	11/06/26 17:53	1
Bromacil	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Butachlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Butylbenzylphthalate	<0.50		0.50		ug/L		11/05/26 15:33	11/06/26 17:53	1
Chlorobenzilate	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Chloroneb	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Chlorpyrifos	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Chrysene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 17:53	1
delta-BHC	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Di(2-ethylhexyl)adipate	<0.60		0.60		ug/L		11/05/26 15:33	11/06/26 17:53	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Dieldrin	<0.0099		0.0099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Diethylphthalate	<0.50		0.50		ug/L		11/05/26 15:33	11/06/26 17:53	1
Dimethylphthalate	<0.50		0.50		ug/L		11/05/26 15:33	11/06/26 17:53	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		11/05/26 15:33	11/06/26 17:53	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Endosulfan sulfate	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Endrin	<0.0099		0.0099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Endrin aldehyde	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
EPTC	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-246374-1

Date Collected: 11/02/26 11:50
Matrix: Drinking Water

Date Received: 11/05/26 10:20
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Fluorene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
gamma-Chlordane	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Heptachlor	<0.0099		0.0099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Hexachlorobenzene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Isophorone	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Lindane	<0.0099		0.0099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Malathion	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Methoxychlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Metolachlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Molinate	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Naphthalene	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Parathion	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Phenanthrene	<0.040		0.040		ug/L		11/05/26 15:33	11/06/26 17:53	1
Propachlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Pyrene	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Simazine	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Terbacil	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Terbuthylazine	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Thiobencarb	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		11/05/26 15:33	11/06/26 17:53	1
trans-Nonachlor	<0.050		0.050		ug/L		11/05/26 15:33	11/06/26 17:53	1
Trifluralin	<0.099		0.099		ug/L		11/05/26 15:33	11/06/26 17:53	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.68*	*T J*	*ug/L*		*3.71*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*0.74*	*T J*	*ug/L*		*7.66*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*1.3*	*T J*	*ug/L*		*9.22*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*1.5*	*T J*	*ug/L*		*10.13*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*1.3*	*T J*	*ug/L*		*12.05*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*1.1*	*T J*	*ug/L*		*13.03*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*0.96*	*T J*	*ug/L*		*14.00*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Unknown	*0.82*	*T J*	*ug/L*		*14.98*	*N/A*	*11/05/26 15:33*	*11/06/26 17:53*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*101*		*70 - 130*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Perylene-d12	*97*		*70 - 130*	*11/05/26 15:33*	*11/06/26 17:53*	*1*
Triphenylphosphate	*101*		*70 - 130*	*11/05/26 15:33*	*11/06/26 17:53*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
2-Methylnaphthalene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Acenaphthene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Acenaphthylene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 11/02/26 11:50
Date Received: 11/05/26 10:20

Lab Sample ID: 380-246374-1
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
Anthracene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Benzo[a]anthracene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Benzo[a]pyrene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Chrysene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Fluoranthene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Fluorene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Naphthalene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Phenanthrene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1
Pyrene	<0.20		0.20		ug/L		11/08/26 07:50	11/11/26 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*	*11/08/26 07:50*	*11/11/26 14:21*	*1*
2-Fluorobiphenyl (Surr)	*62*		*31 - 120*	*11/08/26 07:50*	*11/11/26 14:21*	*1*
2-Fluorophenol (Surr)	*40*		*17 - 120*	*11/08/26 07:50*	*11/11/26 14:21*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*11/08/26 07:50*	*11/11/26 14:21*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*11/08/26 07:50*	*11/11/26 14:21*	*1*
p-Terphenyl-d14 (Surr)	*65*		*45 - 120*	*11/08/26 07:50*	*11/11/26 14:21*	*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*	*11/08/26 07:50*	*11/12/26 17:03*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*33 - 139*	*11/08/26 07:50*	*11/12/26 17:03*	*1*
2-Fluorobiphenyl (Surr)	*72*		*33 - 126*	*11/08/26 07:50*	*11/12/26 17:03*	*1*
2-Fluorophenol (Surr)	*49*		*12 - 120*	*11/08/26 07:50*	*11/12/26 17:03*	*1*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*	*11/08/26 07:50*	*11/12/26 17:03*	*1*
Phenol-d6 (Surr)	*25*		*10 - 120*	*11/08/26 07:50*	*11/12/26 17:03*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 131*	*11/08/26 07:50*	*11/12/26 17:03*	*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			11/08/26 13:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*		*11/08/26 13:42*	*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		11/08/26 10:11	11/14/26 04:29	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		11/08/26 10:11	11/14/26 04:29	1
C8-C18	<26		26		ug/L		11/08/26 10:11	11/14/26 04:29	1

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-246374-1

Date Collected: 11/02/26 11:50
Date Received: 11/05/26 10:20

Matrix: Drinking Water
PWSID Number: HI0000331

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*112*		*60 - 130*	*11/08/26 10:11*	*11/14/26 04:29*	*1*

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

Lab Sample ID: 380-246374-2

Date Collected: 11/02/26 11:50
Date Received: 11/05/26 10:20

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			11/08/26 21:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*11/08/26 21:53*	*1*

Action Limit Summary

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-246374-1

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	<0.050		ug/L	2	0.050	525.2	Total/NA
Atrazine	<0.050		ug/L	3	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.60		ug/L	6	0.60	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.60		ug/L	400	0.60	525.2	Total/NA
Endrin	<0.0099		ug/L	2	0.0099	525.2	Total/NA
Heptachlor	<0.0099		ug/L	0.4	0.0099	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Hexachlorobenzene	<0.050		ug/L	1	0.050	525.2	Total/NA
Hexachlorocyclopentadiene	<0.050		ug/L	50	0.050	525.2	Total/NA
Lindane	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Methoxychlor	<0.050		ug/L	40	0.050	525.2	Total/NA
Simazine	<0.050		ug/L	4	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-246374-1
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)
380-246374-1	AIEA GULCH WELLS PUMP 1 (331	101	97	101
380-246374-1 DU	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	101	89	105

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)
380-246373-I-1-A MS	Matrix Spike	98	98	107
LCS 380-263894/23-A	Lab Control Sample	100	99	108
MB 380-263894/21-A	Method Blank	98	94	105
MRL 380-263894/22-A	Lab Control Sample	101	94	105

