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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Erwin Kawata
City & County of Honolulu
630 South Beretania Street
Public Service Bldg. Room 310
Honolulu, Hawaii 96843

Generated 4/8/2026 5:48:33 AM

JOB DESCRIPTION

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

JOB NUMBER

380-205668-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Job Notes

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

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

Compliance Statement

1. Laboratory is accredited in accordance with TNI 2016 Standards and ISO/IEC 17025:2017.
2. Laboratory certifies that the test results meet all TNI 2016 and ISO/IEC 17025:2017 requirements unless noted under the individual analysis
3. Test results relate only to the sample(s) tested.
4. This report shall not be reproduced except in full, without the written approval of the laboratory.
5. Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below. (DW,Water matrices)

Authorization

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Authorized for release by
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Table of Contents

Qualifiers

GC/MS Semi VOA

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

GC/MS Semi VOA TICs

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

GC Semi VOA

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

Glossary

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

Job Narrative
380-205668-1

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 4/1/2026 10:10 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 2.2°C and 2.8°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 570-717817 and analytical batch 570-720380 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: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Lab Sample ID: 380-205668-1
PWSID Number: HI0000331

No Detections.

Client Sample ID: TB: Aiea Gulch Wells Pump 1 (331-201-TP071)
Lab Sample ID: 380-205668-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

Lab Sample ID: 380-205668-1
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		04/02/26 09:12	04/05/26 17:16	1
2,4'-DDD	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
2,4'-DDE	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
2,4'-DDT	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
4,4'-DDD	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
4,4'-DDE	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
4,4'-DDT	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Acenaphthene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Acenaphthylene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Acetochlor	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Alachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
alpha-BHC	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
alpha-Chlordane	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Anthracene	<0.020		0.020		ug/L		04/02/26 09:12	04/05/26 17:16	1
Atrazine	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/02/26 09:12	04/05/26 17:16	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/02/26 09:12	04/05/26 17:16	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/02/26 09:12	04/05/26 17:16	1
beta-BHC	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/02/26 09:12	04/05/26 17:16	1
Bromacil	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Butachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 17:16	1
Chlorobenzilate	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Chloroneb	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Chlorpyrifos	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Chrysene	<0.020		0.020		ug/L		04/02/26 09:12	04/05/26 17:16	1
delta-BHC	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/02/26 09:12	04/05/26 17:16	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Dieldrin	<0.0098		0.0098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Diethylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 17:16	1
Dimethylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 17:16	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/02/26 09:12	04/05/26 17:16	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Endrin	<0.0098		0.0098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Endrin aldehyde	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
EPTC	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1

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

Job ID: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)
Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

Lab Sample ID: 380-205668-1
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		04/02/26 09:12	04/05/26 17:16	1
Fluorene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
gamma-Chlordane	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Heptachlor	<0.0098		0.0098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Isophorone	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Lindane	<0.0098		0.0098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Malathion	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Methoxychlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Metolachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Molinate	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Naphthalene	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Parathion	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Phenanthrene	<0.039		0.039		ug/L		04/02/26 09:12	04/05/26 17:16	1
Propachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Pyrene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Simazine	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Terbacil	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Terbuthylazine	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Thiobencarb	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/02/26 09:12	04/05/26 17:16	1
trans-Nonachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 17:16	1
Trifluralin	<0.098		0.098		ug/L		04/02/26 09:12	04/05/26 17:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/02/26 09:12*	*04/05/26 17:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*04/02/26 09:12*	*04/05/26 17:16*	*1*
Perylene-d12	*92*		*70 - 130*	*04/02/26 09:12*	*04/05/26 17:16*	*1*
Triphenylphosphate	*100*		*70 - 130*	*04/02/26 09:12*	*04/05/26 17:16*	*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		04/02/26 09:44	04/05/26 05:50	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Acenaphthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Acenaphthylene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Anthracene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Chrysene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1

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

Lab Sample ID: 380-205668-1

Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

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	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Fluorene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Naphthalene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Phenanthrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1
Pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 05:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*	*04/02/26 09:44*	*04/05/26 05:50*	*1*
2-Fluorobiphenyl (Surr)	*82*		*31 - 120*	*04/02/26 09:44*	*04/05/26 05:50*	*1*
2-Fluorophenol (Surr)	*54*		*17 - 120*	*04/02/26 09:44*	*04/05/26 05:50*	*1*
Nitrobenzene-d5 (Surr)	*85*		*27 - 120*	*04/02/26 09:44*	*04/05/26 05:50*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*04/02/26 09:44*	*04/05/26 05:50*	*1*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*	*04/02/26 09:44*	*04/05/26 05:50*	*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*	*04/02/26 09:44*	*04/05/26 11:19*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*33 - 139*	*04/02/26 09:44*	*04/05/26 11:19*	*1*
2-Fluorobiphenyl (Surr)	*86*		*33 - 126*	*04/02/26 09:44*	*04/05/26 11:19*	*1*
2-Fluorophenol (Surr)	*57*		*12 - 120*	*04/02/26 09:44*	*04/05/26 11:19*	*1*
Nitrobenzene-d5 (Surr)	*87*		*36 - 120*	*04/02/26 09:44*	*04/05/26 11:19*	*1*
Phenol-d6 (Surr)	*34*		*10 - 120*	*04/02/26 09:44*	*04/05/26 11:19*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 131*	*04/02/26 09:44*	*04/05/26 11:19*	*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			04/07/26 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*04/07/26 20:49*	*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)	<27		27		ug/L		04/02/26 08:46	04/07/26 01:54	1
Motor Oil Range Organics [C24-C36]	<27		27		ug/L		04/02/26 08:46	04/07/26 01:54	1
C8-C18	<27		27		ug/L		04/02/26 08:46	04/07/26 01:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 130*	*04/02/26 08:46*	*04/07/26 01:54*	*1*

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

Job ID: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Client Sample ID: TB: Aiea Gulch Wells Pump 1 (331-201-TP071)
Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

Lab Sample ID: 380-205668-2
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			04/07/26 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*38 - 134*		*04/07/26 18:48*	*1*

Action Limit Summary

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

Job ID: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-205668-1

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		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	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-205668-1
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)
380-205668-1	AIEA GULCH WELLS PUMP 1 (331	10	92	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)
380-205433-I-1-A MS	Matrix Spike	96	96	108
380-205433-J-1-A MSD	Matrix Spike Duplicate	98	96	103
LCS 380-217404/23-A	Lab Control Sample	99	97	103
MB 380-217404/21-A	Method Blank	97	83	95
MRL 380-217404/22-A	Lab Control Sample	96	86	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)
380-205668-1	AIEA GULCH WELLS PUMP 1 (331	76	86	57	87	34	79

Surrogate Legend

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

Method: 625.1 - 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 570-718453/1-A	Method Blank	86	88	62	93	38	93

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)

PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 625.1 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)
380-205668-1	AIEA GULCH WELLS PUMP 1 (331	78	82	54	85	33	76

