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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 3/26/2026 6:28:37 PM

JOB DESCRIPTION

RED-HILL
Weekly: Halawa Wells P1 (MS/MSD})

JOB NUMBER

380-202475-1

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
Maria Lopez, Project Manager
Maria.Lopez@et.eurofinsus.com
(626)386-1100

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Definitions/Glossary

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
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
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate 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
380-202475-1

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 3/11/2026 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.4°C, 1.5°C, 5.3°C and 5.4°C.

Receipt Exceptions
Received 2 of 3 8015B_GRO_LL sample.

HALAWA WELLS P1 (331-023-WL065) (380-202475-1)

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
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: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.033		0.0098		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		0.0098		ug/L	1		525.2	Total/NA

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 03/09/26 10:26
Date Received: 03/11/26 09:30

Lab Sample ID: 380-202475-1
Matrix: 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		03/12/26 10:30	03/13/26 16:31	1
2,4'-DDD	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
2,4'-DDE	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
2,4'-DDT	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
2-Methylnaphthalene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
4,4'-DDD	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
4,4'-DDE	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
4,4'-DDT	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Acenaphthene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Acenaphthylene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Acetochlor	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Alachlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
alpha-BHC	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
alpha-Chlordane	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Anthracene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 16:31	1
Atrazine	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Benz(a)anthracene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Benzo[a]pyrene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 16:31	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 16:31	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 16:31	1
beta-BHC	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		03/12/26 10:30	03/13/26 16:31	1
Bromacil	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Butachlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Butylbenzylphthalate	<0.49		0.49		ug/L		03/12/26 10:30	03/13/26 16:31	1
Chlorobenzilate	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Chloroneb	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Chlorpyrifos	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Chrysene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 16:31	1
delta-BHC	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		03/12/26 10:30	03/13/26 16:31	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Dieldrin	**0.033**		0.0098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Diethylphthalate	<0.49		0.49		ug/L		03/12/26 10:30	03/13/26 16:31	1
Dimethylphthalate	<0.49		0.49		ug/L		03/12/26 10:30	03/13/26 16:31	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		03/12/26 10:30	03/13/26 16:31	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Endosulfan sulfate	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Endrin	<0.0098		0.0098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Endrin aldehyde	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
EPTC	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Fluoranthene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 03/09/26 10:26
Date Received: 03/11/26 09:30

Lab Sample ID: 380-202475-1
Matrix: Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
gamma-Chlordane	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Heptachlor	<0.0098		0.0098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Heptachlor epoxide (isomer B)	**0.011**		0.0098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Hexachlorobenzene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Isophorone	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Lindane	<0.0098		0.0098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Malathion	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Methoxychlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Metolachlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Molinate	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Naphthalene	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Parathion	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Phenanthrene	<0.039		0.039		ug/L		03/12/26 10:30	03/13/26 16:31	1
Propachlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Pyrene	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Simazine	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Terbacil	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Terbuthylazine	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Thiobencarb	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		03/12/26 10:30	03/13/26 16:31	1
trans-Nonachlor	<0.049		0.049		ug/L		03/12/26 10:30	03/13/26 16:31	1
Trifluralin	<0.098		0.098		ug/L		03/12/26 10:30	03/13/26 16:31	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*03/12/26 10:30*	*03/13/26 16:31*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*03/12/26 10:30*	*03/13/26 16:31*	*1*
Perylene-d12	*101*		*70 - 130*	*03/12/26 10:30*	*03/13/26 16:31*	*1*
Triphenylphosphate	*106*		*70 - 130*	*03/12/26 10:30*	*03/13/26 16:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
2-Methylnaphthalene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Acenaphthene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Acenaphthylene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Anthracene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Benzo[a]anthracene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Benzo[a]pyrene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Chrysene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Fluoranthene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-1
Date Collected: 03/09/26 10:26
Matrix: Water
Date Received: 03/11/26 09:30
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
Fluorene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Naphthalene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Phenanthrene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1
Pyrene	<0.19		0.19		ug/L		03/11/26 20:59	03/14/26 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*	*03/11/26 20:59*	*03/14/26 17:34*	*1*
2-Fluorobiphenyl (Surr)	*82*		*31 - 120*	*03/11/26 20:59*	*03/14/26 17:34*	*1*
2-Fluorophenol (Surr)	*47*		*17 - 120*	*03/11/26 20:59*	*03/14/26 17:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*27 - 120*	*03/11/26 20:59*	*03/14/26 17:34*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*03/11/26 20:59*	*03/14/26 17:34*	*1*
p-Terphenyl-d14 (Surr)	*84*		*45 - 120*	*03/11/26 20:59*	*03/14/26 17:34*	*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*	*03/11/26 20:59*	*03/25/26 02:52*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*33 - 139*	*03/11/26 20:59*	*03/25/26 02:52*	*1*
2-Fluorobiphenyl (Surr)	*87*		*33 - 126*	*03/11/26 20:59*	*03/25/26 02:52*	*1*
2-Fluorophenol (Surr)	*50*		*12 - 120*	*03/11/26 20:59*	*03/25/26 02:52*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*	*03/11/26 20:59*	*03/25/26 02:52*	*1*
Phenol-d6 (Surr)	*30*		*10 - 120*	*03/11/26 20:59*	*03/25/26 02:52*	*1*
p-Terphenyl-d14 (Surr)	*97*		*47 - 131*	*03/11/26 20:59*	*03/25/26 02:52*	*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			03/16/26 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*		*03/16/26 14:53*	*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		03/12/26 10:24	03/22/26 14:37	1
Motor Oil Range Organics [C24-C36]	<27		27		ug/L		03/12/26 10:24	03/22/26 14:37	1
C8-C18	<27		27		ug/L		03/12/26 10:24	03/22/26 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*60 - 130*	*03/12/26 10:24*	*03/22/26 14:37*	*1*

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-2
Date Collected: 03/09/26 10:26
Matrix: Water
Date Received: 03/11/26 09:30

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			03/16/26 20:48	1

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 03/09/26 10:26
Date Received: 03/11/26 09:30

Lab Sample ID: 380-202475-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*88*		*38 - 134*		*03/16/26 20:48*	*1*

Action Limit Summary

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-1

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)	0.011		ug/L	0.2	0.0098	525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L	1	0.049	525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L	50	0.049	525.2	Total/NA
Lindane	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Methoxychlor	<0.049		ug/L	40	0.049	525.2	Total/NA
Simazine	<0.049		ug/L	4	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

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)						
380-201041-CP-1-A MS	Matrix Spike	98	103	115						
380-201041-CQ-1-A MSD	Matrix Spike Duplicate	99	105	112						
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	98	101	106						
LCS 380-212634/23-A	Lab Control Sample	98	105	112						
MB 380-212634/21-A	Method Blank	96	97	107						
MRL 380-212634/22-A	Lab Control Sample	98	98	109						

