eurofins | Environment Testing

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 4/19/2026 1:18:20 PM

JOB DESCRIPTION

RED-HILL
Weekly: Halawa Wells P1

JOB NUMBER

380-206949-1

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

Generated
4/19/2026 1:18:20 PM

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

Table of Contents

Definitions/Glossary

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

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.

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
380-206949-1

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 4/8/2026 10:00 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 2.6°C and 4.1°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
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: 380-206949-1
SDG: Weekly: Halawa Wells P1

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

Lab Sample ID: 380-206949-1

PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.036		0.0099		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		0.0099		ug/L	1		525.2	Total/NA

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

Lab Sample ID: 380-206949-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Lab Sample ID: 380-206949-1
Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2,4'-DDD	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2,4'-DDE	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2,4'-DDT	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
2-Methylnaphthalene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
4,4'-DDD	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
4,4'-DDE	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
4,4'-DDT	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Acenaphthene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Acenaphthylene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Acetochlor	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Alachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
alpha-BHC	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
alpha-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Anthracene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 11:43	1
Atrazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 11:43	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 11:43	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 11:43	1
beta-BHC	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 11:43	1
Bromacil	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Butachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 11:43	1
Chlorobenzilate	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Chloroneb	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Chlorpyrifos	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Chrysene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 11:43	1
delta-BHC	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 11:43	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Dieldrin	**0.036**		0.0099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Diethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 11:43	1
Dimethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 11:43	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		04/13/26 15:53	04/15/26 11:43	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Endosulfan sulfate	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Endrin	<0.0099		0.0099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Endrin aldehyde	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
EPTC	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Fluoranthene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Lab Sample ID: 380-206949-1
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
Fluorene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
gamma-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Heptachlor	<0.0099		0.0099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Heptachlor epoxide (isomer B)	**0.011**		0.0099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Isophorone	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Lindane	<0.0099		0.0099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Malathion	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Methoxychlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Metolachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Molinate	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Naphthalene	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Parathion	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Phenanthrene	<0.039		0.039		ug/L		04/13/26 15:53	04/15/26 11:43	1
Propachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Simazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Terbacil	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Terbuthylazine	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Thiobencarb	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/13/26 15:53	04/15/26 11:43	1
trans-Nonachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 11:43	1
Trifluralin	<0.099		0.099		ug/L		04/13/26 15:53	04/15/26 11:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/13/26 15:53*	*04/15/26 11:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*98*		*70 - 130*	*04/13/26 15:53*	*04/15/26 11:43*	*1*
Perylene-d12	*90*		*70 - 130*	*04/13/26 15:53*	*04/15/26 11:43*	*1*
Triphenylphosphate	*102*		*70 - 130*	*04/13/26 15:53*	*04/15/26 11:43*	*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		04/09/26 05:42	04/13/26 09:34	1
2-Methylnaphthalene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Acenaphthene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Acenaphthylene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Anthracene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Benzo[a]anthracene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Benzo[a]pyrene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Chrysene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Fluoranthene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1

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

Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Lab Sample ID: 380-206949-1

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Naphthalene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Phenanthrene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1
Pyrene	<0.19		0.19		ug/L		04/09/26 05:42	04/13/26 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*28 - 127*	*04/09/26 05:42*	*04/13/26 09:34*	*1*
2-Fluorobiphenyl (Surr)	*73*		*31 - 120*	*04/09/26 05:42*	*04/13/26 09:34*	*1*
2-Fluorophenol (Surr)	*51*		*17 - 120*	*04/09/26 05:42*	*04/13/26 09:34*	*1*
Nitrobenzene-d5 (Surr)	*86*		*27 - 120*	*04/09/26 05:42*	*04/13/26 09:34*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*04/09/26 05:42*	*04/13/26 09:34*	*1*
p-Terphenyl-d14 (Surr)	*72*		*45 - 120*	*04/09/26 05:42*	*04/13/26 09:34*	*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*	*04/09/26 05:42*	*04/16/26 09:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*33 - 139*	*04/09/26 05:42*	*04/16/26 09:43*	*1*
2-Fluorobiphenyl (Surr)	*86*		*33 - 126*	*04/09/26 05:42*	*04/16/26 09:43*	*1*
2-Fluorophenol (Surr)	*52*		*12 - 120*	*04/09/26 05:42*	*04/16/26 09:43*	*1*
Nitrobenzene-d5 (Surr)	*96*		*36 - 120*	*04/09/26 05:42*	*04/16/26 09:43*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*04/09/26 05:42*	*04/16/26 09:43*	*1*
p-Terphenyl-d14 (Surr)	*84*		*47 - 131*	*04/09/26 05:42*	*04/16/26 09:43*	*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			04/15/26 15:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*		*04/15/26 15:16*	*1*