Surrogate Legend

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

Method: 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)
380-205656-A-1-B MS	Matrix Spike	85	84	61	73	39	93
380-205656-A-1-C MSD	Matrix Spike Duplicate	85	84	61	74	39	92
LCS 570-718453/2-A	Lab Control Sample	85	83	71	78	46	94
LCSD 570-718453/3-A	Lab Control Sample Dup	98	95	72	83	45	113
MB 570-718453/1-A	Method Blank	107	105	78	118	50	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: 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)
380-205668-1	AIEA GULCH WELLS PUMP 1 (331	93

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)
380-205656-B-1 MS	Matrix Spike	89
380-205656-B-1 MSD	Matrix Spike Duplicate	97
380-205668-2	TB: Aiea Gulch Wells Pump 1 (331-201-TP071)	84

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)								
LCS 570-720590/5	Lab Control Sample	96								
LCSD 570-720590/6	Lab Control Sample Dup	100								
MB 570-720590/8	Method Blank	93								
MRL 570-720590/9	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)								
380-205668-1	AIEA GULCH WELLS PUMP 1 (331	102								

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)								
380-205433-C-1-A MS	Matrix Spike	109								
380-205433-C-1-B MSD	Matrix Spike Duplicate	103								
380-205656-C-1-A MS	Matrix Spike	105								
380-205656-C-1-B MSD	Matrix Spike Duplicate	105								
LCS 570-717817/2-A	Lab Control Sample	105								
LCSD 570-717817/3-A	Lab Control Sample Dup	102								
MB 570-717817/1-A	Method Blank	102								
MRL 570-717817/4-A	Lab Control Sample	106								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-217404/21-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217404

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2,4'-DDD	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2,4'-DDE	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2,4'-DDT	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
2-Methylnaphthalene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
4,4'-DDD	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
4,4'-DDE	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
4,4'-DDT	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Acenaphthene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Acenaphthylene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Acetochlor	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Alachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
alpha-BHC	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
alpha-Chlordane	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Anthracene	<0.019		0.019		ug/L		04/02/26 09:12	04/05/26 08:11	1
Atrazine	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Benzo[a]pyrene	<0.019		0.019		ug/L		04/02/26 09:12	04/05/26 08:11	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		04/02/26 09:12	04/05/26 08:11	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		04/02/26 09:12	04/05/26 08:11	1
beta-BHC	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		04/02/26 09:12	04/05/26 08:11	1
Bromacil	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Butachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 08:11	1
Chlorobenzilate	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Chloroneb	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Chlorpyrifos	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Chrysene	<0.019		0.019		ug/L		04/02/26 09:12	04/05/26 08:11	1
delta-BHC	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		04/02/26 09:12	04/05/26 08:11	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Dieldrin	<0.0097		0.0097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Diethylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 08:11	1
Dimethylphthalate	<0.49		0.49		ug/L		04/02/26 09:12	04/05/26 08:11	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		04/02/26 09:12	04/05/26 08:11	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Endosulfan sulfate	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Endrin	<0.0097		0.0097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Endrin aldehyde	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
EPTC	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1

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

Lab Sample ID: MB 380-217404/21-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 217404

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Fluorene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
gamma-Chlordane	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Heptachlor	<0.0097		0.0097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Isophorone	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Lindane	<0.0097		0.0097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Malathion	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Methoxychlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Metolachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Molinate	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Naphthalene	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Parathion	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Phenanthrene	<0.039		0.039		ug/L		04/02/26 09:12	04/05/26 08:11	1
Propachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Pyrene	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Simazine	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Terbacil	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Terbuthylazine	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Thiobencarb	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		04/02/26 09:12	04/05/26 08:11	1
trans-Nonachlor	<0.049		0.049		ug/L		04/02/26 09:12	04/05/26 08:11	1
Trifluralin	<0.097		0.097		ug/L		04/02/26 09:12	04/05/26 08:11	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*5.32*	*T J N*	*ug/L*		*3.13*	*1120-21-4*	*04/02/26 09:12*	*04/05/26 08:11*	*1*
9-Octadecenamide, (Z)-	*0.739*	*T J N*	*ug/L*		*7.89*	*301-02-0*	*04/02/26 09:12*	*04/05/26 08:11*	*1*
13-Docosenamide, (Z)-	*0.692*	*T J N*	*ug/L*		*10.40*	*112-84-5*	*04/02/26 09:12*	*04/05/26 08:11*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*97*		*70 - 130*	*04/02/26 09:12*	*04/05/26 08:11*	*1*
Perylene-d12	*83*		*70 - 130*	*04/02/26 09:12*	*04/05/26 08:11*	*1*
Triphenylphosphate	*95*		*70 - 130*	*04/02/26 09:12*	*04/05/26 08:11*	*1*

Lab Sample ID: LCS 380-217404/23-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.95	1.92		ug/L		99	70 - 130		
2,4'-DDD			1.95	2.05		ug/L		105	70 - 130		
2,4'-DDE			1.95	1.97		ug/L		101	70 - 130		
2,4'-DDT			1.95	2.00		ug/L		103	70 - 130		
2,4-Dinitrotoluene			1.95	1.97		ug/L		101	70 - 130		

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

Lab Sample ID: LCS 380-217404/23-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	1.95	1.98		ug/L		102	70 - 130
2-Methylnaphthalene	1.95	1.96		ug/L		101	70 - 130
4,4'-DDD	1.95	2.19		ug/L		112	70 - 130
4,4'-DDE	1.95	1.88		ug/L		97	70 - 130
4,4'-DDT	1.95	2.07		ug/L		106	70 - 130
Acenaphthene	1.95	2.01		ug/L		103	70 - 130
Acenaphthylene	1.95	2.06		ug/L		106	70 - 130
Acetochlor	1.95	2.06		ug/L		106	70 - 130
Alachlor	1.95	2.01		ug/L		103	70 - 130
alpha-BHC	1.95	2.10		ug/L		108	70 - 130
alpha-Chlordane	1.95	2.15		ug/L		110	70 - 130
Anthracene	1.95	1.94		ug/L		100	70 - 130
Atrazine	1.95	2.10		ug/L		108	70 - 130
Benz(a)anthracene	1.95	2.17		ug/L		111	70 - 130
Benzo[a]pyrene	1.95	2.04		ug/L		105	70 - 130
Benzo[b]fluoranthene	1.95	2.12		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.95	1.99		ug/L		102	70 - 130
Benzo[k]fluoranthene	1.95	2.00		ug/L		103	70 - 130
beta-BHC	1.95	2.16		ug/L		111	70 - 130
Bis(2-ethylhexyl) phthalate	1.95	2.00		ug/L		103	70 - 130
Bromacil	1.95	1.82		ug/L		94	70 - 130
Butachlor	1.95	2.06		ug/L		106	70 - 130
Butylbenzylphthalate	1.95	2.10		ug/L		108	70 - 130
Chlorobenzilate	1.95	2.07		ug/L		106	70 - 130
Chloroneb	1.95	2.14		ug/L		110	70 - 130
Chlorothalonil (Draconil, Bravo)	1.95	2.12		ug/L		109	70 - 130
Chlorpyrifos	1.95	2.11		ug/L		108	70 - 130
Chrysene	1.95	2.14		ug/L		110	70 - 130
delta-BHC	1.95	2.04		ug/L		105	70 - 130
Di(2-ethylhexyl)adipate	1.95	2.09		ug/L		107	70 - 130
Dibenz(a,h)anthracene	1.95	1.99		ug/L		102	70 - 130
Diclorvos (DDVP)	1.95	2.12		ug/L		109	70 - 130
Dieldrin	1.95	2.20		ug/L		113	70 - 130
Diethylphthalate	1.95	2.17		ug/L		111	70 - 130
Dimethylphthalate	1.95	2.09		ug/L		107	70 - 130
Di-n-butyl phthalate	3.89	4.25		ug/L		109	70 - 130
Di-n-octyl phthalate	1.95	1.90		ug/L		98	70 - 130
Endosulfan I (Alpha)	1.95	2.19		ug/L		113	70 - 130
Endosulfan II (Beta)	1.95	2.13		ug/L		109	70 - 130
Endosulfan sulfate	1.95	2.04		ug/L		105	70 - 130
Endrin	1.95	2.28		ug/L		117	70 - 130
Endrin aldehyde	1.95	2.02		ug/L		104	60 - 130
EPTC	1.95	2.13		ug/L		109	70 - 130
Fluoranthene	1.95	2.03		ug/L		104	70 - 130
Fluorene	1.95	2.12		ug/L		109	70 - 130
gamma-Chlordane	1.95	2.27		ug/L		116	70 - 130
Heptachlor	1.95	2.12		ug/L		109	70 - 130
Heptachlor epoxide (isomer B)	1.95	2.05		ug/L		105	70 - 130
Hexachlorobenzene	1.95	1.98		ug/L		102	70 - 130