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		TBP	FBP	2FP	NBZ	PHL6	TPHd14			
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)			
380-202475-1	HALAWA WELLS P1 (331-023-WL0	91	87	50	83	30	97			

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)			
380-202475-1	HALAWA WELLS P1 (331-023-WL0	80	82	47	79	28	84			
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	85	84	55	70	34	91			
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	81	81	55	68	33	86			
LCS 570-707349/2-A	Lab Control Sample	83	82	60	70	38	91			
LCSD 570-707349/3-A	Lab Control Sample Dup	79	77	59	68	39	90			
MB 570-707349/1-A	Method Blank	82	83	56	84	35	96			

Surrogate Legend

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

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-202475-1
Project/Site: RED-HILL
SDG: Weekly: Halawa Wells P1 (MS/MSD})

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)								
380-202475-1	HALAWA WELLS P1 (331-023-WL0	89								
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	90								
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	89								
380-202475-2	TB: HALAWA WELLS P1 (331-023-WL065)	88								
LCS 570-709726/3	Lab Control Sample	84								
LCSD 570-709726/4	Lab Control Sample Dup	86								
MB 570-709726/6	Method Blank	89								
MRL 570-709726/5	Lab Control Sample	80								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-202475-1	HALAWA WELLS P1 (331-023-WL0	93								
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	104								
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	105								
LCS 570-708139/2-A	Lab Control Sample	107								
LCSD 570-708139/3-A	Lab Control Sample Dup	96								
MB 570-708139/1-A	Method Blank	107								
MRL 570-708139/4-A	Lab Control Sample	102								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-212634/21-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212634

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2,4'-DDD	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2,4'-DDE	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2,4'-DDT	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
2-Methylnaphthalene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
4,4'-DDD	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
4,4'-DDE	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
4,4'-DDT	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Acenaphthene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Acenaphthylene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Acetochlor	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Alachlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
alpha-BHC	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
alpha-Chlordane	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Anthracene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 12:08	1
Atrazine	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Benz(a)anthracene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Benzo[a]pyrene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 12:08	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 12:08	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 12:08	1
beta-BHC	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		03/12/26 10:30	03/13/26 12:08	1
Bromacil	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Butachlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Butylbenzylphthalate	<0.50		0.50		ug/L		03/12/26 10:30	03/13/26 12:08	1
Chlorobenzilate	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Chloroneb	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Chlorpyrifos	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Chrysene	<0.020		0.020		ug/L		03/12/26 10:30	03/13/26 12:08	1
delta-BHC	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		03/12/26 10:30	03/13/26 12:08	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Dieldrin	<0.0099		0.0099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Diethylphthalate	<0.50		0.50		ug/L		03/12/26 10:30	03/13/26 12:08	1
Dimethylphthalate	<0.50		0.50		ug/L		03/12/26 10:30	03/13/26 12:08	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		03/12/26 10:30	03/13/26 12:08	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Endosulfan sulfate	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Endrin	<0.0099		0.0099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Endrin aldehyde	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
EPTC	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1

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

Lab Sample ID: MB 380-212634/21-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 212634

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Fluorene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
gamma-Chlordane	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Heptachlor	<0.0099		0.0099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Hexachlorobenzene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Isophorone	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Lindane	<0.0099		0.0099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Malathion	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Methoxychlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Metolachlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Molinate	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Naphthalene	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Parathion	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Phenanthrene	<0.040		0.040		ug/L		03/12/26 10:30	03/13/26 12:08	1
Propachlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Pyrene	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Simazine	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Terbacil	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Terbuthylazine	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Thiobencarb	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		03/12/26 10:30	03/13/26 12:08	1
trans-Nonachlor	<0.050		0.050		ug/L		03/12/26 10:30	03/13/26 12:08	1
Trifluralin	<0.099		0.099		ug/L		03/12/26 10:30	03/13/26 12:08	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*5.01*	*T J N*	*ug/L*		*3.16*	*1120-21-4*	*03/12/26 10:30*	*03/13/26 12:08*	*1*
9-Octadecenamide, (Z)-	*0.894*	*T J N*	*ug/L*		*7.94*	*301-02-0*	*03/12/26 10:30*	*03/13/26 12:08*	*1*
13-Docosenamide, (Z)-	*0.730*	*T J N*	*ug/L*		*10.46*	*112-84-5*	*03/12/26 10:30*	*03/13/26 12:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*96*		*70 - 130*	*03/12/26 10:30*	*03/13/26 12:08*	*1*
Perylene-d12	*97*		*70 - 130*	*03/12/26 10:30*	*03/13/26 12:08*	*1*
Triphenylphosphate	*107*		*70 - 130*	*03/12/26 10:30*	*03/13/26 12:08*	*1*

Lab Sample ID: LCS 380-212634/23-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.98	1.99		ug/L		101	70 - 130
2,4'-DDD	1.98	2.04		ug/L		103	70 - 130
2,4'-DDE	1.98	2.24		ug/L		113	70 - 130
2,4'-DDT	1.98	2.07		ug/L		105	70 - 130
2,4-Dinitrotoluene	1.98	2.00		ug/L		101	70 - 130