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)
380-246374-1	AIEA GULCH WELLS PUMP 1 (331	60	72	49	79	25	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 - 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 570-828382/1-A	Method Blank	88	92	69	108	40	105

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)		
380-246374-1	AIEA GULCH WELLS PUMP 1 (331	78	62	40	70	27	65		

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)		
380-246391-A-1-A MS	Matrix Spike	84	71	56	59	40	94		
380-246391-A-1-B MSD	Matrix Spike Duplicate	88	80	58	62	39	96		
LCS 570-828382/2-A	Lab Control Sample	87	78	57	63	39	95		
LCSD 570-828382/3-A	Lab Control Sample Dup	74	70	52	56	36	88		
MB 570-828382/1-A	Method Blank	76	70	51	77	34	59		

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)							
380-246374-1	AIEA GULCH WELLS PUMP 1 (331	92							

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)							
380-246374-2	TB: AIEA GULCH WELLS PUMP 1 (	93							
570-303137-D-3 MS	Matrix Spike	95							

Surrogate Summary

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

Job ID: 380-246374-1
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)								
		BFB1								
Lab Sample ID	Client Sample ID	(38-134)								
570-303137-F-3 MSD	Matrix Spike Duplicate	95								
LCS 570-828554/3	Lab Control Sample	91								
LCSD 570-828554/4	Lab Control Sample Dup	90								
MB 570-828554/6	Method Blank	93								
MRL 570-828554/5	Lab Control Sample	89								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-246374-1	AIEA GULCH WELLS PUMP 1 (331	112								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-246391-C-1-A MS	Matrix Spike	107								
380-246391-C-1-B MSD	Matrix Spike Duplicate	105								
LCS 570-828563/2-A	Lab Control Sample	104								
LCSD 570-828563/3-A	Lab Control Sample Dup	92								
MB 570-828563/1-A	Method Blank	101								
MRL 570-828563/4-A	Lab Control Sample	106								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MB 380-263894/21-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 263894

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2,4'-DDD	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2,4'-DDE	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2,4'-DDT	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
2-Methylnaphthalene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
4,4'-DDD	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
4,4'-DDE	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
4,4'-DDT	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Acenaphthene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Acenaphthylene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Acetochlor	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Alachlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
alpha-BHC	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
alpha-Chlordane	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Anthracene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 15:50	1
Atrazine	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Benz(a)anthracene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Benzo[a]pyrene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 15:50	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 15:50	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 15:50	1
beta-BHC	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		11/05/26 15:33	11/06/26 15:50	1
Bromacil	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Butachlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Butylbenzylphthalate	<0.49		0.49		ug/L		11/05/26 15:33	11/06/26 15:50	1
Chlorobenzilate	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Chloroneb	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Chlorpyrifos	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Chrysene	<0.020		0.020		ug/L		11/05/26 15:33	11/06/26 15:50	1
delta-BHC	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		11/05/26 15:33	11/06/26 15:50	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Dieldrin	<0.0098		0.0098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Diethylphthalate	<0.49		0.49		ug/L		11/05/26 15:33	11/06/26 15:50	1
Dimethylphthalate	<0.49		0.49		ug/L		11/05/26 15:33	11/06/26 15:50	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		11/05/26 15:33	11/06/26 15:50	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Endosulfan sulfate	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Endrin	<0.0098		0.0098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Endrin aldehyde	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
EPTC	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1

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

Lab Sample ID: MB 380-263894/21-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 263894

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Fluorene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
gamma-Chlordane	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Heptachlor	<0.0098		0.0098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Hexachlorobenzene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Isophorone	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Lindane	<0.0098		0.0098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Malathion	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Methoxychlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Metolachlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Molinate	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Naphthalene	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Parathion	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Phenanthrene	<0.039		0.039		ug/L		11/05/26 15:33	11/06/26 15:50	1
Propachlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Pyrene	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Simazine	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Terbacil	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Terbuthylazine	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Thiobencarb	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		11/05/26 15:33	11/06/26 15:50	1
trans-Nonachlor	<0.049		0.049		ug/L		11/05/26 15:33	11/06/26 15:50	1
Trifluralin	<0.098		0.098		ug/L		11/05/26 15:33	11/06/26 15:50	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
9-Octadecenamide, (Z)-	*1.80*	*T J N*	*ug/L*		*7.57*	*301-02-0*	*11/05/26 15:33*	*11/06/26 15:50*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*11/05/26 15:33*	*11/06/26 15:50*	*1*
Perylene-d12	*94*		*70 - 130*	*11/05/26 15:33*	*11/06/26 15:50*	*1*
Triphenylphosphate	*105*		*70 - 130*	*11/05/26 15:33*	*11/06/26 15:50*	*1*

Lab Sample ID: LCS 380-263894/23-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.97	2.00		ug/L		102	70 - 130
2,4'-DDD	1.97	2.09		ug/L		106	70 - 130
2,4'-DDE	1.97	2.16		ug/L		110	70 - 130
2,4'-DDT	1.97	2.03		ug/L		103	70 - 130
2,4-Dinitrotoluene	1.97	2.04		ug/L		104	70 - 130
2,6-Dinitrotoluene	1.97	1.95		ug/L		99	70 - 130
2-Methylnaphthalene	1.97	2.06		ug/L		105	70 - 130