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

Lab Sample ID: LCS 380-217404/23-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorocyclopentadiene	1.95	1.87		ug/L		96	70 - 130
Indeno[1,2,3-cd]pyrene	1.95	2.03		ug/L		104	70 - 130
Isophorone	1.95	2.03		ug/L		104	70 - 130
Lindane	1.95	2.20		ug/L		113	70 - 130
Malathion	1.95	2.03		ug/L		104	70 - 130
Methoxychlor	1.95	2.03		ug/L		104	70 - 130
Metolachlor	1.95	2.04		ug/L		105	70 - 130
Molinate	1.95	2.17		ug/L		112	70 - 130
Naphthalene	1.95	1.93		ug/L		99	70 - 130
Parathion	1.95	2.17		ug/L		111	70 - 130
Pendimethalin (Penoxaline)	1.95	2.04		ug/L		105	70 - 130
Phenanthrene	1.95	2.05		ug/L		105	70 - 130
Propachlor	1.95	2.12		ug/L		109	70 - 130
Pyrene	1.95	2.00		ug/L		103	70 - 130
Simazine	1.95	2.03		ug/L		104	70 - 130
Terbacil	1.95	1.92		ug/L		98	70 - 130
Terbuthylazine	1.95	2.11		ug/L		108	70 - 130
Thiobencarb	1.95	2.03		ug/L		104	70 - 130
trans-Nonachlor	1.95	1.91		ug/L		98	70 - 130
Trifluralin	1.95	2.01		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: MRL 380-217404/22-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0974	0.105		ug/L		108	50 - 150
2,4'-DDD	0.0974	0.0940	J	ug/L		97	50 - 150
2,4'-DDE	0.0974	0.107		ug/L		110	50 - 150
2,4'-DDT	0.0974	0.108		ug/L		111	50 - 150
2,4-Dinitrotoluene	0.0974	0.101		ug/L		104	50 - 150
2,6-Dinitrotoluene	0.0974	0.119		ug/L		122	50 - 150
2-Methylnaphthalene	0.0974	0.102		ug/L		104	50 - 150
4,4'-DDD	0.0974	0.107		ug/L		110	50 - 150
4,4'-DDE	0.0974	0.102		ug/L		104	50 - 150
4,4'-DDT	0.0974	0.114		ug/L		117	50 - 150
Acenaphthene	0.0974	0.0914	J	ug/L		94	50 - 150
Acenaphthylene	0.0974	0.0904	J	ug/L		93	50 - 150
Acetochlor	0.0974	0.111		ug/L		114	50 - 150
Alachlor	0.0487	0.0598		ug/L		123	50 - 150
alpha-BHC	0.0974	0.0985		ug/L		101	50 - 150
alpha-Chlordane	0.0243	<0.028		ug/L		110	50 - 150
Anthracene	0.0195	0.0260		ug/L		133	50 - 150

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

Lab Sample ID: MRL 380-217404/22-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	0.0487	0.0648		ug/L		133	50 - 150
Benz(a)anthracene	0.0487	0.0511		ug/L		105	50 - 150
Benzo[a]pyrene	0.0195	0.0195		ug/L		100	50 - 150
Benzo[b]fluoranthene	0.0195	0.0231		ug/L		119	50 - 150
Benzo[g,h,i]perylene	0.0487	0.0540		ug/L		111	50 - 150
Benzo[k]fluoranthene	0.0195	0.0228		ug/L		117	50 - 150
beta-BHC	0.0974	0.102		ug/L		104	50 - 150
Bis(2-ethylhexyl) phthalate	0.584	0.567	J	ug/L		97	50 - 150
Bromacil	0.0974	0.104		ug/L		107	50 - 150
Butachlor	0.0487	0.0666		ug/L		137	50 - 150
Butylbenzylphthalate	0.487	0.553		ug/L		113	50 - 150
Chlorobenzilate	0.0974	0.106		ug/L		109	50 - 150
Chloroneb	0.0974	0.0985		ug/L		101	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0974	0.100		ug/L		103	50 - 150
Chlorpyrifos	0.0487	0.0588		ug/L		121	50 - 150
Chrysene	0.0195	0.0219		ug/L		113	50 - 150
delta-BHC	0.0974	0.104		ug/L		106	50 - 150
Di(2-ethylhexyl)adipate	0.584	0.632		ug/L		108	50 - 150
Dibenz(a,h)anthracene	0.0487	0.0543		ug/L		112	50 - 150
Diclorvos (DDVP)	0.0487	0.0500		ug/L		103	50 - 150
Dieldrin	0.00974	0.0100		ug/L		103	50 - 150
Diethylphthalate	0.487	0.533		ug/L		109	50 - 150
Dimethylphthalate	0.487	0.508		ug/L		104	50 - 150
Di-n-butyl phthalate	0.487	0.585	J	ug/L		120	49 - 243
Di-n-octyl phthalate	0.0974	0.0887	J	ug/L		91	50 - 150
Endosulfan I (Alpha)	0.0974	0.0943	J	ug/L		97	50 - 150
Endosulfan II (Beta)	0.0974	0.0971		ug/L		100	50 - 150
Endosulfan sulfate	0.0974	0.104		ug/L		107	50 - 150
Endrin	0.00974	0.0139		ug/L		143	50 - 150
Endrin aldehyde	0.0974	0.108		ug/L		111	50 - 150
EPTC	0.0974	0.0928	J	ug/L		95	50 - 150
Fluoranthene	0.0974	0.101		ug/L		103	50 - 150
Fluorene	0.0487	0.0501		ug/L		103	50 - 150
gamma-Chlordane	0.0243	0.0278	J	ug/L		114	50 - 150
Heptachlor	0.00974	0.00977		ug/L		100	50 - 150
Heptachlor epoxide (isomer B)	0.00974	0.0142		ug/L		145	50 - 150
Hexachlorobenzene	0.0487	0.0519		ug/L		107	50 - 150
Hexachlorocyclopentadiene	0.0487	0.0454	J	ug/L		93	50 - 150
Indeno[1,2,3-cd]pyrene	0.0487	0.0557		ug/L		114	50 - 150
Isophorone	0.0974	0.112		ug/L		115	50 - 150
Lindane	0.00974	0.0130		ug/L		133	50 - 150
Malathion	0.0974	0.101		ug/L		104	50 - 150
Methoxychlor	0.0487	0.0672		ug/L		138	50 - 150
Metolachlor	0.0487	0.0625		ug/L		128	50 - 150
Molinate	0.0974	0.0985		ug/L		101	50 - 150
Naphthalene	0.0974	0.0908	J	ug/L		93	50 - 150
Parathion	0.0974	0.0924	J	ug/L		95	50 - 150
Pendimethalin (Penoxaline)	0.0974	0.0978		ug/L		100	50 - 150
Phenanthrene	0.0389	0.0418		ug/L		107	50 - 150