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

Lab Sample ID: LCS 380-212634/23-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	1.98	1.95		ug/L		98	70 - 130
2-Methylnaphthalene	1.98	1.97		ug/L		100	70 - 130
4,4'-DDD	1.98	2.19		ug/L		111	70 - 130
4,4'-DDE	1.98	2.17		ug/L		110	70 - 130
4,4'-DDT	1.98	2.12		ug/L		107	70 - 130
Acenaphthene	1.98	2.03		ug/L		103	70 - 130
Acenaphthylene	1.98	2.04		ug/L		103	70 - 130
Acetochlor	1.98	2.25		ug/L		114	70 - 130
Alachlor	1.98	2.23		ug/L		112	70 - 130
alpha-BHC	1.98	2.12		ug/L		107	70 - 130
alpha-Chlordane	1.98	2.02		ug/L		102	70 - 130
Anthracene	1.98	1.87		ug/L		95	70 - 130
Atrazine	1.98	2.10		ug/L		106	70 - 130
Benz(a)anthracene	1.98	1.90		ug/L		96	70 - 130
Benzo[a]pyrene	1.98	2.07		ug/L		104	70 - 130
Benzo[b]fluoranthene	1.98	2.15		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.98	2.28		ug/L		115	70 - 130
Benzo[k]fluoranthene	1.98	2.11		ug/L		106	70 - 130
beta-BHC	1.98	2.07		ug/L		105	70 - 130
Bis(2-ethylhexyl) phthalate	1.98	2.49		ug/L		126	70 - 130
Bromacil	1.98	1.98		ug/L		100	70 - 130
Butachlor	1.98	2.38		ug/L		120	70 - 130
Butylbenzylphthalate	1.98	2.21		ug/L		111	70 - 130
Chlorobenzilate	1.98	2.28		ug/L		115	70 - 130
Chloroneb	1.98	2.03		ug/L		103	70 - 130
Chlorothalonil (Draconil, Bravo)	1.98	2.08		ug/L		105	70 - 130
Chlorpyrifos	1.98	2.15		ug/L		109	70 - 130
Chrysene	1.98	1.99		ug/L		101	70 - 130
delta-BHC	1.98	2.14		ug/L		108	70 - 130
Di(2-ethylhexyl)adipate	1.98	2.18		ug/L		110	70 - 130
Dibenz(a,h)anthracene	1.98	2.21		ug/L		112	70 - 130
Diclorvos (DDVP)	1.98	2.03		ug/L		102	70 - 130
Dieldrin	1.98	2.24		ug/L		113	70 - 130
Diethylphthalate	1.98	2.17		ug/L		110	70 - 130
Dimethylphthalate	1.98	2.06		ug/L		104	70 - 130
Di-n-butyl phthalate	3.96	4.57		ug/L		115	70 - 130
Di-n-octyl phthalate	1.98	2.33		ug/L		118	70 - 130
Endosulfan I (Alpha)	1.98	2.04		ug/L		103	70 - 130
Endosulfan II (Beta)	1.98	2.10		ug/L		106	70 - 130
Endosulfan sulfate	1.98	2.33		ug/L		118	70 - 130
Endrin	1.98	2.27		ug/L		115	70 - 130
Endrin aldehyde	1.98	2.23		ug/L		113	60 - 130
EPTC	1.98	2.08		ug/L		105	70 - 130
Fluoranthene	1.98	2.11		ug/L		107	70 - 130
Fluorene	1.98	1.96		ug/L		99	70 - 130
gamma-Chlordane	1.98	2.03		ug/L		103	70 - 130
Heptachlor	1.98	2.18		ug/L		110	70 - 130
Heptachlor epoxide (isomer B)	1.98	2.16		ug/L		109	70 - 130
Hexachlorobenzene	1.98	1.96		ug/L		99	70 - 130

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

Lab Sample ID: LCS 380-212634/23-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorocyclopentadiene	1.98	1.98		ug/L		100	70 - 130
Indeno[1,2,3-cd]pyrene	1.98	2.19		ug/L		110	70 - 130
Isophorone	1.98	1.96		ug/L		99	70 - 130
Lindane	1.98	2.09		ug/L		106	70 - 130
Malathion	1.98	2.40		ug/L		121	70 - 130
Methoxychlor	1.98	2.23		ug/L		113	70 - 130
Metolachlor	1.98	2.26		ug/L		114	70 - 130
Molinate	1.98	2.07		ug/L		104	70 - 130
Naphthalene	1.98	2.00		ug/L		101	70 - 130
Parathion	1.98	2.24		ug/L		113	70 - 130
Pendimethalin (Penoxaline)	1.98	2.09		ug/L		105	70 - 130
Phenanthrene	1.98	2.04		ug/L		103	70 - 130
Propachlor	1.98	2.09		ug/L		105	70 - 130
Pyrene	1.98	2.07		ug/L		104	70 - 130
Simazine	1.98	1.99		ug/L		101	70 - 130
Terbacil	1.98	2.06		ug/L		104	70 - 130
Terbuthylazine	1.98	2.18		ug/L		110	70 - 130
Thiobencarb	1.98	2.16		ug/L		109	70 - 130
trans-Nonachlor	1.98	2.02		ug/L		102	70 - 130
Trifluralin	1.98	1.96		ug/L		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*105*		*70 - 130*
Triphenylphosphate	*112*		*70 - 130*

Lab Sample ID: MRL 380-212634/22-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0992	0.0889	J	ug/L		90	50 - 150
2,4'-DDD	0.0992	0.0959	J	ug/L		97	50 - 150
2,4'-DDE	0.0992	0.0867	J	ug/L		87	50 - 150
2,4'-DDT	0.0992	0.108		ug/L		109	50 - 150
2,4-Dinitrotoluene	0.0992	0.0982	J	ug/L		99	50 - 150
2,6-Dinitrotoluene	0.0992	0.113		ug/L		114	50 - 150
2-Methylnaphthalene	0.0992	0.0834	J	ug/L		84	50 - 150
4,4'-DDD	0.0992	0.0933	J	ug/L		94	50 - 150
4,4'-DDE	0.0992	0.0876	J	ug/L		88	50 - 150
4,4'-DDT	0.0992	0.117		ug/L		118	50 - 150
Acenaphthene	0.0992	0.0821	J	ug/L		83	50 - 150
Acenaphthylene	0.0992	0.0876	J	ug/L		88	50 - 150
Acetochlor	0.0992	0.107		ug/L		108	50 - 150
Alachlor	0.0496	0.0483	J	ug/L		97	50 - 150
alpha-BHC	0.0992	0.106		ug/L		107	50 - 150
alpha-Chlordane	0.0248	<0.029		ug/L		102	50 - 150
Anthracene	0.0198	0.0192	J	ug/L		97	50 - 150