Method: SW846 8015B - Diesel Range Organics (DRO) (GC) Low Level

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26		ug/L		04/10/26 09:57	04/11/26 00:02	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		04/10/26 09:57	04/11/26 00:02	1
C8-C18	<26		26		ug/L		04/10/26 09:57	04/11/26 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*60 - 130*	*04/10/26 09:57*	*04/11/26 00:02*	*1*

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

Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Lab Sample ID: 380-206949-2

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			04/17/26 16:50	1

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Lab Sample ID: 380-206949-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*		*04/17/26 16:50*	*1*

Action Limit Summary

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

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

Lab Sample ID: 380-206949-1

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	<0.0099		ug/L	2	0.0099	525.2	Total/NA
Heptachlor	<0.0099		ug/L	0.4	0.0099	525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		ug/L	0.2	0.0099	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	<0.0099		ug/L	0.2	0.0099	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: 380-206949-1
SDG: Weekly: Halawa Wells P1

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)
380-206949-1	HALAWA WELLS P1 (331-023-WL0	98	90	102

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)
380-207013-R-1-A MS	Matrix Spike	98	93	100
380-207013-S-1-A MSD	Matrix Spike Duplicate	97	93	102
LCS 380-219571/23-A	Lab Control Sample	96	95	103
MB 380-219571/21-A	Method Blank	97	88	94
MRL 380-219571/22-A	Lab Control Sample	99	86	98

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)
380-206949-1	HALAWA WELLS P1 (331-023-WL0	69	86	52	96	33	84

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
MB 570-721199/1-A	Method Blank	77	76	48	78	27	81

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)
380-206949-1	HALAWA WELLS P1 (331-023-WL0	81	73	51	86	31	72
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	83	81	70	82	44	86
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	86	86	73	81	46	85

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
LCS 570-721199/2-A	Lab Control Sample	79	80	65	76	42	83
LCSD 570-721199/3-A	Lab Control Sample Dup	80	80	63	76	40	83
MB 570-721199/1-A	Method Blank	77	74	49	83	29	72

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)
380-206949-1	HALAWA WELLS P1 (331-023-WL0	102
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	104
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

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)								
380-206949-2	TB: HALAWA WELLS P1 (331-023-\	103								
570-275047-D-4 MS	Matrix Spike	107								
570-275047-E-4 MSD	Matrix Spike Duplicate	107								
LCS 570-724791/3	Lab Control Sample	109								
LCS 570-726079/3	Lab Control Sample	103								
LCSD 570-724791/4	Lab Control Sample Dup	105								
LCSD 570-726079/4	Lab Control Sample Dup	103								
MB 570-724791/6	Method Blank	102								
MB 570-726079/6	Method Blank	103								
MRL 570-724791/5	Lab Control Sample	102								
MRL 570-726079/5	Lab Control Sample	103								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
380-206949-1	HALAWA WELLS P1 (331-023-WL0	108								
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	101								
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	106								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		OTCSN1								
Lab Sample ID	Client Sample ID	(60-130)								
LCS 570-722504/2-A	Lab Control Sample	104								
LCSD 570-722504/3-A	Lab Control Sample Dup	98								
MB 570-722504/1-A	Method Blank	92								
MRL 570-722504/4-A	Lab Control Sample	101								

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

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

Lab Sample ID: MB 380-219571/21-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDD	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDE	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
4,4'-DDT	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acenaphthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acenaphthylene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Acetochlor	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Alachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
alpha-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
alpha-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Anthracene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
Atrazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
beta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 09:00	1
Bromacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Butachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorobenzilate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chloroneb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chlorpyrifos	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Chrysene	<0.020		0.020		ug/L		04/13/26 15:53	04/15/26 09:00	1
delta-BHC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dieldrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Diethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Dimethylphthalate	<0.49		0.49		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/13/26 15:53	04/15/26 09:00	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endrin	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Endrin aldehyde	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
EPTC	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1