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

Lab Sample ID: MRL 380-217404/22-A
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Propachlor	0.0487	0.0592		ug/L		122	50 - 150
Pyrene	0.0487	0.0601		ug/L		123	50 - 150
Simazine	0.0487	0.0602		ug/L		124	50 - 150
Terbacil	0.0974	0.0984		ug/L		101	50 - 150
Terbuthylazine	0.0974	0.103		ug/L		106	50 - 150
Thiobencarb	0.0974	0.108		ug/L		111	50 - 150
trans-Nonachlor	0.0243	0.0287	J	ug/L		118	50 - 150
Trifluralin	0.0974	0.0993		ug/L		102	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*86*		*70 - 130*
Triphenylphosphate	*99*		*70 - 130*

Lab Sample ID: 380-205433-I-1-A MS
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.10		1.96	1.93		ug/L		99	70 - 130
2,4'-DDD	<0.10		1.96	2.09		ug/L		107	70 - 130
2,4'-DDE	<0.10		1.96	1.96		ug/L		100	70 - 130
2,4'-DDT	<0.10		1.96	1.89		ug/L		97	70 - 130
2,4-Dinitrotoluene	<0.10		1.96	2.13		ug/L		109	70 - 130
2,6-Dinitrotoluene	<0.10		1.96	2.10		ug/L		107	70 - 130
2-Methylnaphthalene	<0.10		1.96	1.93		ug/L		99	70 - 130
4,4'-DDD	<0.10		1.96	2.10		ug/L		108	70 - 130
4,4'-DDE	<0.10		1.96	1.84		ug/L		94	70 - 130
4,4'-DDT	<0.10		1.96	1.98		ug/L		101	70 - 130
Acenaphthene	<0.10		1.96	2.00		ug/L		102	70 - 130
Acenaphthylene	<0.10		1.96	2.07		ug/L		106	70 - 130
Acetochlor	<0.10		1.96	2.07		ug/L		106	70 - 130
Alachlor	<0.050		1.96	2.10		ug/L		107	70 - 130
alpha-BHC	<0.10		1.96	2.18		ug/L		112	70 - 130
alpha-Chlordane	<0.050		1.96	2.25		ug/L		115	70 - 130
Anthracene	<0.020	F1	1.96	1.17	F1	ug/L		60	70 - 130
Atrazine	<0.050		1.96	2.28		ug/L		116	70 - 130
Benz(a)anthracene	<0.050		1.96	2.04		ug/L		104	70 - 130
Benzo[a]pyrene	<0.020		1.96	1.82		ug/L		93	70 - 130
Benzo[b]fluoranthene	<0.020		1.96	2.10		ug/L		107	70 - 130
Benzo[g,h,i]perylene	<0.050		1.96	1.93		ug/L		98	70 - 130
Benzo[k]fluoranthene	<0.020		1.96	1.99		ug/L		102	70 - 130
beta-BHC	<0.10		1.96	2.39		ug/L		122	70 - 130
Bis(2-ethylhexyl) phthalate	<0.60		1.96	1.81		ug/L		93	70 - 130
Bromacil	<0.10		1.96	1.95		ug/L		100	70 - 130
Butachlor	<0.050		1.96	2.13		ug/L		109	70 - 130
Butylbenzylphthalate	<0.50		1.96	2.14		ug/L		110	70 - 130
Chlorobenzilate	<0.10		1.96	2.13		ug/L		109	70 - 130