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

Lab Sample ID: MRL 380-212634/22-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	0.0496	0.0525		ug/L		106	50 - 150
Benz(a)anthracene	0.0496	0.0500		ug/L		101	50 - 150
Benzo[a]pyrene	0.0198	0.0200		ug/L		101	50 - 150
Benzo[b]fluoranthene	0.0198	0.0233		ug/L		118	50 - 150
Benzo[g,h,i]perylene	0.0496	0.0377	J	ug/L		76	50 - 150
Benzo[k]fluoranthene	0.0198	0.0231		ug/L		116	50 - 150
beta-BHC	0.0992	0.108		ug/L		109	50 - 150
Bis(2-ethylhexyl) phthalate	0.595	0.613		ug/L		103	50 - 150
Bromacil	0.0992	0.114		ug/L		115	50 - 150
Butachlor	0.0496	0.0466	J	ug/L		94	50 - 150
Butylbenzylphthalate	0.496	0.511		ug/L		103	50 - 150
Chlorobenzilate	0.0992	0.0887	J	ug/L		89	50 - 150
Chloroneb	0.0992	0.0960	J	ug/L		97	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0992	0.0909	J	ug/L		92	50 - 150
Chlorpyrifos	0.0496	0.0518		ug/L		104	50 - 150
Chrysene	0.0198	0.0231		ug/L		117	50 - 150
delta-BHC	0.0992	0.0973	J	ug/L		98	50 - 150
Di(2-ethylhexyl)adipate	0.595	0.573	J	ug/L		96	50 - 150
Dibenz(a,h)anthracene	0.0496	0.0417	J	ug/L		84	50 - 150
Diclorvos (DDVP)	0.0496	0.0510		ug/L		103	50 - 150
Dieldrin	0.00992	0.0101		ug/L		102	50 - 150
Diethylphthalate	0.496	0.508		ug/L		102	50 - 150
Dimethylphthalate	0.496	0.500		ug/L		101	50 - 150
Di-n-butyl phthalate	0.496	0.636	J	ug/L		128	49 - 243
Di-n-octyl phthalate	0.0992	0.0902	J	ug/L		91	50 - 150
Endosulfan I (Alpha)	0.0992	0.0918	J	ug/L		93	50 - 150
Endosulfan II (Beta)	0.0992	0.104		ug/L		105	50 - 150
Endosulfan sulfate	0.0992	0.0900	J	ug/L		91	50 - 150
Endrin	0.00992	0.00881	J	ug/L		89	50 - 150
Endrin aldehyde	0.0992	0.101		ug/L		102	50 - 150
EPTC	0.0992	0.0887	J	ug/L		89	50 - 150
Fluoranthene	0.0992	0.0974	J	ug/L		98	50 - 150
Fluorene	0.0496	<0.050		ug/L		93	50 - 150
gamma-Chlordane	0.0248	0.0263	J	ug/L		106	50 - 150
Heptachlor	0.00992	0.00844	J	ug/L		85	50 - 150
Heptachlor epoxide (isomer B)	0.00992	0.00954	J	ug/L		96	50 - 150
Hexachlorobenzene	0.0496	<0.041		ug/L		82	50 - 150
Hexachlorocyclopentadiene	0.0496	0.0519		ug/L		105	50 - 150
Indeno[1,2,3-cd]pyrene	0.0496	0.0434	J	ug/L		88	50 - 150
Isophorone	0.0992	0.114		ug/L		115	50 - 150
Lindane	0.00992	0.0121		ug/L		122	50 - 150
Malathion	0.0992	0.0884	J	ug/L		89	50 - 150
Methoxychlor	0.0496	0.0564		ug/L		114	50 - 150
Metolachlor	0.0496	0.0507		ug/L		102	50 - 150
Molinate	0.0992	0.0930	J	ug/L		94	50 - 150
Naphthalene	0.0992	0.0943	J	ug/L		95	50 - 150
Parathion	0.0992	0.0929	J	ug/L		94	50 - 150
Pendimethalin (Penoxaline)	0.0992	0.0960	J	ug/L		97	50 - 150
Phenanthrene	0.0397	0.0355	J	ug/L		89	50 - 150

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

Lab Sample ID: MRL 380-212634/22-A
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Propachlor	0.0496	0.0483	J	ug/L		97	50 - 150
Pyrene	0.0496	0.0491	J	ug/L		99	50 - 150
Simazine	0.0496	0.0481	J	ug/L		97	50 - 150
Terbacil	0.0992	0.104		ug/L		105	50 - 150
Terbuthylazine	0.0992	0.104		ug/L		105	50 - 150
Thiobencarb	0.0992	0.0965	J	ug/L		97	50 - 150
trans-Nonachlor	0.0248	<0.026		ug/L		94	50 - 150
Trifluralin	0.0992	0.0893	J	ug/L		90	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*98*		*70 - 130*
Triphenylphosphate	*109*		*70 - 130*

Lab Sample ID: 380-201041-CP-1-A MS
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.097		1.98	1.96		ug/L		99	70 - 130
2,4'-DDD	<0.097		1.98	2.10		ug/L		106	70 - 130
2,4'-DDE	<0.097		1.98	2.32		ug/L		117	70 - 130
2,4'-DDT	<0.097		1.98	2.13		ug/L		107	70 - 130
2,4-Dinitrotoluene	<0.097		1.98	2.26		ug/L		114	70 - 130
2,6-Dinitrotoluene	<0.097		1.98	2.20		ug/L		111	70 - 130
2-Methylnaphthalene	<0.097		1.98	1.96		ug/L		99	70 - 130
4,4'-DDD	<0.097		1.98	2.30		ug/L		116	70 - 130
4,4'-DDE	<0.097		1.98	2.19		ug/L		111	70 - 130
4,4'-DDT	<0.097		1.98	2.18		ug/L		110	70 - 130
Acenaphthene	<0.097		1.98	2.00		ug/L		101	70 - 130
Acenaphthylene	<0.097		1.98	2.05		ug/L		104	70 - 130
Acetochlor	<0.097		1.98	2.36		ug/L		119	70 - 130
Alachlor	<0.049		1.98	2.30		ug/L		116	70 - 130
alpha-BHC	<0.097		1.98	2.16		ug/L		109	70 - 130
alpha-Chlordane	<0.049		1.98	2.13		ug/L		107	70 - 130
Anthracene	<0.019		1.98	1.45		ug/L		73	70 - 130
Atrazine	<0.049		1.98	2.30		ug/L		116	70 - 130
Benz(a)anthracene	<0.049		1.98	1.88		ug/L		95	70 - 130
Benzo[a]pyrene	<0.019		1.98	1.94		ug/L		98	70 - 130
Benzo[b]fluoranthene	<0.019		1.98	2.12		ug/L		107	70 - 130
Benzo[g,h,i]perylene	<0.049		1.98	2.15		ug/L		109	70 - 130
Benzo[k]fluoranthene	<0.019		1.98	2.14		ug/L		108	70 - 130
beta-BHC	<0.097		1.98	2.15		ug/L		109	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.98	2.45		ug/L		124	70 - 130
Bromacil	<0.097		1.98	2.25		ug/L		114	70 - 130
Butachlor	<0.049		1.98	2.42		ug/L		122	70 - 130
Butylbenzylphthalate	<0.49		1.98	2.27		ug/L		114	70 - 130
Chlorobenzilate	<0.097		1.98	2.37		ug/L		120	70 - 130