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

Lab Sample ID: MB 380-219571/21-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219571

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Fluorene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
gamma-Chlordane	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Heptachlor	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Isophorone	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Lindane	<0.0098		0.0098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Malathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Methoxychlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Metolachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Molinate	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Naphthalene	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Parathion	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Phenanthrene	<0.039		0.039		ug/L		04/13/26 15:53	04/15/26 09:00	1
Propachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Pyrene	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Simazine	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Terbacil	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Terbuthylazine	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Thiobencarb	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/13/26 15:53	04/15/26 09:00	1
trans-Nonachlor	<0.049		0.049		ug/L		04/13/26 15:53	04/15/26 09:00	1
Trifluralin	<0.098		0.098		ug/L		04/13/26 15:53	04/15/26 09:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Pentadecane, 7-methyl-	*1.21*	*T J N*	*ug/L*		*3.01*	*6165-40-8*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Undecane	*5.08*	*T J N*	*ug/L*		*3.13*	*1120-21-4*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Plumbane, diethyldimethyl-	*0.746*	*T J N*	*ug/L*		*3.26*	*1762-27-2*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.662*	*T J N*	*ug/L*		*3.87*	*540-97-6*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
9-Octadecenamide, (Z)-	*0.629*	*T J N*	*ug/L*		*7.88*	*301-02-0*	*04/13/26 15:53*	*04/15/26 09:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*97*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Perylene-d12	*88*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*
Triphenylphosphate	*94*		*70 - 130*	*04/13/26 15:53*	*04/15/26 09:00*	*1*

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.96	1.92		ug/L		98	70 - 130		
2,4'-DDD			1.96	2.19		ug/L		112	70 - 130		
2,4'-DDE			1.96	2.21		ug/L		113	70 - 130		

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

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDT	1.96	2.16		ug/L		110	70 - 130
2,4-Dinitrotoluene	1.96	2.05		ug/L		104	70 - 130
2,6-Dinitrotoluene	1.96	1.95		ug/L		99	70 - 130
2-Methylnaphthalene	1.96	2.01		ug/L		102	70 - 130
4,4'-DDD	1.96	2.30		ug/L		117	70 - 130
4,4'-DDE	1.96	1.93		ug/L		98	70 - 130
4,4'-DDT	1.96	2.38		ug/L		121	70 - 130
Acenaphthene	1.96	1.98		ug/L		101	70 - 130
Acenaphthylene	1.96	2.13		ug/L		108	70 - 130
Acetochlor	1.96	2.30		ug/L		117	70 - 130
Alachlor	1.96	2.35		ug/L		120	70 - 130
alpha-BHC	1.96	2.11		ug/L		108	70 - 130
alpha-Chlordane	1.96	2.18		ug/L		111	70 - 130
Anthracene	1.96	2.05		ug/L		104	70 - 130
Atrazine	1.96	2.26		ug/L		115	70 - 130
Benz(a)anthracene	1.96	2.09		ug/L		107	70 - 130
Benzo[a]pyrene	1.96	2.09		ug/L		106	70 - 130
Benzo[b]fluoranthene	1.96	2.14		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.96	1.96		ug/L		100	70 - 130
Benzo[k]fluoranthene	1.96	2.10		ug/L		107	70 - 130
beta-BHC	1.96	2.24		ug/L		114	70 - 130
Bis(2-ethylhexyl) phthalate	1.96	2.14		ug/L		109	70 - 130
Bromacil	1.96	1.92		ug/L		98	70 - 130
Butachlor	1.96	2.42		ug/L		123	70 - 130
Butylbenzylphthalate	1.96	2.29		ug/L		117	70 - 130
Chlorobenzilate	1.96	2.23		ug/L		114	70 - 130
Chloroneb	1.96	2.15		ug/L		109	70 - 130
Chlorothalonil (Draconil, Bravo)	1.96	2.16		ug/L		110	70 - 130
Chlorpyrifos	1.96	2.43		ug/L		124	70 - 130
Chrysene	1.96	2.27		ug/L		116	70 - 130
delta-BHC	1.96	2.09		ug/L		106	70 - 130
Di(2-ethylhexyl)adipate	1.96	2.25		ug/L		114	70 - 130
Dibenz(a,h)anthracene	1.96	1.95		ug/L		99	70 - 130
Diclorvos (DDVP)	1.96	2.11		ug/L		108	70 - 130
Dieldrin	1.96	2.23		ug/L		114	70 - 130
Diethylphthalate	1.96	2.34		ug/L		119	70 - 130
Dimethylphthalate	1.96	2.13		ug/L		109	70 - 130
Di-n-butyl phthalate	3.93	4.40		ug/L		112	70 - 130
Di-n-octyl phthalate	1.96	2.15		ug/L		109	70 - 130
Endosulfan I (Alpha)	1.96	2.23		ug/L		114	70 - 130
Endosulfan II (Beta)	1.96	2.18		ug/L		111	70 - 130
Endosulfan sulfate	1.96	2.05		ug/L		105	70 - 130
Endrin	1.96	2.44		ug/L		124	70 - 130
Endrin aldehyde	1.96	2.06		ug/L		105	60 - 130
EPTC	1.96	2.22		ug/L		113	70 - 130
Fluoranthene	1.96	2.28		ug/L		116	70 - 130
Fluorene	1.96	2.12		ug/L		108	70 - 130
gamma-Chlordane	1.96	2.27		ug/L		116	70 - 130
Heptachlor	1.96	2.04		ug/L		104	70 - 130