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

Lab Sample ID: 380-205433-I-1-A MS
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroneb	<0.10		1.96	2.17		ug/L		111	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.10		1.96	2.14		ug/L		109	70 - 130
Chlorpyrifos	<0.050		1.96	2.10		ug/L		108	70 - 130
Chrysene	<0.020		1.96	2.21		ug/L		113	70 - 130
delta-BHC	<0.10		1.96	2.11		ug/L		108	70 - 130
Di(2-ethylhexyl)adipate	<0.60		1.96	1.94		ug/L		99	70 - 130
Dibenz(a,h)anthracene	<0.050		1.96	1.89		ug/L		96	70 - 130
Diclorvos (DDVP)	<0.050		1.96	2.11		ug/L		108	70 - 130
Dieldrin	<0.010		1.96	2.24		ug/L		115	70 - 130
Diethylphthalate	<0.50		1.96	2.28		ug/L		116	70 - 130
Dimethylphthalate	<0.50		1.96	2.12		ug/L		109	70 - 130
Di-n-butyl phthalate	<1.0		3.91	4.51		ug/L		115	70 - 130
Di-n-octyl phthalate	<0.10		1.96	1.71		ug/L		87	70 - 130
Endosulfan I (Alpha)	<0.10		1.96	2.24		ug/L		115	70 - 130
Endosulfan II (Beta)	<0.10		1.96	2.21		ug/L		113	70 - 130
Endosulfan sulfate	<0.10		1.96	2.11		ug/L		108	70 - 130
Endrin	<0.010		1.96	2.33		ug/L		119	70 - 130
Endrin aldehyde	<0.10		1.96	1.75		ug/L		89	60 - 130
EPTC	<0.10		1.96	2.08		ug/L		107	70 - 130
Fluoranthene	<0.10		1.96	2.07		ug/L		106	70 - 130
Fluorene	<0.050		1.96	2.17		ug/L		111	70 - 130
gamma-Chlordane	<0.050		1.96	2.25		ug/L		115	70 - 130
Heptachlor	<0.010		1.96	2.11		ug/L		108	70 - 130
Heptachlor epoxide (isomer B)	<0.010		1.96	2.08		ug/L		106	70 - 130
Hexachlorobenzene	<0.050		1.96	2.10		ug/L		107	70 - 130
Hexachlorocyclopentadiene	<0.050		1.96	1.80		ug/L		92	70 - 130
Indeno[1,2,3-cd]pyrene	<0.050		1.96	1.92		ug/L		98	70 - 130
Isophorone	<0.10		1.96	1.97		ug/L		101	70 - 130
Lindane	<0.010		1.96	2.38		ug/L		122	70 - 130
Malathion	<0.10		1.96	2.07		ug/L		106	70 - 130
Methoxychlor	<0.050		1.96	2.04		ug/L		105	70 - 130
Metolachlor	<0.050		1.96	2.09		ug/L		107	70 - 130
Molinate	<0.10		1.96	2.20		ug/L		112	70 - 130
Naphthalene	<0.10		1.96	1.91		ug/L		98	70 - 130
Parathion	<0.10		1.96	2.27		ug/L		116	70 - 130
Pendimethalin (Penoxaline)	<0.10		1.96	2.15		ug/L		110	70 - 130
Phenanthrene	<0.040		1.96	1.99		ug/L		102	70 - 130
Propachlor	<0.050		1.96	2.23		ug/L		114	70 - 130
Pyrene	<0.050		1.96	2.06		ug/L		105	70 - 130
Simazine	<0.050		1.96	2.22		ug/L		114	70 - 130
Terbacil	<0.10		1.96	2.04		ug/L		104	70 - 130
Terbuthylazine	<0.10		1.96	2.31		ug/L		118	70 - 130
Thiobencarb	<0.10		1.96	2.08		ug/L		107	70 - 130
trans-Nonachlor	<0.050		1.96	1.96		ug/L		100	70 - 130
Trifluralin	<0.10		1.96	2.10		ug/L		107	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*

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

Lab Sample ID: 380-205433-I-1-A MS
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 217404

Surrogate	MS %Recovery	MS Qualifier	Limits
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

Lab Sample ID: 380-205433-J-1-A MSD
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.10		1.95	1.91		ug/L		98	70 - 130	1	20
2,4'-DDD	<0.10		1.95	1.96		ug/L		100	70 - 130	6	20
2,4'-DDE	<0.10		1.95	1.88		ug/L		96	70 - 130	4	20
2,4'-DDT	<0.10		1.95	1.79		ug/L		92	70 - 130	5	20
2,4-Dinitrotoluene	<0.10		1.95	2.03		ug/L		104	70 - 130	5	20
2,6-Dinitrotoluene	<0.10		1.95	2.02		ug/L		103	70 - 130	4	20
2-Methylnaphthalene	<0.10		1.95	1.94		ug/L		100	70 - 130	1	20
4,4'-DDD	<0.10		1.95	2.14		ug/L		110	70 - 130	2	20
4,4'-DDE	<0.10		1.95	1.77		ug/L		91	70 - 130	4	20
4,4'-DDT	<0.10		1.95	1.86		ug/L		95	70 - 130	6	20
Acenaphthene	<0.10		1.95	1.97		ug/L		101	70 - 130	1	20
Acenaphthylene	<0.10		1.95	2.07		ug/L		106	70 - 130	0	20
Acetochlor	<0.10		1.95	2.06		ug/L		106	70 - 130	1	20
Alachlor	<0.050		1.95	2.11		ug/L		108	70 - 130	0	20
alpha-BHC	<0.10		1.95	2.10		ug/L		107	70 - 130	4	20
alpha-Chlordane	<0.050		1.95	2.06		ug/L		106	70 - 130	9	20
Anthracene	<0.020	F1	1.95	1.30	F1	ug/L		66	70 - 130	10	20
Atrazine	<0.050		1.95	2.14		ug/L		110	70 - 130	6	20
Benz(a)anthracene	<0.050		1.95	2.03		ug/L		104	70 - 130	1	20
Benzo[a]pyrene	<0.020		1.95	1.90		ug/L		97	70 - 130	4	20
Benzo[b]fluoranthene	<0.020		1.95	2.09		ug/L		107	70 - 130	0	20
Benzo[g,h,i]perylene	<0.050		1.95	1.98		ug/L		102	70 - 130	3	20
Benzo[k]fluoranthene	<0.020		1.95	1.91		ug/L		98	70 - 130	4	20
beta-BHC	<0.10		1.95	2.20		ug/L		113	70 - 130	8	20
Bis(2-ethylhexyl) phthalate	<0.60		1.95	1.91		ug/L		98	70 - 130	5	20
Bromacil	<0.10		1.95	2.02		ug/L		103	70 - 130	3	20
Butachlor	<0.050		1.95	2.10		ug/L		107	70 - 130	2	20
Butylbenzylphthalate	<0.50		1.95	2.07		ug/L		106	70 - 130	3	20
Chlorobenzilate	<0.10		1.95	2.11		ug/L		108	70 - 130	1	20
Chloroneb	<0.10		1.95	2.13		ug/L		109	70 - 130	2	20
Chlorothalonil (Draconil, Bravo)	<0.10		1.95	2.06		ug/L		106	70 - 130	4	20
Chlorpyrifos	<0.050		1.95	2.05		ug/L		105	70 - 130	3	20
Chrysene	<0.020		1.95	2.18		ug/L		112	70 - 130	2	20
delta-BHC	<0.10		1.95	2.06		ug/L		106	70 - 130	2	20
Di(2-ethylhexyl)adipate	<0.60		1.95	1.92		ug/L		99	70 - 130	1	20
Dibenz(a,h)anthracene	<0.050		1.95	1.95		ug/L		100	70 - 130	3	20
Diclorvos (DDVP)	<0.050		1.95	2.17		ug/L		111	70 - 130	3	20
Dieldrin	<0.010		1.95	2.17		ug/L		111	70 - 130	3	20
Diethylphthalate	<0.50		1.95	2.17		ug/L		111	70 - 130	5	20
Dimethylphthalate	<0.50		1.95	2.11		ug/L		108	70 - 130	1	20