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

Lab Sample ID: 380-201041-CP-1-A MS
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroneb	<0.097		1.98	2.10		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.98	2.23		ug/L		113	70 - 130
Chlorpyrifos	<0.049		1.98	2.19		ug/L		110	70 - 130
Chrysene	<0.019		1.98	1.89		ug/L		96	70 - 130
delta-BHC	<0.097		1.98	2.20		ug/L		111	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.98	2.26		ug/L		114	70 - 130
Dibenz(a,h)anthracene	<0.049		1.98	2.13		ug/L		108	70 - 130
Diclorvos (DDVP)	<0.049		1.98	2.17		ug/L		110	70 - 130
Dieldrin	<0.0097		1.98	2.32		ug/L		117	70 - 130
Diethylphthalate	<0.49		1.98	2.27		ug/L		114	70 - 130
Dimethylphthalate	<0.49		1.98	2.11		ug/L		107	70 - 130
Di-n-butyl phthalate	<0.97		3.96	4.79		ug/L		121	70 - 130
Di-n-octyl phthalate	<0.097		1.98	2.28		ug/L		115	70 - 130
Endosulfan I (Alpha)	<0.097		1.98	2.00		ug/L		101	70 - 130
Endosulfan II (Beta)	<0.097		1.98	2.05		ug/L		103	70 - 130
Endosulfan sulfate	<0.097		1.98	2.45		ug/L		123	70 - 130
Endrin	<0.0097		1.98	2.41		ug/L		122	70 - 130
Endrin aldehyde	<0.097		1.98	1.75		ug/L		88	60 - 130
EPTC	<0.097		1.98	2.09		ug/L		106	70 - 130
Fluoranthene	<0.097		1.98	2.13		ug/L		107	70 - 130
Fluorene	<0.049		1.98	1.96		ug/L		99	70 - 130
gamma-Chlordane	<0.049		1.98	2.08		ug/L		105	70 - 130
Heptachlor	<0.0097		1.98	2.26		ug/L		114	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.98	2.15		ug/L		108	70 - 130
Hexachlorobenzene	<0.049		1.98	2.00		ug/L		101	70 - 130
Hexachlorocyclopentadiene	<0.049		1.98	2.12		ug/L		107	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.98	2.12		ug/L		107	70 - 130
Isophorone	<0.097		1.98	1.96		ug/L		99	70 - 130
Lindane	<0.0097		1.98	2.20		ug/L		111	70 - 130
Malathion	<0.097		1.98	2.48		ug/L		125	70 - 130
Methoxychlor	<0.049		1.98	2.22		ug/L		112	70 - 130
Metolachlor	<0.049		1.98	2.28		ug/L		115	70 - 130
Molinate	<0.097		1.98	2.13		ug/L		108	70 - 130
Naphthalene	<0.097		1.98	1.97		ug/L		99	70 - 130
Parathion	<0.097		1.98	2.37		ug/L		120	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.98	2.30		ug/L		116	70 - 130
Phenanthrene	<0.039		1.98	2.00		ug/L		101	70 - 130
Propachlor	<0.049		1.98	2.22		ug/L		112	70 - 130
Pyrene	<0.049		1.98	2.05		ug/L		104	70 - 130
Simazine	<0.049		1.98	2.26		ug/L		114	70 - 130
Terbacil	<0.097		1.98	2.37		ug/L		120	70 - 130
Terbuthylazine	<0.097		1.98	2.41		ug/L		121	70 - 130
Thiobencarb	<0.097		1.98	2.23		ug/L		113	70 - 130
trans-Nonachlor	<0.049		1.98	2.02		ug/L		102	70 - 130
Trifluralin	<0.097		1.98	2.14		ug/L		108	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*

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

Lab Sample ID: 380-201041-CP-1-A MS
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 212634

Surrogate	MS %Recovery	MS Qualifier	Limits
Perylene-d12	*103*		*70 - 130*
Triphenylphosphate	*115*		*70 - 130*

Lab Sample ID: 380-201041-CQ-1-A MSD
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.097		1.99	1.99		ug/L		100	70 - 130	1	20
2,4'-DDD	<0.097		1.99	2.07		ug/L		104	70 - 130	2	20
2,4'-DDE	<0.097		1.99	2.26		ug/L		113	70 - 130	3	20
2,4'-DDT	<0.097		1.99	2.04		ug/L		103	70 - 130	4	20
2,4-Dinitrotoluene	<0.097		1.99	2.16		ug/L		109	70 - 130	4	20
2,6-Dinitrotoluene	<0.097		1.99	2.11		ug/L		106	70 - 130	4	20
2-Methylnaphthalene	<0.097		1.99	1.97		ug/L		99	70 - 130	1	20
4,4'-DDD	<0.097		1.99	2.23		ug/L		112	70 - 130	3	20
4,4'-DDE	<0.097		1.99	2.10		ug/L		106	70 - 130	4	20
4,4'-DDT	<0.097		1.99	2.07		ug/L		104	70 - 130	5	20
Acenaphthene	<0.097		1.99	2.02		ug/L		101	70 - 130	1	20
Acenaphthylene	<0.097		1.99	2.04		ug/L		102	70 - 130	1	20
Acetochlor	<0.097		1.99	2.30		ug/L		116	70 - 130	3	20
Alachlor	<0.049		1.99	2.26		ug/L		114	70 - 130	2	20
alpha-BHC	<0.097		1.99	2.10		ug/L		106	70 - 130	3	20
alpha-Chlordane	<0.049		1.99	2.07		ug/L		104	70 - 130	3	20
Anthracene	<0.019		1.99	1.46		ug/L		74	70 - 130	1	20
Atrazine	<0.049		1.99	2.17		ug/L		109	70 - 130	6	20
Benz(a)anthracene	<0.049		1.99	1.84		ug/L		93	70 - 130	2	20
Benzo[a]pyrene	<0.019		1.99	1.99		ug/L		100	70 - 130	2	20
Benzo[b]fluoranthene	<0.019		1.99	2.20		ug/L		110	70 - 130	4	20
Benzo[g,h,i]perylene	<0.049		1.99	2.28		ug/L		115	70 - 130	6	20
Benzo[k]fluoranthene	<0.019		1.99	2.09		ug/L		105	70 - 130	3	20
beta-BHC	<0.097		1.99	2.06		ug/L		104	70 - 130	4	20
Bis(2-ethylhexyl) phthalate	<0.58		1.99	2.40		ug/L		121	70 - 130	2	20
Bromacil	<0.097		1.99	2.15		ug/L		108	70 - 130	4	20
Butachlor	<0.049		1.99	2.39		ug/L		120	70 - 130	1	20
Butylbenzylphthalate	<0.49		1.99	2.22		ug/L		112	70 - 130	2	20
Chlorobenzilate	<0.097		1.99	2.31		ug/L		116	70 - 130	2	20
Chloroneb	<0.097		1.99	2.11		ug/L		106	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	<0.097		1.99	2.17		ug/L		109	70 - 130	3	20
Chlorpyrifos	<0.049		1.99	2.16		ug/L		109	70 - 130	1	20
Chrysene	<0.019		1.99	1.97		ug/L		99	70 - 130	4	20
delta-BHC	<0.097		1.99	2.11		ug/L		106	70 - 130	4	20
Di(2-ethylhexyl)adipate	<0.58		1.99	2.11		ug/L		106	70 - 130	7	20
Dibenz(a,h)anthracene	<0.049		1.99	2.13		ug/L		107	70 - 130	0	20
Diclorvos (DDVP)	<0.049		1.99	2.13		ug/L		107	70 - 130	2	20
Dieldrin	<0.0097		1.99	2.27		ug/L		114	70 - 130	2	20
Diethylphthalate	<0.49		1.99	2.22		ug/L		111	70 - 130	2	20
Dimethylphthalate	<0.49		1.99	2.10		ug/L		105	70 - 130	1	20