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

Lab Sample ID: LCS 380-263894/23-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	1.97	2.05		ug/L		104	70 - 130
4,4'-DDE	1.97	2.06		ug/L		105	70 - 130
4,4'-DDT	1.97	2.08		ug/L		106	70 - 130
Acenaphthene	1.97	1.98		ug/L		101	70 - 130
Acenaphthylene	1.97	1.84		ug/L		94	70 - 130
Acetochlor	1.97	2.13		ug/L		108	70 - 130
Alachlor	1.97	2.09		ug/L		106	70 - 130
alpha-BHC	1.97	2.03		ug/L		103	70 - 130
alpha-Chlordane	1.97	2.08		ug/L		106	70 - 130
Anthracene	1.97	1.82		ug/L		92	70 - 130
Atrazine	1.97	2.07		ug/L		105	70 - 130
Benz(a)anthracene	1.97	2.10		ug/L		107	70 - 130
Benzo[a]pyrene	1.97	1.98		ug/L		100	70 - 130
Benzo[b]fluoranthene	1.97	2.09		ug/L		106	70 - 130
Benzo[g,h,i]perylene	1.97	2.08		ug/L		106	70 - 130
Benzo[k]fluoranthene	1.97	1.87		ug/L		95	70 - 130
beta-BHC	1.97	2.14		ug/L		109	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	1.93		ug/L		98	70 - 130
Bromacil	1.97	1.88		ug/L		96	70 - 130
Butachlor	1.97	2.15		ug/L		109	70 - 130
Butylbenzylphthalate	1.97	2.30		ug/L		117	70 - 130
Chlorobenzilate	1.97	1.98		ug/L		101	70 - 130
Chloroneb	1.97	2.02		ug/L		103	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.10		ug/L		107	70 - 130
Chlorpyrifos	1.97	2.16		ug/L		110	70 - 130
Chrysene	1.97	2.05		ug/L		104	70 - 130
delta-BHC	1.97	2.19		ug/L		111	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.18		ug/L		111	70 - 130
Dibenz(a,h)anthracene	1.97	2.03		ug/L		103	70 - 130
Diclorvos (DDVP)	1.97	1.93		ug/L		98	70 - 130
Dieldrin	1.97	2.07		ug/L		105	70 - 130
Diethylphthalate	1.97	2.15		ug/L		109	70 - 130
Dimethylphthalate	1.97	2.10		ug/L		107	70 - 130
Di-n-butyl phthalate	3.94	4.38		ug/L		111	70 - 130
Di-n-octyl phthalate	1.97	1.89		ug/L		96	70 - 130
Endosulfan I (Alpha)	1.97	2.21		ug/L		112	70 - 130
Endosulfan II (Beta)	1.97	2.14		ug/L		109	70 - 130
Endosulfan sulfate	1.97	2.07		ug/L		105	70 - 130
Endrin	1.97	2.16		ug/L		110	70 - 130
Endrin aldehyde	1.97	2.05		ug/L		104	60 - 130
EPTC	1.97	2.02		ug/L		103	70 - 130
Fluoranthene	1.97	2.06		ug/L		105	70 - 130
Fluorene	1.97	2.06		ug/L		105	70 - 130
gamma-Chlordane	1.97	1.98		ug/L		101	70 - 130
Heptachlor	1.97	1.96		ug/L		100	70 - 130
Heptachlor epoxide (isomer B)	1.97	2.01		ug/L		102	70 - 130
Hexachlorobenzene	1.97	1.95		ug/L		99	70 - 130
Hexachlorocyclopentadiene	1.97	1.94		ug/L		98	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.10		ug/L		107	70 - 130

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

Lab Sample ID: LCS 380-263894/23-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	1.97	2.01		ug/L		102	70 - 130
Lindane	1.97	2.10		ug/L		107	70 - 130
Malathion	1.97	2.09		ug/L		106	70 - 130
Methoxychlor	1.97	2.00		ug/L		102	70 - 130
Metolachlor	1.97	2.21		ug/L		112	70 - 130
Molinate	1.97	2.06		ug/L		105	70 - 130
Naphthalene	1.97	1.99		ug/L		101	70 - 130
Parathion	1.97	2.18		ug/L		111	70 - 130
Pendimethalin (Penoxaline)	1.97	2.08		ug/L		106	70 - 130
Phenanthrene	1.97	2.07		ug/L		105	70 - 130
Propachlor	1.97	2.14		ug/L		109	70 - 130
Pyrene	1.97	2.13		ug/L		108	70 - 130
Simazine	1.97	2.08		ug/L		106	70 - 130
Terbacil	1.97	2.00		ug/L		101	70 - 130
Terbuthylazine	1.97	2.12		ug/L		108	70 - 130
Thiobencarb	1.97	2.14		ug/L		109	70 - 130
trans-Nonachlor	1.97	2.06		ug/L		105	70 - 130
Trifluralin	1.97	2.05		ug/L		104	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

Lab Sample ID: MRL 380-263894/22-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0983	0.0988		ug/L		100	50 - 150
2,4'-DDD	0.0983	0.0942	J	ug/L		96	50 - 150
2,4'-DDE	0.0983	0.106		ug/L		108	50 - 150
2,4'-DDT	0.0983	0.111		ug/L		112	50 - 150
2,4-Dinitrotoluene	0.0983	0.116		ug/L		118	50 - 150
2,6-Dinitrotoluene	0.0983	0.115		ug/L		117	50 - 150
2-Methylnaphthalene	0.0983	0.101		ug/L		103	50 - 150
4,4'-DDD	0.0983	0.108		ug/L		110	50 - 150
4,4'-DDE	0.0983	0.110		ug/L		111	50 - 150
4,4'-DDT	0.0983	0.117		ug/L		119	50 - 150
Acenaphthene	0.0983	0.0945	J	ug/L		96	50 - 150
Acenaphthylene	0.0983	0.0780	J	ug/L		79	50 - 150
Acetochlor	0.0983	0.112		ug/L		114	50 - 150
Alachlor	0.0492	0.0547		ug/L		111	50 - 150
alpha-BHC	0.0983	0.107		ug/L		108	50 - 150
alpha-Chlordane	0.0246	<0.029		ug/L		108	50 - 150
Anthracene	0.0197	0.0211		ug/L		108	50 - 150
Atrazine	0.0492	0.0565		ug/L		115	50 - 150
Benz(a)anthracene	0.0492	0.0575		ug/L		117	50 - 150