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

Lab Sample ID: 380-205433-J-1-A MSD
Matrix: Water
Analysis Batch: 217868

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 217404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-butyl phthalate	<1.0		3.90	4.37		ug/L		112	70 - 130	3	20
Di-n-octyl phthalate	<0.10		1.95	1.82		ug/L		93	70 - 130	6	20
Endosulfan I (Alpha)	<0.10		1.95	2.17		ug/L		111	70 - 130	3	20
Endosulfan II (Beta)	<0.10		1.95	2.20		ug/L		113	70 - 130	0	20
Endosulfan sulfate	<0.10		1.95	2.09		ug/L		107	70 - 130	1	20
Endrin	<0.010		1.95	2.28		ug/L		117	70 - 130	2	20
Endrin aldehyde	<0.10		1.95	1.69		ug/L		87	60 - 130	3	20
EPTC	<0.10		1.95	2.12		ug/L		109	70 - 130	2	20
Fluoranthene	<0.10		1.95	2.02		ug/L		103	70 - 130	3	20
Fluorene	<0.050		1.95	2.11		ug/L		108	70 - 130	3	20
gamma-Chlordane	<0.050		1.95	2.16		ug/L		111	70 - 130	4	20
Heptachlor	<0.010		1.95	2.14		ug/L		110	70 - 130	2	20
Heptachlor epoxide (isomer B)	<0.010		1.95	2.05		ug/L		105	70 - 130	1	20
Hexachlorobenzene	<0.050		1.95	1.99		ug/L		102	70 - 130	6	20
Hexachlorocyclopentadiene	<0.050		1.95	1.77		ug/L		91	70 - 130	2	20
Indeno[1,2,3-cd]pyrene	<0.050		1.95	2.00		ug/L		102	70 - 130	4	20
Isophorone	<0.10		1.95	2.05		ug/L		105	70 - 130	4	20
Lindane	<0.010		1.95	2.25		ug/L		116	70 - 130	6	20
Malathion	<0.10		1.95	2.04		ug/L		104	70 - 130	2	20
Methoxychlor	<0.050		1.95	1.94		ug/L		99	70 - 130	5	20
Metolachlor	<0.050		1.95	2.04		ug/L		104	70 - 130	2	20
Molinate	<0.10		1.95	2.20		ug/L		113	70 - 130	0	20
Naphthalene	<0.10		1.95	1.93		ug/L		99	70 - 130	1	20
Parathion	<0.10		1.95	2.21		ug/L		113	70 - 130	3	20
Pendimethalin (Penoxaline)	<0.10		1.95	2.09		ug/L		107	70 - 130	3	20
Phenanthrene	<0.040		1.95	2.06		ug/L		105	70 - 130	3	20
Propachlor	<0.050		1.95	2.09		ug/L		107	70 - 130	7	20
Pyrene	<0.050		1.95	2.04		ug/L		104	70 - 130	1	20
Simazine	<0.050		1.95	2.08		ug/L		107	70 - 130	6	20
Terbacil	<0.10		1.95	2.09		ug/L		107	70 - 130	3	20
Terbuthylazine	<0.10		1.95	2.12		ug/L		109	70 - 130	9	20
Thiobencarb	<0.10		1.95	2.06		ug/L		106	70 - 130	1	20
trans-Nonachlor	<0.050		1.95	1.88		ug/L		97	70 - 130	4	20
Trifluralin	<0.10		1.95	2.06		ug/L		106	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

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

Lab Sample ID: MB 570-718453/1-A
Matrix: Water
Analysis Batch: 719742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718453

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*	*04/02/26 09:44*	*04/05/26 09:18*	*1*

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

Lab Sample ID: MB 570-718453/1-A
Matrix: Water
Analysis Batch: 719742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718453

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		33 - 139	04/02/26 09:44	04/05/26 09:18	1
2-Fluorobiphenyl (Surr)	88		33 - 126	04/02/26 09:44	04/05/26 09:18	1
2-Fluorophenol (Surr)	62		12 - 120	04/02/26 09:44	04/05/26 09:18	1
Nitrobenzene-d5 (Surr)	93		36 - 120	04/02/26 09:44	04/05/26 09:18	1
Phenol-d6 (Surr)	38		10 - 120	04/02/26 09 44	04/05/26 09 18	1
p-Terphenyl-d14 (Surr)	93		47 - 131	04/02/26 09:44	04/05/26 09:18	1

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

Lab Sample ID: MB 570-718453/1-A
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 718453

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Acenaphthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Acenaphthylene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Anthracene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Chrysene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Fluoranthene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Fluorene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Naphthalene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Phenanthrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1
Pyrene	<0.20		0.20		ug/L		04/02/26 09:44	04/05/26 03:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	107		28 - 127	04/02/26 09:44	04/05/26 03:17	1
2-Fluorobiphenyl (Surr)	105		31 - 120	04/02/26 09:44	04/05/26 03:17	1
2-Fluorophenol (Surr)	78		17 - 120	04/02/26 09:44	04/05/26 03:17	1
Nitrobenzene-d5 (Surr)	118		27 - 120	04/02/26 09:44	04/05/26 03:17	1
Phenol-d6 (Surr)	50		10 - 120	04/02/26 09:44	04/05/26 03:17	1
p-Terphenyl-d14 (Surr)	105		45 - 120	04/02/26 09:44	04/05/26 03:17	1

Lab Sample ID: LCS 570-718453/2-A
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718453

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	16.5		ug/L		82	47 - 120		
2-Methylnaphthalene			20.0	16.1		ug/L		80	43 - 120		

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

Lab Sample ID: LCS 570-718453/2-A
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 718453

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	20.0	17.2		ug/L		86	60 - 132
Acenaphthylene	20.0	17.9		ug/L		90	54 - 126
Anthracene	20.0	16.8		ug/L		84	43 - 120
Benzo[a]anthracene	20.0	18.7		ug/L		93	42 - 133
Benzo[a]pyrene	20.0	18.1		ug/L		90	32 - 148
Benzo[b]fluoranthene	20.0	17.8		ug/L		89	42 - 140
Benzo[g,h,i]perylene	20.0	16.3		ug/L		82	1 - 195
Benzo[k]fluoranthene	20.0	17.3		ug/L		86	25 - 146
Chrysene	20.0	17.8		ug/L		89	44 - 140
Dibenz(a,h)anthracene	20.0	16.1		ug/L		80	1 - 200
Fluoranthene	20.0	16.9		ug/L		84	43 - 121
Fluorene	20.0	17.5		ug/L		87	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	16.5		ug/L		82	1 - 151
Naphthalene	20.0	14.9		ug/L		75	36 - 120
Phenanthrene	20.0	17.0		ug/L		85	65 - 120
Pyrene	20.0	20.4		ug/L		102	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*28 - 127*
2-Fluorobiphenyl (Surr)	*83*		*31 - 120*
2-Fluorophenol (Surr)	*71*		*17 - 120*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*94*		*45 - 120*

Lab Sample ID: LCSD 570-718453/3-A
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 718453