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

Lab Sample ID: 380-201041-CQ-1-A MSD
Matrix: Water
Analysis Batch: 213016

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 212634

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-butyl phthalate	<0.97		3.98	4.67		ug/L		117	70 - 130	3	20
Di-n-octyl phthalate	<0.097		1.99	2.21		ug/L		111	70 - 130	3	20
Endosulfan I (Alpha)	<0.097		1.99	2.04		ug/L		102	70 - 130	2	20
Endosulfan II (Beta)	<0.097		1.99	2.05		ug/L		103	70 - 130	0	20
Endosulfan sulfate	<0.097		1.99	2.40		ug/L		121	70 - 130	2	20
Endrin	<0.0097		1.99	2.34		ug/L		117	70 - 130	3	20
Endrin aldehyde	<0.097		1.99	1.81		ug/L		91	60 - 130	3	20
EPTC	<0.097		1.99	2.12		ug/L		107	70 - 130	2	20
Fluoranthene	<0.097		1.99	2.07		ug/L		104	70 - 130	3	20
Fluorene	<0.049		1.99	1.93		ug/L		97	70 - 130	2	20
gamma-Chlordane	<0.049		1.99	2.05		ug/L		103	70 - 130	1	20
Heptachlor	<0.0097		1.99	2.21		ug/L		111	70 - 130	2	20
Heptachlor epoxide (isomer B)	<0.0097		1.99	2.12		ug/L		106	70 - 130	1	20
Hexachlorobenzene	<0.049		1.99	1.99		ug/L		100	70 - 130	1	20
Hexachlorocyclopentadiene	<0.049		1.99	2.09		ug/L		105	70 - 130	1	20
Indeno[1,2,3-cd]pyrene	<0.049		1.99	2.15		ug/L		108	70 - 130	2	20
Isophorone	<0.097		1.99	1.96		ug/L		98	70 - 130	0	20
Lindane	<0.0097		1.99	2.12		ug/L		106	70 - 130	4	20
Malathion	<0.097		1.99	2.44		ug/L		123	70 - 130	2	20
Methoxychlor	<0.049		1.99	2.26		ug/L		113	70 - 130	2	20
Metolachlor	<0.049		1.99	2.26		ug/L		114	70 - 130	1	20
Molinate	<0.097		1.99	2.13		ug/L		107	70 - 130	0	20
Naphthalene	<0.097		1.99	2.00		ug/L		101	70 - 130	2	20
Parathion	<0.097		1.99	2.32		ug/L		117	70 - 130	2	20
Pendimethalin (Penoxaline)	<0.097		1.99	2.20		ug/L		110	70 - 130	4	20
Phenanthrene	<0.039		1.99	2.01		ug/L		101	70 - 130	1	20
Propachlor	<0.049		1.99	2.16		ug/L		109	70 - 130	3	20
Pyrene	<0.049		1.99	2.04		ug/L		103	70 - 130	0	20
Simazine	<0.049		1.99	2.10		ug/L		105	70 - 130	7	20
Terbacil	<0.097		1.99	2.23		ug/L		112	70 - 130	6	20
Terbuthylazine	<0.097		1.99	2.27		ug/L		114	70 - 130	6	20
Thiobencarb	<0.097		1.99	2.18		ug/L		110	70 - 130	2	20
trans-Nonachlor	<0.049		1.99	1.99		ug/L		100	70 - 130	2	20
Trifluralin	<0.097		1.99	2.08		ug/L		105	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*105*		*70 - 130*
Triphenylphosphate	*112*		*70 - 130*

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

Lab Sample ID: MB 570-707349/1-A
Matrix: Water
Analysis Batch: 709156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 707349

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
2-Methylnaphthalene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1

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

Lab Sample ID: MB 570-707349/1-A
Matrix: Water
Analysis Batch: 709156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 707349

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Acenaphthylene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Anthracene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[a]anthracene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[a]pyrene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Chrysene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Fluoranthene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Fluorene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Naphthalene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Phenanthrene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1
Pyrene	<0.20		0.20		ug/L		03/11/26 14:25	03/13/26 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*28 - 127*	*03/11/26 14:25*	*03/13/26 22:33*	*1*
2-Fluorobiphenyl (Surr)	*83*		*31 - 120*	*03/11/26 14:25*	*03/13/26 22:33*	*1*
2-Fluorophenol (Surr)	*56*		*17 - 120*	*03/11/26 14:25*	*03/13/26 22:33*	*1*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*	*03/11/26 14:25*	*03/13/26 22:33*	*1*
Phenol-d6 (Surr)	*35*		*10 - 120*	*03/11/26 14:25*	*03/13/26 22:33*	*1*
p-Terphenyl-d14 (Surr)	*96*		*45 - 120*	*03/11/26 14:25*	*03/13/26 22:33*	*1*

Lab Sample ID: LCS 570-707349/2-A
Matrix: Water
Analysis Batch: 709156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707349

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.2		ug/L		71	47 - 120
2-Methylnaphthalene	20.0	13.5		ug/L		68	43 - 120
Acenaphthene	20.0	16.7		ug/L		83	60 - 132
Acenaphthylene	20.0	16.9		ug/L		85	54 - 126
Anthracene	20.0	17.0		ug/L		85	43 - 120
Benzo[a]anthracene	20.0	18.0		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	15.0		ug/L		75	32 - 148
Benzo[b]fluoranthene	20.0	15.9		ug/L		79	42 - 140
Benzo[g,h,i]perylene	20.0	15.4		ug/L		77	1 - 195
Benzo[k]fluoranthene	20.0	15.3		ug/L		77	25 - 146
Chrysene	20.0	17.1		ug/L		86	44 - 140
Dibenz(a,h)anthracene	20.0	16.3		ug/L		81	1 - 200
Fluoranthene	20.0	16.9		ug/L		84	43 - 121
Fluorene	20.0	16.9		ug/L		85	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	15.8		ug/L		79	1 - 151
Naphthalene	20.0	13.6		ug/L		68	36 - 120
Phenanthrene	20.0	16.9		ug/L		84	65 - 120
Pyrene	20.0	19.1		ug/L		96	70 - 120

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

Lab Sample ID: LCS 570-707349/2-A
Matrix: Water
Analysis Batch: 709156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 707349

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	83		28 - 127
2-Fluorobiphenyl (Surr)	82		31 - 120
2-Fluorophenol (Surr)	60		17 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120
Phenol d6 (Surr)	38		10 - 120
p-Terphenyl-d14 (Surr)	91		45 - 120