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

Lab Sample ID: MRL 380-263894/22-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]pyrene	0.0197	0.0263		ug/L		134	50 - 150
Benzo[b]fluoranthene	0.0197	0.0235		ug/L		120	50 - 150
Benzo[g,h,i]perylene	0.0492	0.0456	J	ug/L		93	50 - 150
Benzo[k]fluoranthene	0.0197	0.0257		ug/L		131	50 - 150
beta-BHC	0.0983	0.111		ug/L		113	50 - 150
Bis(2-ethylhexyl) phthalate	0.590	0.577	J	ug/L		98	50 - 150
Bromacil	0.0983	0.115		ug/L		117	50 - 150
Butachlor	0.0492	0.0585		ug/L		119	50 - 150
Butylbenzylphthalate	0.492	0.605		ug/L		123	50 - 150
Chlorobenzilate	0.0983	0.114		ug/L		116	50 - 150
Chloroneb	0.0983	0.106		ug/L		108	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0983	0.113		ug/L		115	50 - 150
Chlorpyrifos	0.0492	0.0588		ug/L		120	50 - 150
Chrysene	0.0197	0.0190	J	ug/L		97	50 - 150
delta-BHC	0.0983	0.106		ug/L		108	50 - 150
Di(2-ethylhexyl)adipate	0.590	0.681		ug/L		115	50 - 150
Dibenz(a,h)anthracene	0.0492	0.0492		ug/L		100	50 - 150
Diclorvos (DDVP)	0.0492	0.0655		ug/L		133	50 - 150
Dieldrin	0.00983	0.0113		ug/L		115	50 - 150
Diethylphthalate	0.492	0.583		ug/L		119	50 - 150
Dimethylphthalate	0.492	0.512		ug/L		104	50 - 150
Di-n-butyl phthalate	0.492	0.549	J	ug/L		112	49 - 243
Di-n-octyl phthalate	0.0983	0.100		ug/L		102	50 - 150
Endosulfan I (Alpha)	0.0983	0.0870	J	ug/L		88	50 - 150
Endosulfan II (Beta)	0.0983	0.109		ug/L		111	50 - 150
Endosulfan sulfate	0.0983	0.117		ug/L		119	50 - 150
Endrin	0.00983	0.0123		ug/L		125	50 - 150
Endrin aldehyde	0.0983	0.118		ug/L		120	50 - 150
EPTC	0.0983	0.0968	J	ug/L		98	50 - 150
Fluoranthene	0.0983	0.100		ug/L		102	50 - 150
Fluorene	0.0492	0.0499		ug/L		101	50 - 150
gamma-Chlordane	0.0246	0.0258	J	ug/L		105	50 - 150
Heptachlor	0.00983	0.0131		ug/L		133	50 - 150
Heptachlor epoxide (isomer B)	0.00983	0.0133		ug/L		135	50 - 150
Hexachlorobenzene	0.0492	0.0507		ug/L		103	50 - 150
Hexachlorocyclopentadiene	0.0492	0.0539		ug/L		110	50 - 150
Indeno[1,2,3-cd]pyrene	0.0492	0.0515		ug/L		105	50 - 150
Isophorone	0.0983	0.0888	J	ug/L		90	50 - 150
Lindane	0.00983	0.0100		ug/L		102	50 - 150
Malathion	0.0983	0.112		ug/L		114	50 - 150
Methoxychlor	0.0492	0.0584		ug/L		119	50 - 150
Metolachlor	0.0492	0.0573		ug/L		117	50 - 150
Molinate	0.0983	0.105		ug/L		107	50 - 150
Naphthalene	0.0983	0.0993		ug/L		101	50 - 150
Parathion	0.0983	0.104		ug/L		106	50 - 150
Pendimethalin (Penoxaline)	0.0983	0.104		ug/L		106	50 - 150
Phenanthrene	0.0393	0.0429		ug/L		109	50 - 150
Propachlor	0.0492	0.0576		ug/L		117	50 - 150
Pyrene	0.0492	0.0530		ug/L		108	50 - 150

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

Lab Sample ID: MRL 380-263894/22-A
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 263894

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Simazine			0.0492	0.0520		ug/L		106	50 - 150		
Terbacil			0.0983	0.114		ug/L		116	50 - 150		
Terbuthylazine			0.0983	0.110		ug/L		112	50 - 150		
Thiobencarb			0.0983	0.113		ug/L		115	50 - 150		
trans-Nonachlor			0.0246	0.0290	J	ug/L		118	50 - 150		
Trifluralin			0.0983	0.106		ug/L		108	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*101*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

Lab Sample ID: 380-246373-I-1-A MS
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene	<0.098		1.97	1.96		ug/L		99	70 - 130		
2,4'-DDD	<0.098		1.97	1.97		ug/L		100	70 - 130		
2,4'-DDE	<0.098		1.97	2.02		ug/L		102	70 - 130		
2,4'-DDT	<0.098		1.97	1.92		ug/L		97	70 - 130		
2,4-Dinitrotoluene	<0.098		1.97	2.12		ug/L		108	70 - 130		
2,6-Dinitrotoluene	<0.098		1.97	2.05		ug/L		104	70 - 130		
2-Methylnaphthalene	<0.098		1.97	2.03		ug/L		103	70 - 130		
4,4'-DDD	<0.098		1.97	1.95		ug/L		99	70 - 130		
4,4'-DDE	<0.098		1.97	1.88		ug/L		95	70 - 130		
4,4'-DDT	<0.098		1.97	1.92		ug/L		97	70 - 130		
Acenaphthene	<0.098		1.97	1.98		ug/L		100	70 - 130		
Acenaphthylene	<0.098		1.97	1.89		ug/L		96	70 - 130		
Acetochlor	<0.098		1.97	2.05		ug/L		104	70 - 130		
Alachlor	<0.049		1.97	2.03		ug/L		103	70 - 130		
alpha-BHC	<0.098		1.97	2.07		ug/L		105	70 - 130		
alpha-Chlordane	<0.049		1.97	1.99		ug/L		101	70 - 130		
Anthracene	<0.020	F1	1.97	1.36	F1	ug/L		69	70 - 130		
Atrazine	<0.049		1.97	2.15		ug/L		109	70 - 130		
Benz(a)anthracene	<0.049		1.97	1.96		ug/L		99	70 - 130		
Benzo[a]pyrene	<0.020		1.97	1.85		ug/L		94	70 - 130		
Benzo[b]fluoranthene	<0.020		1.97	1.96		ug/L		99	70 - 130		
Benzo[g,h,i]perylene	<0.049		1.97	2.02		ug/L		103	70 - 130		
Benzo[k]fluoranthene	<0.020		1.97	1.93		ug/L		98	70 - 130		
beta-BHC	<0.098		1.97	2.18		ug/L		111	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.59		1.97	1.77		ug/L		90	70 - 130		
Bromacil	<0.098		1.97	1.94		ug/L		98	70 - 130		
Butachlor	<0.049		1.97	2.11		ug/L		107	70 - 130		
Butylbenzylphthalate	<0.49		1.97	2.20		ug/L		111	70 - 130		
Chlorobenzilate	<0.098		1.97	1.94		ug/L		98	70 - 130		
Chloroneb	<0.098		1.97	2.06		ug/L		104	70 - 130		
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.12		ug/L		107	70 - 130		