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

Lab Sample ID: LCS 380-219571/23-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor epoxide (isomer B)	1.96	2.14		ug/L		109	70 - 130
Hexachlorobenzene	1.96	1.96		ug/L		100	70 - 130
Hexachlorocyclopentadiene	1.96	1.87		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	1.96	2.03		ug/L		104	70 - 130
Isophorone	1.96	2.09		ug/L		106	70 - 130
Lindane	1.96	2.38		ug/L		121	70 - 130
Malathion	1.96	2.20		ug/L		112	70 - 130
Methoxychlor	1.96	2.36		ug/L		120	70 - 130
Metolachlor	1.96	2.40		ug/L		122	70 - 130
Molinate	1.96	2.30		ug/L		117	70 - 130
Naphthalene	1.96	2.09		ug/L		106	70 - 130
Parathion	1.96	2.41		ug/L		122	70 - 130
Pendimethalin (Penoxaline)	1.96	2.22		ug/L		113	70 - 130
Phenanthrene	1.96	2.03		ug/L		103	70 - 130
Propachlor	1.96	2.40		ug/L		122	70 - 130
Pyrene	1.96	2.36		ug/L		120	70 - 130
Simazine	1.96	2.10		ug/L		107	70 - 130
Terbacil	1.96	1.94		ug/L		99	70 - 130
Terbuthylazine	1.96	2.23		ug/L		114	70 - 130
Thiobencarb	1.96	2.33		ug/L		119	70 - 130
trans-Nonachlor	1.96	2.18		ug/L		111	70 - 130
Trifluralin	1.96	2.00		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*103*		*70 - 130*

Lab Sample ID: MRL 380-219571/22-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0985	0.116		ug/L		118	50 - 150
2,4'-DDD	0.0985	0.0922	J	ug/L		94	50 - 150
2,4'-DDE	0.0985	0.0964	J	ug/L		98	50 - 150
2,4'-DDT	0.0985	0.112		ug/L		113	50 - 150
2,4-Dinitrotoluene	0.0985	0.110		ug/L		112	50 - 150
2,6-Dinitrotoluene	0.0985	0.127		ug/L		129	50 - 150
2-Methylnaphthalene	0.0985	0.108		ug/L		109	50 - 150
4,4'-DDD	0.0985	0.109		ug/L		111	50 - 150
4,4'-DDE	0.0985	0.0897	J	ug/L		91	50 - 150
4,4'-DDT	0.0985	0.118		ug/L		119	50 - 150
Acenaphthene	0.0985	0.0969	J	ug/L		98	50 - 150
Acenaphthylene	0.0985	0.0853	J	ug/L		87	50 - 150
Acetochlor	0.0985	0.102		ug/L		104	50 - 150
Alachlor	0.0493	0.0526		ug/L		107	50 - 150
alpha-BHC	0.0985	0.0916	J	ug/L		93	50 - 150