Lab Sample ID: LCSD 570-707349/3-A
Matrix: Water
Analysis Batch: 709156

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 707349

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	13.8		ug/L		69	47 - 120	2	20
2-Methylnaphthalene			20.0	13.3		ug/L		66	43 - 120	2	20
Acenaphthene			20.0	15.7		ug/L		78	60 - 132	6	29
Acenaphthylene			20.0	15.9		ug/L		79	54 - 126	6	45
Anthracene			20.0	16.3		ug/L		81	43 - 120	4	40
Benzo[a]anthracene			20.0	17.4		ug/L		87	42 - 133	3	32
Benzo[a]pyrene			20.0	14.8		ug/L		74	32 - 148	1	43
Benzo[b]fluoranthene			20.0	15.4		ug/L		77	42 - 140	3	43
Benzo[g,h,i]perylene			20.0	15.2		ug/L		76	1 - 195	1	61
Benzo[k]fluoranthene			20.0	14.9		ug/L		74	25 - 146	3	38
Chrysene			20.0	16.5		ug/L		83	44 - 140	4	53
Dibenz(a,h)anthracene			20.0	15.9		ug/L		79	1 - 200	3	75
Fluoranthene			20.0	15.9		ug/L		79	43 - 121	6	40
Fluorene			20.0	16.2		ug/L		81	70 - 120	5	23
Indeno[1,2,3-cd]pyrene			20.0	15.6		ug/L		78	1 - 151	1	60
Naphthalene			20.0	13.3		ug/L		67	36 - 120	2	39
Phenanthrene			20.0	16.1		ug/L		80	65 - 120	5	24
Pyrene			20.0	18.5		ug/L		93	70 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	79		28 - 127
2-Fluorobiphenyl (Surr)	77		31 - 120
2-Fluorophenol (Surr)	59		17 - 120
Nitrobenzene-d5 (Surr)	68		27 - 120
Phenol-d6 (Surr)	39		10 - 120
p-Terphenyl-d14 (Surr)	90		45 - 120

Lab Sample ID: 380-202475-1 MS
Matrix: Water
Analysis Batch: 709371

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 707349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.5	13.8		ug/L		71	36 - 120
2-Methylnaphthalene	<0.19		19.5	13.0		ug/L		67	32 - 124
Acenaphthene	<0.19		19.5	16.7		ug/L		85	47 - 145
Acenaphthylene	<0.19		19.5	16.9		ug/L		86	33 - 145

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

Lab Sample ID: 380-202475-1 MS
Matrix: Water
Analysis Batch: 709371

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 707349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	<0.19		19.5	17.0		ug/L		87	27 - 133
Benzo[a]anthracene	<0.19		19.5	18.0		ug/L		92	33 - 143
Benzo[a]pyrene	<0.19		19.5	16.4		ug/L		84	17 - 163
Benzo[b]fluoranthene	<0.19		19.5	16.7		ug/L		85	24 - 159
Benzo[g,h,i]perylene	<0.19		19.5	16.5		ug/L		84	1 - 219
Benzo[k]fluoranthene	<0.19		19.5	15.5		ug/L		79	11 - 162
Chrysene	<0.19		19.5	16.9		ug/L		87	17 - 168
Dibenz(a,h)anthracene	<0.19		19.5	17.3		ug/L		89	1 - 227
Fluoranthene	<0.19		19.5	16.4		ug/L		84	26 - 137
Fluorene	<0.19		19.5	16.7		ug/L		85	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.5	17.5		ug/L		89	1 - 171
Naphthalene	<0.19		19.5	13.4		ug/L		69	21 - 133
Phenanthrene	<0.19		19.5	16.9		ug/L		87	54 - 120
Pyrene	<0.19		19.5	19.2		ug/L		98	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)	*55*		*17 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*91*		*45 - 120*

Lab Sample ID: 380-202475-1 MSD
Matrix: Water
Analysis Batch: 709371

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 707349

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.6	13.4		ug/L		69	36 - 120	3	30
2-Methylnaphthalene	<0.19		19.6	12.8		ug/L		66	32 - 124	2	30
Acenaphthene	<0.19		19.6	16.0		ug/L		82	47 - 145	4	48
Acenaphthylene	<0.19		19.6	16.4		ug/L		84	33 - 145	3	74
Anthracene	<0.19		19.6	16.6		ug/L		85	27 - 133	2	66
Benzo[a]anthracene	<0.19		19.6	17.3		ug/L		89	33 - 143	4	53
Benzo[a]pyrene	<0.19		19.6	16.3		ug/L		83	17 - 163	1	72
Benzo[b]fluoranthene	<0.19		19.6	16.4		ug/L		84	24 - 159	2	71
Benzo[g,h,i]perylene	<0.19		19.6	16.4		ug/L		84	1 - 219	0	97
Benzo[k]fluoranthene	<0.19		19.6	15.4		ug/L		79	11 - 162	0	63
Chrysene	<0.19		19.6	16.3		ug/L		83	17 - 168	4	87
Dibenz(a,h)anthracene	<0.19		19.6	17.4		ug/L		89	1 - 227	0	126
Fluoranthene	<0.19		19.6	16.1		ug/L		82	26 - 137	2	66
Fluorene	<0.19		19.6	16.0		ug/L		82	59 - 121	4	38
Indeno[1,2,3-cd]pyrene	<0.19		19.6	17.2		ug/L		88	1 - 171	1	99
Naphthalene	<0.19		19.6	13.2		ug/L		68	21 - 133	2	65
Phenanthrene	<0.19		19.6	16.5		ug/L		84	54 - 120	3	39
Pyrene	<0.19		19.6	17.9		ug/L		92	52 - 120	7	49

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

Lab Sample ID: 380-202475-1 MSD
Matrix: Water
Analysis Batch: 709371

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 707349

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*28 - 127*
2-Fluorobiphenyl (Surr)	*81*		*31 - 120*
2-Fluorophenol (Surr)	*55*		*17 - 120*
Nitrobenzene-d5 (Surr)	*68*		*27 - 120*
Phenol d6 (Surr)	*33*		*10 - 120*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*

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

Lab Sample ID: MB 570-709726/6
Matrix: Water
Analysis Batch: 709726

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			03/16/26 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*38 - 134*		*03/16/26 11:34*	*1*

Lab Sample ID: LCS 570-709726/3
Matrix: Water
Analysis Batch: 709726

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	376		ug/L		94	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*38 - 134*

Lab Sample ID: LCSD 570-709726/4
Matrix: Water
Analysis Batch: 709726

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	390		ug/L		97	78 - 120	4	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*38 - 134*

Lab Sample ID: MRL 570-709726/5
Matrix: Water
Analysis Batch: 709726

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	<7.9		ug/L		74	50 - 150		

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

Lab Sample ID: MRL 570-709726/5
Matrix: Water
Analysis Batch: 709726

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

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

Lab Sample ID: 380-202475-1 MS
Matrix: Water
Analysis Batch: 709726

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
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	357		ug/L		89	68 - 122		

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

Lab Sample ID: 380-202475-1 MSD
Matrix: Water
Analysis Batch: 709726

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
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	360		ug/L		90	68 - 122	1	18

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

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

Lab Sample ID: MB 570-708139/1-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 708139