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

Lab Sample ID: 380-246373-I-1-A MS
Matrix: Water
Analysis Batch: 264126

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorpyrifos	<0.049		1.97	2.08		ug/L		106	70 - 130
Chrysene	<0.020		1.97	2.00		ug/L		102	70 - 130
delta-BHC	<0.098		1.97	2.06		ug/L		105	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.97	1.95		ug/L		99	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	1.95		ug/L		99	70 - 130
Diclorvos (DDVP)	<0.049		1.97	1.95		ug/L		99	70 - 130
Dieldrin	<0.0098		1.97	1.96		ug/L		100	70 - 130
Diethylphthalate	<0.49		1.97	2.16		ug/L		106	70 - 130
Dimethylphthalate	<0.49		1.97	2.08		ug/L		106	70 - 130
Di-n-butyl phthalate	<0.98		3.95	4.19		ug/L		106	70 - 130
Di-n-octyl phthalate	<0.098		1.97	1.66		ug/L		84	70 - 130
Endosulfan I (Alpha)	<0.098		1.97	2.11		ug/L		107	70 - 130
Endosulfan II (Beta)	<0.098		1.97	2.07		ug/L		105	70 - 130
Endosulfan sulfate	<0.098		1.97	2.03		ug/L		103	70 - 130
Endrin	<0.0098		1.97	2.08		ug/L		106	70 - 130
Endrin aldehyde	<0.098		1.97	1.80		ug/L		91	60 - 130
EPTC	<0.098		1.97	1.97		ug/L		100	70 - 130
Fluoranthene	<0.098		1.97	2.02		ug/L		102	70 - 130
Fluorene	<0.049		1.97	1.98		ug/L		100	70 - 130
gamma-Chlordane	<0.049		1.97	1.99		ug/L		101	70 - 130
Heptachlor	<0.0098		1.97	1.94		ug/L		98	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.97	1.93		ug/L		98	70 - 130
Hexachlorobenzene	<0.049		1.97	1.96		ug/L		99	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	1.93		ug/L		98	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.02		ug/L		102	70 - 130
Isophorone	<0.098		1.97	2.00		ug/L		101	70 - 130
Lindane	<0.0098		1.97	2.15		ug/L		109	70 - 130
Malathion	<0.098		1.97	2.06		ug/L		104	70 - 130
Methoxychlor	<0.049		1.97	2.03		ug/L		103	70 - 130
Metolachlor	<0.049		1.97	2.13		ug/L		108	70 - 130
Molinate	<0.098		1.97	2.02		ug/L		103	70 - 130
Naphthalene	<0.098		1.97	1.96		ug/L		99	70 - 130
Parathion	<0.098		1.97	2.15		ug/L		109	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.97	2.07		ug/L		105	70 - 130
Phenanthrene	<0.039		1.97	2.02		ug/L		102	70 - 130
Propachlor	<0.049		1.97	2.12		ug/L		107	70 - 130
Pyrene	<0.049		1.97	2.03		ug/L		103	70 - 130
Simazine	<0.049		1.97	2.08		ug/L		105	70 - 130
Terbacil	<0.098		1.97	2.02		ug/L		102	70 - 130
Terbuthylazine	<0.098		1.97	2.13		ug/L		108	70 - 130
Thiobencarb	<0.098		1.97	2.09		ug/L		106	70 - 130
trans-Nonachlor	<0.049		1.97	1.92		ug/L		97	70 - 130
Trifluralin	<0.098		1.97	2.05		ug/L		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*98*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

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

Lab Sample ID: 380-246374-1 DU
Matrix: Drinking Water
Analysis Batch: 264126

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 263894

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
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	<0.050		<0.049		ug/L		NC	20
alpha-BHC	<0.099		<0.098		ug/L		NC	20
alpha-Chlordane	<0.050		<0.049		ug/L		NC	20
Anthracene	<0.020		<0.020		ug/L		NC	20
Atrazine	<0.050		<0.049		ug/L		NC	20
Benz(a)anthracene	<0.050		<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	<0.050		<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	<0.60		<0.59		ug/L		NC	20
Bromacil	<0.099		<0.098		ug/L		NC	20
Butachlor	<0.050		<0.049		ug/L		NC	20
Butylbenzylphthalate	<0.50		<0.49		ug/L		NC	20
Chlorobenzilate	<0.099		<0.098		ug/L		NC	20
Chloroneb	<0.099		<0.098		ug/L		NC	20
Chlorothalonil (Draconil, Bravo)	<0.099		<0.098		ug/L		NC	20
Chlorpyrifos	<0.050		<0.049		ug/L		NC	20
Chrysene	<0.020		<0.020		ug/L		NC	20
delta-BHC	<0.099		<0.098		ug/L		NC	20
Di(2-ethylhexyl)adipate	<0.60		<0.59		ug/L		NC	20
Dibenz(a,h)anthracene	<0.050		<0.049		ug/L		NC	20
Diclorvos (DDVP)	<0.050		<0.049		ug/L		NC	20
Dieldrin	<0.0099		<0.0098		ug/L		NC	20
Diethylphthalate	<0.50		<0.49		ug/L		NC	20
Dimethylphthalate	<0.50		<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		<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

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

Lab Sample ID: 380-246374-1 DU
Matrix: Drinking Water
Analysis Batch: 264126

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Prep Type: Total/NA
Prep Batch: 263894

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Fluoranthene	<0.099			<0.098		ug/L				NC	20
Fluorene	<0.050			<0.049		ug/L				NC	20
gamma-Chlordane	<0.050			<0.049		ug/L				NC	20
Heptachlor	<0.0099			<0.0098		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0099			<0.0098		ug/L				NC	20
Hexachlorobenzene	<0.050			<0.049		ug/L				NC	20
Hexachlorocyclopentadiene	<0.050			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.050			<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	<0.050			<0.049		ug/L				NC	20
Metolachlor	<0.050			<0.049		ug/L				NC	20
Molinate	<0.099			<0.098		ug/L				NC	20
Naphthalene	<0.099			<0.098		ug/L				NC	20
Parathion	<0.099			<0.098		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.099			<0.098		ug/L				NC	20
Phenanthrene	<0.040			<0.039		ug/L				NC	20
Propachlor	<0.050			<0.049		ug/L				NC	20
Pyrene	<0.050			<0.049		ug/L				NC	20
Simazine	<0.050			<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	<0.050			<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	*101*		*70 - 130*
Perylene-d12	*89*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