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

Lab Sample ID: MRL 380-219571/22-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
alpha-Chlordane	0.0246	<0.029		ug/L		107	50 - 150
Anthracene	0.0197	0.0190	J	ug/L		96	50 - 150
Atrazine	0.0493	0.0524		ug/L		106	50 - 150
Benz(a)anthracene	0.0493	0.0465	J	ug/L		94	50 - 150
Benzo[a]pyrene	0.0197	0.0200		ug/L		101	50 - 150
Benzo[b]fluoranthene	0.0197	0.0257		ug/L		131	50 - 150
Benzo[g,h,i]perylene	0.0493	0.0480	J	ug/L		97	50 - 150
Benzo[k]fluoranthene	0.0197	0.0220		ug/L		112	50 - 150
beta-BHC	0.0985	0.0965	J	ug/L		98	50 - 150
Bis(2-ethylhexyl) phthalate	0.591	0.567	J	ug/L		96	50 - 150
Bromacil	0.0985	0.101		ug/L		103	50 - 150
Butachlor	0.0493	0.0500		ug/L		102	50 - 150
Butylbenzylphthalate	0.493	0.520		ug/L		106	50 - 150
Chlorobenzilate	0.0985	0.0979	J	ug/L		99	50 - 150
Chloroneb	0.0985	0.0975	J	ug/L		99	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0985	0.101		ug/L		102	50 - 150
Chlorpyrifos	0.0493	0.0442	J	ug/L		90	50 - 150
Chrysene	0.0197	0.0228		ug/L		116	50 - 150
delta-BHC	0.0985	0.0916	J	ug/L		93	50 - 150
Di(2-ethylhexyl)adipate	0.591	0.595		ug/L		101	50 - 150
Dibenz(a,h)anthracene	0.0493	0.0471	J	ug/L		96	50 - 150
Diclorvos (DDVP)	0.0493	0.0570		ug/L		116	50 - 150
Dieldrin	0.00985	0.0126		ug/L		128	50 - 150
Diethylphthalate	0.493	0.518		ug/L		105	50 - 150
Dimethylphthalate	0.493	0.483	J	ug/L		98	50 - 150
Di-n-butyl phthalate	0.493	0.532	J	ug/L		108	49 - 243
Di-n-octyl phthalate	0.0985	0.0971	J	ug/L		99	50 - 150
Endosulfan I (Alpha)	0.0985	0.0912	J	ug/L		93	50 - 150
Endosulfan II (Beta)	0.0985	0.0886	J	ug/L		90	50 - 150
Endosulfan sulfate	0.0985	0.102		ug/L		104	50 - 150
Endrin	0.00985	0.0115		ug/L		116	50 - 150
Endrin aldehyde	0.0985	0.0955	J	ug/L		97	50 - 150
EPTC	0.0985	0.0959	J	ug/L		97	50 - 150
Fluoranthene	0.0985	0.0858	J	ug/L		87	50 - 150
Fluorene	0.0493	<0.049		ug/L		97	50 - 150
gamma-Chlordane	0.0246	0.0261	J	ug/L		106	50 - 150
Heptachlor	0.00985	0.0119		ug/L		121	50 - 150
Heptachlor epoxide (isomer B)	0.00985	0.00881	J	ug/L		89	50 - 150
Hexachlorobenzene	0.0493	0.0406	J	ug/L		82	50 - 150
Hexachlorocyclopentadiene	0.0493	0.0527		ug/L		107	50 - 150
Indeno[1,2,3-cd]pyrene	0.0493	0.0473	J	ug/L		96	50 - 150
Isophorone	0.0985	0.112		ug/L		113	50 - 150
Lindane	0.00985	0.0102		ug/L		103	50 - 150
Malathion	0.0985	0.0964	J	ug/L		98	50 - 150
Methoxychlor	0.0493	0.0567		ug/L		115	50 - 150
Metolachlor	0.0493	0.0532		ug/L		108	50 - 150
Molinate	0.0985	0.0957	J	ug/L		97	50 - 150
Naphthalene	0.0985	0.0959	J	ug/L		97	50 - 150
Parathion	0.0985	0.0949	J	ug/L		96	50 - 150