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		03/12/26 10:23	03/22/26 12:49	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		03/12/26 10:23	03/22/26 12:49	1
C8-C18	<25		25		ug/L		03/12/26 10:23	03/22/26 12:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*107*		*60 - 130*	*03/12/26 10:23*	*03/22/26 12:49*	*1*

Lab Sample ID: LCS 570-708139/2-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708139

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1550		ug/L		97	56 - 127		

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

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

Lab Sample ID: LCSD 570-708139/3-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 708139

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1390		ug/L		87	56 - 127	11	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*60 - 130*

Lab Sample ID: MRL 570-708139/4-A
Matrix: Water
Analysis Batch: 712918

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 708139

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0217	J	mg/L		109	50 - 150		

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

Lab Sample ID: 380-202475-1 MS
Matrix: Water
Analysis Batch: 712918

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<27		1670	1490		ug/L		89	70 - 130		

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

Lab Sample ID: 380-202475-1 MSD
Matrix: Water
Analysis Batch: 712918

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 708139

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<27		1660	1560		ug/L		94	70 - 130	5	20

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

GC/MS Semi VOA

Prep Batch: 212634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	
MB 380-212634/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-212634/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-212634/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-201041-CP-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-201041-CQ-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	

Analysis Batch: 213016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	525.2	212634
MB 380-212634/21-A	Method Blank	Total/NA	Water	525.2	212634
LCS 380-212634/23-A	Lab Control Sample	Total/NA	Water	525.2	212634
MRL 380-212634/22-A	Lab Control Sample	Total/NA	Water	525.2	212634
380-201041-CP-1-A MS	Matrix Spike	Total/NA	Water	525.2	212634
380-201041-CQ-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	212634

Prep Batch: 707349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	
MB 570-707349/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-707349/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-707349/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	

Analysis Batch: 709156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-707349/1-A	Method Blank	Total/NA	Water	625.1 SIM	707349
LCS 570-707349/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	707349
LCSD 570-707349/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	707349

Analysis Batch: 709371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1 SIM	707349
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1 SIM	707349
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1 SIM	707349

Analysis Batch: 714229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	625.1	707349

GC VOA

Analysis Batch: 709726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
380-202475-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
MB 570-709726/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-709726/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-709726/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-709726/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 709726 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 708139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	3510C	
MB 570-708139/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-708139/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-708139/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-708139/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	3510C	
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	3510C	

Analysis Batch: 712918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B	708139
MB 570-708139/1-A	Method Blank	Total/NA	Water	8015B	708139
LCS 570-708139/2-A	Lab Control Sample	Total/NA	Water	8015B	708139
LCSD 570-708139/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	708139
MRL 570-708139/4-A	Lab Control Sample	Total/NA	Water	8015B	708139
380-202475-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B	708139
380-202475-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B	708139

Lab Chronicle

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-1

Date Collected: 03/09/26 10:26
Matrix: Water
Date Received: 03/11/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			212634	OTM3	EA POM	03/12/26 10:30
Total/NA	Analysis	525.2		1	213016	Q8LA	EA POM	03/13/26 16:31
Total/NA	Prep	625.1			707349	S4EA	EET CAL 4	03/11/26 20:59
Total/NA	Analysis	625.1		1	714229	J7WE	EET CAL 4	03/25/26 02:52
Total/NA	Prep	625.1			707349	S4EA	EET CAL 4	03/11/26 20:59
Total/NA	Analysis	625.1 SIM		1	709371	J7WE	EET CAL 4	03/14/26 17:34
Total/NA	Analysis	8015B GRO LL		1	709726	A9VE	EET CAL 4	03/16/26 14:53
Total/NA	Prep	3510C			708139	TVD6	EET CAL 4	03/12/26 10:24
Total/NA	Analysis	8015B		1	712918	H6FE	EET CAL 4	03/22/26 14:37

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)

Lab Sample ID: 380-202475-2

Date Collected: 03/09/26 10:26
Matrix: Water
Date Received: 03/11/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	709726	A9VE	EET CAL 4	03/16/26 20:48

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: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Laboratory: Eurofins Pomona

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

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

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

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
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: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

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	03-01-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

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: 380-202475-1
SDG: Weekly: Halawa Wells P1 (MS/MSD})

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-202475-1	HALAWA WELLS P1 (331-023-WL065)	Water	03/09/26 10:26	03/11/26 09:30	HI0000331
380-202475-2	TB: HALAWA WELLS P1 (331-023-WL065)	Water	03/09/26 10:26	03/11/26 09:30	

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: 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#:			

380-202475 COC

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_C9 - 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		
Halawa Wells P1 (331-023-WL065)	9-Mar-2026	1026	G	Water		X	4	5	4	2				
Halawa Wells Units 1 & 2 (Matrix Spike)				Water			X	X	X					
Halawa Wells Units 1 & 2 (Matrix Spike Duplicate)				Water			X	X	X					
TB: Halawa Wells P1 (331-023-WL065)	9-Mar-2026	1026		Water				2						

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

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

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

Special Instructions/QC Requirements.

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

	Date/Time:	Company	Received by:	Date/Time:	Company
[redacted]	10 March 2026 1400	HBWS	Mail Nurratia	3/11/26 0930	EEAP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: (63A) 1.2*0.2 1.4 gel-frozen

Ver: 04/02/2024

3/26/2026

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

Chain of Custody Record

eurofins

Loc: 380
202475

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-313374.1
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 #: 380-202475-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 3/24/2026	Analysis Requested		Preservation Cod
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			Other: N/A
Site: Honolulu BWS Sites	SSOW#: N/A			

Analyses: Field Filtered Sample (Yes or No); Perform MS/MSD (Yes or No); 8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18; 8015B_GRO_LL/5030C(MOD) GRO; 525.1_SIM/525_Prep(MOD) Extended PAH List; Total Number of containers

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	Perform MS/MSD	8015B_DRO_LL	8015B_GRO_LL	525.1_SIM	Total Number of containers	Special
			Preservation Code:								
HALAWA WELLS P1 (331-023-WL065) (380-202475-1)	3/9/26	10:26 Hawaiian	G	Water			X	X	X	6	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-202475-1MS)	3/9/26	10:26 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-202475-1MSD)	3/9/26	10:26 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-202475-2)	3/9/26	10:26 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-202475 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	Date/Time	Company	Received by	Date/Time	Company
Mark Urrutia	3/11/26 1500	EEAP	[signature]	3-11-26 1500	UP
[signature]	3-11-26 1604	UP	[signature]	3/11/26 1604	CC

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.3 / 3.0 IR1

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-202475-1
SDG Number: Weekly: Halawa Wells P1 (MS/MSD})

Login Number: 202475
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: 380-202475-1
SDG Number: Weekly: Halawa Wells P1 (MS/MSD})

Login Number: 202475
List Number: 2
Creator: Ferreira, Bruno

List Source: Eurofins Calscience
List Creation: 03/11/26 07:04 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	Seal present with no number.
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	3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	vu9z
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	