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

Lab Sample ID: MB 570-828382/1-A
Matrix: Water
Analysis Batch: 830782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828382

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*	*11/07/26 13:59*	*11/12/26 12:35*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*33 - 139*	*11/07/26 13:59*	*11/12/26 12:35*	*1*
2-Fluorobiphenyl (Surr)	*92*		*33 - 126*	*11/07/26 13:59*	*11/12/26 12:35*	*1*
2-Fluorophenol (Surr)	*69*		*12 - 120*	*11/07/26 13:59*	*11/12/26 12:35*	*1*
Nitrobenzene-d5 (Surr)	*108*		*36 - 120*	*11/07/26 13:59*	*11/12/26 12:35*	*1*
Phenol-d6 (Surr)	*40*		*10 - 120*	*11/07/26 13:59*	*11/12/26 12:35*	*1*

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

Lab Sample ID: MB 570-828382/1-A
Matrix: Water
Analysis Batch: 830782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828382

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl-d14 (Surr)	*105*		*47 - 131*	*11/07/26 13:59*	*11/12/26 12:35*	*1*

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

Lab Sample ID: MB 570-828382/1-A
Matrix: Water
Analysis Batch: 830906

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828382

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
2-Methylnaphthalene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Acenaphthene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Acenaphthylene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Anthracene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Benzo[a]anthracene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Benzo[a]pyrene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Chrysene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Fluoranthene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Fluorene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Naphthalene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Phenanthrene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1
Pyrene	<0.20		0.20		ug/L		11/07/26 13:59	11/12/26 11:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*	*11/07/26 13:59*	*11/12/26 11:34*	*1*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*	*11/07/26 13:59*	*11/12/26 11:34*	*1*
2-Fluorophenol (Surr)	*51*		*17 - 120*	*11/07/26 13:59*	*11/12/26 11:34*	*1*
Nitrobenzene-d5 (Surr)	*77*		*27 - 120*	*11/07/26 13:59*	*11/12/26 11:34*	*1*
Phenol-d6 (Surr)	*34*		*10 - 120*	*11/07/26 13:59*	*11/12/26 11:34*	*1*
p-Terphenyl-d14 (Surr)	*59*		*45 - 120*	*11/07/26 13:59*	*11/12/26 11:34*	*1*

Lab Sample ID: LCS 570-828382/2-A
Matrix: Water
Analysis Batch: 830906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 828382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	11.4		ug/L		57	47 - 120
2-Methylnaphthalene	20.0	11.7		ug/L		59	43 - 120
Acenaphthene	20.0	14.5		ug/L		73	60 - 132
Acenaphthylene	20.0	15.2		ug/L		76	54 - 126
Anthracene	20.0	14.8		ug/L		74	43 - 120
Benzo[a]anthracene	20.0	16.6		ug/L		83	42 - 133
Benzo[a]pyrene	20.0	18.1		ug/L		90	32 - 148

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

Lab Sample ID: LCS 570-828382/2-A
Matrix: Water
Analysis Batch: 830906

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 828382

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzo[b]fluoranthene			20.0	17.5		ug/L		87	42 - 140		
Benzo[g,h,i]perylene			20.0	12.5		ug/L		62	1 - 195		
Benzo[k]fluoranthene			20.0	16.1		ug/L		81	25 - 146		
Chrysene			20.0	15.8		ug/L		79	44 - 140		
Dibenz(a,h)anthracene			20.0	12.7		ug/L		63	1 - 200		
Fluoranthene			20.0	16.3		ug/L		81	43 - 121		
Fluorene			20.0	16.0		ug/L		80	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	12.6		ug/L		63	1 - 151		
Naphthalene			20.0	10.1		ug/L		50	36 - 120		
Phenanthrene			20.0	15.0		ug/L		75	65 - 120		
Pyrene			20.0	16.7		ug/L		83	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*
2-Fluorophenol (Surr)	*57*		*17 - 120*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*95*		*45 - 120*

Lab Sample ID: LCSD 570-828382/3-A
Matrix: Water
Analysis Batch: 830906

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 828382

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	11.4		ug/L		57	47 - 120	0	20
2-Methylnaphthalene			20.0	11.6		ug/L		58	43 - 120	1	20
Acenaphthene			20.0	14.1		ug/L		70	60 - 132	3	29
Acenaphthylene			20.0	14.7		ug/L		73	54 - 126	3	45
Anthracene			20.0	14.4		ug/L		72	43 - 120	2	40
Benzo[a]anthracene			20.0	16.6		ug/L		83	42 - 133	0	32
Benzo[a]pyrene			20.0	18.2		ug/L		91	32 - 148	1	43
Benzo[b]fluoranthene			20.0	17.4		ug/L		87	42 - 140	0	43
Benzo[g,h,i]perylene			20.0	12.3		ug/L		61	1 - 195	1	61
Benzo[k]fluoranthene			20.0	16.1		ug/L		80	25 - 146	0	38
Chrysene			20.0	15.9		ug/L		80	44 - 140	1	53
Dibenz(a,h)anthracene			20.0	12.8		ug/L		64	1 - 200	1	75
Fluoranthene			20.0	16.2		ug/L		81	43 - 121	0	40
Fluorene			20.0	15.5		ug/L		78	70 - 120	3	23
Indeno[1,2,3-cd]pyrene			20.0	12.6		ug/L		63	1 - 151	0	60
Naphthalene			20.0	9.95		ug/L		50	36 - 120	1	39
Phenanthrene			20.0	14.9		ug/L		74	65 - 120	1	24
Pyrene			20.0	16.8		ug/L		84	70 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*28 - 127*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*
2-Fluorophenol (Surr)	*52*		*17 - 120*