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	16.4		ug/L		82	47 - 120	1	20
2-Methylnaphthalene	20.0	16.3		ug/L		82	43 - 120	2	20
Acenaphthene	20.0	19.3		ug/L		96	60 - 132	11	29
Acenaphthylene	20.0	19.4		ug/L		97	54 - 126	8	45
Anthracene	20.0	19.1		ug/L		95	43 - 120	13	40
Benzo[a]anthracene	20.0	21.4		ug/L		107	42 - 133	14	32
Benzo[a]pyrene	20.0	21.9		ug/L		109	32 - 148	19	43
Benzo[b]fluoranthene	20.0	20.9		ug/L		104	42 - 140	16	43
Benzo[g,h,i]perylene	20.0	19.3		ug/L		97	1 - 195	17	61
Benzo[k]fluoranthene	20.0	20.4		ug/L		102	25 - 146	17	38
Chrysene	20.0	20.3		ug/L		101	44 - 140	13	53
Dibenz(a,h)anthracene	20.0	19.4		ug/L		97	1 - 200	19	75
Fluoranthene	20.0	18.8		ug/L		94	43 - 121	11	40
Fluorene	20.0	19.0		ug/L		95	70 - 120	8	23
Indeno[1,2,3-cd]pyrene	20.0	19.2		ug/L		96	1 - 151	15	60
Naphthalene	20.0	15.3		ug/L		76	36 - 120	2	39
Phenanthrene	20.0	19.3		ug/L		96	65 - 120	13	24
Pyrene	20.0	23.2		ug/L		116	70 - 120	13	30

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

Lab Sample ID: LCSD 570-718453/3-A
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 718453

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*98*		*28 - 127*
2-Fluorobiphenyl (Surr)	*95*		*31 - 120*
2-Fluorophenol (Surr)	*72*		*17 - 120*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*
Phenol d6 (Surr)	*45*		*10 - 120*
p-Terphenyl-d14 (Surr)	*113*		*45 - 120*

Lab Sample ID: 380-205656-A-1-B MS
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 718453

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.4	14.7		ug/L		76	36 - 120
2-Methylnaphthalene	<0.19		19.4	14.3		ug/L		74	32 - 124
Acenaphthene	<0.19		19.4	16.7		ug/L		86	47 - 145
Acenaphthylene	<0.19		19.4	16.8		ug/L		87	33 - 145
Anthracene	<0.19		19.4	16.6		ug/L		85	27 - 133
Benzo[a]anthracene	<0.19		19.4	18.1		ug/L		93	33 - 143
Benzo[a]pyrene	<0.19		19.4	17.6		ug/L		91	17 - 163
Benzo[b]fluoranthene	<0.19		19.4	17.7		ug/L		91	24 - 159
Benzo[g,h,i]perylene	<0.19		19.4	15.8		ug/L		81	1 - 219
Benzo[k]fluoranthene	<0.19		19.4	17.2		ug/L		88	11 - 162
Chrysene	<0.19		19.4	17.2		ug/L		89	17 - 168
Dibenz(a,h)anthracene	<0.19		19.4	16.7		ug/L		86	1 - 227
Fluoranthene	<0.19		19.4	16.6		ug/L		85	26 - 137
Fluorene	<0.19		19.4	16.5		ug/L		85	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.4	16.0		ug/L		83	1 - 171
Naphthalene	<0.19		19.4	13.5		ug/L		70	21 - 133
Phenanthrene	<0.19		19.4	16.6		ug/L		85	54 - 120
Pyrene	<0.19		19.4	19.3		ug/L		99	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*28 - 127*
2-Fluorobiphenyl (Surr)	*84*		*31 - 120*
2-Fluorophenol (Surr)	*61*		*17 - 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*93*		*45 - 120*

Lab Sample ID: 380-205656-A-1-C MSD
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 718453

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	15.0		ug/L		77	36 - 120	2	30
2-Methylnaphthalene	<0.19		19.4	14.8		ug/L		77	32 - 124	4	30
Acenaphthene	<0.19		19.4	16.6		ug/L		86	47 - 145	1	48
Acenaphthylene	<0.19		19.4	16.9		ug/L		87	33 - 145	0	74

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

Lab Sample ID: 380-205656-A-1-C MSD
Matrix: Water
Analysis Batch: 719706

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 718453

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	<0.19		19.4	16.6		ug/L		86	27 - 133	0	66
Benzo[a]anthracene	<0.19		19.4	18.0		ug/L		93	33 - 143	0	53
Benzo[a]pyrene	<0.19		19.4	17.5		ug/L		90	17 - 163	1	72
Benzo[b]fluoranthene	<0.19		19.4	17.4		ug/L		90	24 - 159	2	71
Benzo[g,h,i]perylene	<0.19		19.4	15.9		ug/L		82	1 - 219	1	97
Benzo[k]fluoranthene	<0.19		19.4	17.0		ug/L		88	11 - 162	1	63
Chrysene	<0.19		19.4	17.2		ug/L		89	17 - 168	0	87
Dibenz(a,h)anthracene	<0.19		19.4	16.5		ug/L		85	1 - 227	2	126
Fluoranthene	<0.19		19.4	16.4		ug/L		85	26 - 137	1	66
Fluorene	<0.19		19.4	16.4		ug/L		85	59 - 121	0	38
Indeno[1,2,3-cd]pyrene	<0.19		19.4	16.0		ug/L		83	1 - 171	0	99
Naphthalene	<0.19		19.4	13.7		ug/L		71	21 - 133	1	65
Phenanthrene	<0.19		19.4	16.7		ug/L		86	54 - 120	0	39
Pyrene	<0.19		19.4	19.2		ug/L		99	52 - 120	0	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*85*		*28 - 127*
2-Fluorobiphenyl (Surr)	*84*		*31 - 120*
2-Fluorophenol (Surr)	*61*		*17 - 120*
Nitrobenzene-d5 (Surr)	*74*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*

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

Lab Sample ID: MB 570-720590/8
Matrix: Water
Analysis Batch: 720590

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			04/07/26 13:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*38 - 134*		*04/07/26 13:19*	*1*

Lab Sample ID: LCS 570-720590/5
Matrix: Water
Analysis Batch: 720590

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	428		ug/L		107	78 - 120		

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

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

Lab Sample ID: LCSD 570-720590/6
Matrix: Water
Analysis Batch: 720590

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	449		ug/L		112	78 - 120	5	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*

Lab Sample ID: MRL 570-720590/9
Matrix: Water
Analysis Batch: 720590

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	12.8		ug/L		128	50 - 150		

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

Lab Sample ID: 380-205656-B-1 MS
Matrix: Water
Analysis Batch: 720590

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	438		ug/L		109	68 - 122		

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

Lab Sample ID: 380-205656-B-1 MSD
Matrix: Water
Analysis Batch: 720590

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	432		ug/L		108	68 - 122	1	18

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

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

Lab Sample ID: MB 570-717817/1-A
Matrix: Water
Analysis Batch: 720380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717817

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/01/26 08:51	04/06/26 22:19	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/01/26 08:51	04/06/26 22:19	1
C8-C18	<25		25		ug/L		04/01/26 08:51	04/06/26 22:19	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	102		60 - 130	04/01/26 08:51	04/06/26 22:19	1

Lab Sample ID: LCS 570-717817/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720380 — **Prep Batch: 717817**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1530		ug/L		95	56 - 127		

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

Lab Sample ID: LCSD 570-717817/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720380 — **Prep Batch: 717817**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1500		ug/L		94	56 - 127	1	23

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

Lab Sample ID: MRL 570-717817/4-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720380 — **Prep Batch: 717817**