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

Lab Sample ID: LCSD 570-828382/3-A
Matrix: Water
Analysis Batch: 830906

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 828382

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*88*		*45 - 120*

Lab Sample ID: 380-246391-A-1-A MS
Matrix: Water
Analysis Batch: 830054

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 828382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.6	10.5		ug/L		54	36 - 120
2-Methylnaphthalene	<0.19		19.6	10.8		ug/L		55	32 - 124
Acenaphthene	<0.19		19.6	14.5		ug/L		74	47 - 145
Acenaphthylene	<0.19		19.6	14.7		ug/L		75	33 - 145
Anthracene	<0.19		19.6	15.5		ug/L		79	27 - 133
Benzo[a]anthracene	<0.19		19.6	17.0		ug/L		87	33 - 143
Benzo[a]pyrene	<0.19		19.6	18.6		ug/L		95	17 - 163
Benzo[b]fluoranthene	<0.19		19.6	17.4		ug/L		89	24 - 159
Benzo[g,h,i]perylene	<0.19		19.6	14.9		ug/L		76	1 - 219
Benzo[k]fluoranthene	<0.19		19.6	16.9		ug/L		86	11 - 162
Chrysene	<0.19		19.6	16.5		ug/L		84	17 - 168
Dibenz(a,h)anthracene	<0.19		19.6	15.1		ug/L		77	1 - 227
Fluoranthene	<0.19		19.6	16.9		ug/L		86	26 - 137
Fluorene	<0.19		19.6	15.9		ug/L		81	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.6	14.7		ug/L		75	1 - 171
Naphthalene	<0.19		19.6	9.22		ug/L		47	21 - 133
Phenanthrene	<0.19		19.6	15.7		ug/L		80	54 - 120
Pyrene	<0.19		19.6	17.7		ug/L		90	52 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*
2-Fluorobiphenyl (Surr)	*71*		*31 - 120*
2-Fluorophenol (Surr)	*56*		*17 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d6 (Surr)	*40*		*10 - 120*
p-Terphenyl-d14 (Surr)	*94*		*45 - 120*

Lab Sample ID: 380-246391-A-1-B MSD
Matrix: Water
Analysis Batch: 830054

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 828382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.8	11.8		ug/L		60	36 - 120	12	30
2-Methylnaphthalene	<0.19		19.8	12.0		ug/L		61	32 - 124	11	30
Acenaphthene	<0.19		19.8	15.8		ug/L		80	47 - 145	9	48
Acenaphthylene	<0.19		19.8	16.3		ug/L		82	33 - 145	10	74
Anthracene	<0.19		19.8	16.0		ug/L		81	27 - 133	3	66
Benzo[a]anthracene	<0.19		19.8	17.8		ug/L		90	33 - 143	4	53
Benzo[a]pyrene	<0.19		19.8	19.1		ug/L		97	17 - 163	2	72

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

Lab Sample ID: 380-246391-A-1-B MSD
Matrix: Water
Analysis Batch: 830054

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 828382

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene	<0.19		19.8	18.0		ug/L		91	24 - 159	3	71
Benzo[g,h,i]perylene	<0.19		19.8	15.8		ug/L		80	1 - 219	6	97
Benzo[k]fluoranthene	<0.19		19.8	17.3		ug/L		88	11 - 162	2	63
Chrysene	<0.19		19.8	17.2		ug/L		87	17 - 168	4	87
Dibenz(a,h)anthracene	<0.19		19.8	15.8		ug/L		80	1 - 227	5	126
Fluoranthene	<0.19		19.8	17.5		ug/L		88	26 - 137	4	66
Fluorene	<0.19		19.8	17.1		ug/L		86	59 - 121	7	38
Indeno[1,2,3-cd]pyrene	<0.19		19.8	15.6		ug/L		79	1 - 171	6	99
Naphthalene	<0.19		19.8	10.2		ug/L		52	21 - 133	10	65
Phenanthrene	<0.19		19.8	16.4		ug/L		83	54 - 120	4	39
Pyrene	<0.19		19.8	18.3		ug/L		93	52 - 120	3	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*58*		*17 - 120*
Nitrobenzene-d5 (Surr)	*62*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*96*		*45 - 120*

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

Lab Sample ID: MB 570-828554/6
Matrix: Water
Analysis Batch: 828554

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			11/08/26 12:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*11/08/26 12:22*	*1*

Lab Sample ID: LCS 570-828554/3
Matrix: Water
Analysis Batch: 828554

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	399		ug/L		100	78 - 120		

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

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

Lab Sample ID: LCSD 570-828554/4
Matrix: Water
Analysis Batch: 828554

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	383		ug/L		96	78 - 120	4	10

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

Lab Sample ID: MRL 570-828554/5
Matrix: Water
Analysis Batch: 828554

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	11.7		ug/L		117	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*

Lab Sample ID: 570-303137-D-3 MS
Matrix: Water
Analysis Batch: 828554

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	399		ug/L		100	68 - 122		

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

Lab Sample ID: 570-303137-F-3 MSD
Matrix: Water
Analysis Batch: 828554

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	400		ug/L		100	68 - 122	0	18

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

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

Lab Sample ID: MB 570-828563/1-A
Matrix: Water
Analysis Batch: 831263

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 828563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		11/08/26 09:51	11/13/26 00:57	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/08/26 09:51	11/13/26 00:57	1
C8-C18	<25		25		ug/L		11/08/26 09:51	11/13/26 00:57	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	101		60 - 130	11/08/26 09:51	11/13/26 00:57	1

Lab Sample ID: LCS 570-828563/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 831263 — **Prep Batch: 828563**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1660		ug/L		104	56 - 127		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	104		60 - 130

Lab Sample ID: LCSD 570-828563/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 831263 — **Prep Batch: 828563**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1440		ug/L		90	56 - 127	15	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	92		60 - 130

Lab Sample ID: MRL 570-828563/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 831921 — **Prep Batch: 828563**

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0279		mg/L		140	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	106		60 - 130

Lab Sample ID: 380-246391-C-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 831263 — **Prep Batch: 828563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<25	^3+	1630	1630		ug/L		100	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	107		60 - 130

Lab Sample ID: 380-246391-C-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 831263 — **Prep Batch: 828563**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25	^3+	1640	1730		ug/L		106	70 - 130	6	20

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

Lab Sample ID: 380-246391-C-1-B MSD
Matrix: Water
Analysis Batch: 831263

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 828563

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

GC/MS Semi VOA

Prep Batch: 263894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
MB 380-263894/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-263894/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-263894/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-246373-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-246374-1 DU	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	

Analysis Batch: 264126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	263894
MB 380-263894/21-A	Method Blank	Total/NA	Water	525.2	263894
LCS 380-263894/23-A	Lab Control Sample	Total/NA	Water	525.2	263894
MRL 380-263894/22-A	Lab Control Sample	Total/NA	Water	525.2	263894
380-246373-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	263894
380-246374-1 DU	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	263894

Prep Batch: 828382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
MB 570-828382/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-828382/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-828382/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-246391-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-246391-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 830054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	828382
380-246391-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	828382
380-246391-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	828382

Analysis Batch: 830782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	828382
MB 570-828382/1-A	Method Blank	Total/NA	Water	625.1	828382

Analysis Batch: 830906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-828382/1-A	Method Blank	Total/NA	Water	625.1 SIM	828382
LCS 570-828382/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	828382
LCSD 570-828382/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	828382

GC VOA

Analysis Batch: 828554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-246374-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Water	8015B GRO LL	
MB 570-828554/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-828554/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-828554/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 828554 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 570-828554/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
570-303137-D-3 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
570-303137-F-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 828563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
MB 570-828563/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-828563/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-828563/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-828563/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-246391-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-246391-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 831263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-828563/1-A	Method Blank	Total/NA	Water	8015B	828563
LCS 570-828563/2-A	Lab Control Sample	Total/NA	Water	8015B	828563
LCSD 570-828563/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	828563
380-246391-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	828563
380-246391-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	828563

Analysis Batch: 831921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	828563
MRL 570-828563/4-A	Lab Control Sample	Total/NA	Water	8015B	828563

Lab Chronicle

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

Job ID: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-246374-1

Date Collected: 11/02/26 11:50
Date Received: 11/05/26 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			263894	IQ42	EA POM	11/05/26 15:33
Total/NA	Analysis	525.2		1	264126	Q8LA	EA POM	11/06/26 17:53
Total/NA	Prep	625.1			828382	TIZL	EET CAL 4	11/08/26 07:50
Total/NA	Analysis	625.1		1	830782	PQS1	EET CAL 4	11/12/26 17:03
Total/NA	Prep	625.1			828382	TIZL	EET CAL 4	11/08/26 07:50
Total/NA	Analysis	625.1 SIM		1	830054	PQS1	EET CAL 4	11/11/26 14:21
Total/NA	Analysis	8015B GRO LL		1	828554	W4LC	EET CAL 4	11/08/26 13:42
Total/NA	Prep	3510C			828563	TVD6	EET CAL 4	11/08/26 10:11
Total/NA	Analysis	8015B		1	831921	H6FE	EET CAL 4	11/14/26 04:29

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

Lab Sample ID: 380-246374-2

Date Collected: 11/02/26 11:50
Date Received: 11/05/26 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	828554	W4LC	EET CAL 4	11/08/26 21:53

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: 380-246374-1
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: 380-246374-1
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	10-11-27

Method Summary

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

Job ID: 380-246374-1
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: 380-246374-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-246374-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	11/02/26 11:50	11/05/26 10:20	HI0000331
380-246374-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Water	11/02/26 11:50	11/05/26 10:20	

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

Chain of Custody Record

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380-246374 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/C9-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	
Aiea Gulch Wells Pump 1 (331-201-TP071)	2-Nov-2026	1150	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)	2-Nov-2026	1150		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: 8797 4206 4414
[redacted]	Date/Time: 04 NOV. 2026 1400	Company: HBWS	Received by: 4401 Date/Time: 11/5/26 10.20 Company: [illegible]
	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: 6/BB(3.0 -0.1 =2.9 GTE

Ver: 04/02/2024

11/16/2026

ORIGIN ID:HIKA (808) 748-5840
BWS CHEMLAB
HONOLULU BOARD OF WATER SUPPLY
630 S. BERETANIA ST
CHEMICAL LABORATORY
HONOLULU, HI 96843
UNITED STATES US

SHIP DATE: 04NOV26
ACTWGT: 62.00 LB
CAD: 258050552/INET4535

BILL RECIPIENT

TO EUROFINS RECEIVING DEPARTMENT
EUROFINS DRINKING WATER TESTING
941 CORPORATE CENTER DR

POMONA CA 91768
(626) 386-1100 REF:
INV:
PO: DEPT:

58KJ7/60FA/484B

FedEx Express

J2620826161501rv

THU - 05 NOV 10:30A
PRIORITY OVERNIGHT

6 of 7
MPS# 8797 4306 4925
0263
Mstr# 8797 4306 4877

0201

91768
CA-US ONT

WM ONTA

75aa 41-01-4.0 Gen

11/5/26

1618

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1. Fold the printed page along the horizontal line.
2. Place label in shipping pouch and affix it to your shipment.

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

Chain of Custody Record

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Loc 380
246374

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-401610 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 #: 380-246374-1
Address: 2841 Dow Avenue, Suite 100	Due Date Requested: 11/16/2026			
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			

Analysis Requested

Preservation Codes:
Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=wastelol 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/IC8-C18	8015B_GRO_LL/5030C(MOD) GRO	Total Number of containers	Special Instructions/Note.
			Preservation Code:									
AIEA GULCH WELLS PUMP 1 (331-201 TP071) (380-246374-1)	11/2/26	11 50 Hawaiian	G	Water			X	X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB. AIEA GULCH WELLS PUMP 1 (331-201 TP071) (380-24637-	11/2/26	11 50 Hawaiian	G	Water						X	2	MRLs are needed. Confirm any hits >RL.

380-246374 Chain of Custody

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Work Warrior	11/5/26 1700	ECAP	Manuel Garcia	11/5/26 1706	WWC
2	Manuel Garcia	11/5/26 1835	WWC		11/5/26 1835	EC
3	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: 2.2/2.0 1 8/1.6 FK9

Ver: 08/18/2026

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11/16/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-246374-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 246374
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: 380-246374-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 246374
List Number: 2
Creator: Mills, Mary

List Source: Eurofins Calscience
List Creation: 11/05/26 09:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0, 1.6
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	