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0307	^3+	mg/L		154	50 - 150		

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

Lab Sample ID: 380-205433-C-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720380 — **Prep Batch: 717817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	^3+	1650	1640		ug/L		99	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	109		60 - 130

Lab Sample ID: 380-205433-C-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 720380 — **Prep Batch: 717817**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	^3+	1660	1590		ug/L		96	70 - 130	3	20

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

Lab Sample ID: 380-205433-C-1-B MSD
Matrix: Water
Analysis Batch: 720380

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 717817

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

Lab Sample ID: 380-205656-C-1-A MS
Matrix: Water
Analysis Batch: 720380

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 717817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	^3+	1660	1380		ug/L		83	70 - 130		

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

Lab Sample ID: 380-205656-C-1-B MSD
Matrix: Water
Analysis Batch: 720380

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 717817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	^3+	1670	1580		ug/L		95	70 - 130	14	20

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

GC/MS Semi VOA

Prep Batch: 217404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
MB 380-217404/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-217404/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-217404/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-205433-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-205433-J-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	

Analysis Batch: 217868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	217404
MB 380-217404/21-A	Method Blank	Total/NA	Water	525.2	217404
LCS 380-217404/23-A	Lab Control Sample	Total/NA	Water	525.2	217404
MRL 380-217404/22-A	Lab Control Sample	Total/NA	Water	525.2	217404
380-205433-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	217404
380-205433-J-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	217404

Prep Batch: 718453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
MB 570-718453/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-718453/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-718453/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-205656-A-1-B MS	Matrix Spike	Total/NA	Water	625.1	
380-205656-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 719706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	718453
MB 570-718453/1-A	Method Blank	Total/NA	Water	625.1 SIM	718453
LCS 570-718453/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	718453
LCSD 570-718453/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	718453
380-205656-A-1-B MS	Matrix Spike	Total/NA	Water	625.1 SIM	718453
380-205656-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	718453

Analysis Batch: 719742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	718453
MB 570-718453/1-A	Method Blank	Total/NA	Water	625.1	718453

GC VOA

Analysis Batch: 720590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-205668-2	TB: Aiea Gulch Wells Pump 1 (331-201-TP071)	Total/NA	Water	8015B GRO LL	
MB 570-720590/8	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-720590/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-720590/6	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-720590/9	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-205656-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-205656-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 717817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
MB 570-717817/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-717817/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-717817/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-717817/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-205433-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-205433-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
380-205656-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-205656-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 720380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	717817
MB 570-717817/1-A	Method Blank	Total/NA	Water	8015B	717817
LCS 570-717817/2-A	Lab Control Sample	Total/NA	Water	8015B	717817
LCSD 570-717817/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	717817
MRL 570-717817/4-A	Lab Control Sample	Total/NA	Water	8015B	717817
380-205433-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	717817
380-205433-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	717817
380-205656-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	717817
380-205656-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	717817

Lab Chronicle

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

Job ID: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-205668-1

Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			217404	KRD3	EA POM	04/02/26 09:12
Total/NA	Analysis	525.2		1	217868	Q8LA	EA POM	04/05/26 17:16
Total/NA	Prep	625.1			718453	KLZQ	EET CAL 4	04/02/26 09:44
Total/NA	Analysis	625.1		1	719742	PQS1	EET CAL 4	04/05/26 11:19
Total/NA	Prep	625.1			718453	KLZQ	EET CAL 4	04/02/26 09:44
Total/NA	Analysis	625.1 SIM		1	719706	PQS1	EET CAL 4	04/05/26 05:50
Total/NA	Analysis	8015B GRO LL		1	720590	A9VE	EET CAL 4	04/07/26 20:49
Total/NA	Prep	3510C			717817	TVD6	EET CAL 4	04/02/26 08:46
Total/NA	Analysis	8015B		1	720380	H6FE	EET CAL 4	04/07/26 01:54

Client Sample ID: TB: Aiea Gulch Wells Pump 1 (331-201-TP071)

Lab Sample ID: 380-205668-2

Date Collected: 03/30/26 11:09
Date Received: 04/01/26 10:10

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	720590	A9VE	EET CAL 4	04/07/26 18:48

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: 380-205668-1
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	01-31-26 *

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

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26

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

Accreditation/Certification Summary

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

Job ID: 380-205668-1
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	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-205668-1
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: 380-205668-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-205668-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	03/30/26 11:09	04/01/26 10:10	HI0000331
380-205668-2	TB: Aiea Gulch Wells Pump 1 (331-201-TP071)	Water	03/30/26 11:09	04/01/26 10:10	

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
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:	**Analysis Requested**		Job #:
Address: 630 South Beretania Street Chemistry Lab	Due Date Requested:			Preservation Codes: R - NaThioSO4; RA - NaThio/HCl; Q - Na2SO3; QA - Na2SO3/HCl; Y - Trizma; I - NH4 Acetate
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			Other:
Site: Hawaii	SSOW#:			

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)	525.1, 525.1_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)	30-Mar-2026	1109	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)	30-Mar-2026	1109		Water				2						

380-205668 COC

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment: FedX	
[redacted]	Date/Time: 3 MAR 2026 400	Company: HBWS	Received by: Mark Urrutia	Date/Time: 4/1/26 1010	Company: EEAP
	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: (631A) 2.0+0.2=2.2 gel-frozen		

Ver: 04/02/2024

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. 31MAR26
ACTWGT 58 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

58KJ2/1172/484B

FedEx Express

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WED - 01 APR 10:30A
PRIORITY OVERNIGHT

5 of 5
MPS# 0263 8701 8514 0040
0201
Mstr# 8701 8514 0007

WM ONTA

91768
ONT
CA-US

(031A) 26+0.2 2.8 961· frozen

MarkUrcutia 4/1/26 1010

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CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
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Eurofins Pomona
941 Corporate Center Drive
Pomona, CA 91768-2642
Phone: 626-386-1100

Chain of Custody Record

eurofins | Env

Loc: 380
205668

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-319847.1
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 #: 380-205668-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/14/2026	Analysis Requested		Preservation Codes: -
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			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1_SIM/625_Prep(MOD) Extended PAH List	8015B_DRO_LL_CS/3510C_LLHNL 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) (380-205668-1)	3/30/26	11:09 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: AIEA Gulch Wells Pump 1 (331-201-TP071) (380-205668-2)	3/30/26	11:09 Hawaiian	G	Water					X	2	MRLs are needed. Confirm any hits >RL.

380-205668 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 *Unconfirmed*	*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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:		
Relinquished by: Mark Urrutia	Date/Time: 4/1/26 1535	Company: ETAP	Received by:	Date/Time: 4.1.26 1535	Company: WP
Relinquished by:	Date/Time: 4-1-26 1638	Company: WP	Received by:	Date/Time: 4/1/26 1638	Company: EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

4.8 / 4.5 IR1

Ver: 10/10/2024

4/8/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-205668-1

SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 205668

List Source: Eurofins Pomona

List Number: 1

Creator: Hernandez, Orlando

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: 380-205668-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 205668
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 04/01/26 06:25 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	4.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	