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

Lab Sample ID: MRL 380-219571/22-A
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Pendimethalin (Penoxaline)	0.0985	0.0995		ug/L		101	50 - 150
Phenanthrene	0.0394	0.0387	J	ug/L		98	50 - 150
Propachlor	0.0493	0.0493		ug/L		100	50 - 150
Pyrene	0.0493	0.0453	J	ug/L		92	50 - 150
Simazine	0.0493	0.0535		ug/L		109	50 - 150
Terbacil	0.0985	0.106		ug/L		108	50 - 150
Terbuthylazine	0.0985	0.102		ug/L		103	50 - 150
Thiobencarb	0.0985	0.107		ug/L		109	50 - 150
trans-Nonachlor	0.0246	0.0289	J	ug/L		117	50 - 150
Trifluralin	0.0985	0.0925	J	ug/L		94	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*86*		*70 - 130*
Triphenylphosphate	*98*		*70 - 130*

Lab Sample ID: 380-207013-R-1-A MS
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.97	1.95		ug/L		98	70 - 130
2,4'-DDD	<0.098		1.97	2.18		ug/L		111	70 - 130
2,4'-DDE	<0.098		1.97	2.20		ug/L		112	70 - 130
2,4'-DDT	<0.098		1.97	2.12		ug/L		107	70 - 130
2,4-Dinitrotoluene	<0.098		1.97	2.14		ug/L		109	70 - 130
2,6-Dinitrotoluene	<0.098		1.97	2.10		ug/L		106	70 - 130
2-Methylnaphthalene	<0.098		1.97	2.02		ug/L		102	70 - 130
4,4'-DDD	<0.098		1.97	2.28		ug/L		116	70 - 130
4,4'-DDE	<0.098		1.97	1.90		ug/L		96	70 - 130
4,4'-DDT	<0.098		1.97	2.29		ug/L		117	70 - 130
Acenaphthene	<0.098		1.97	1.98		ug/L		100	70 - 130
Acenaphthylene	<0.098		1.97	2.05		ug/L		104	70 - 130
Acetochlor	<0.098		1.97	2.33		ug/L		118	70 - 130
Alachlor	<0.049		1.97	2.35		ug/L		119	70 - 130
alpha-BHC	<0.098		1.97	2.05		ug/L		104	70 - 130
alpha-Chlordane	<0.049		1.97	2.20		ug/L		112	70 - 130
Anthracene	<0.020		1.97	1.50		ug/L		76	70 - 130
Atrazine	<0.049		1.97	2.23		ug/L		113	70 - 130
Benz(a)anthracene	<0.049		1.97	1.98		ug/L		101	70 - 130
Benzo[a]pyrene	<0.020		1.97	1.91		ug/L		97	70 - 130
Benzo[b]fluoranthene	<0.020		1.97	2.16		ug/L		110	70 - 130
Benzo[g,h,i]perylene	<0.049		1.97	2.05		ug/L		104	70 - 130
Benzo[k]fluoranthene	<0.020		1.97	2.05		ug/L		104	70 - 130
beta-BHC	<0.098		1.97	2.20		ug/L		112	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.97	2.04		ug/L		104	70 - 130
Bromacil	<0.098		1.97	2.19		ug/L		111	70 - 130
Butachlor	<0.049		1.97	2.44		ug/L		124	70 - 130

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

Lab Sample ID: 380-207013-R-1-A MS
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Butylbenzylphthalate	<0.49		1.97	2.21		ug/L		112	70 - 130
Chlorobenzilate	<0.098		1.97	2.21		ug/L		113	70 - 130
Chloroneb	<0.098		1.97	2.11		ug/L		107	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.13		ug/L		108	70 - 130
Chlorpyrifos	<0.049		1.97	2.42		ug/L		123	70 - 130
Chrysene	<0.020		1.97	2.31		ug/L		118	70 - 130
delta-BHC	<0.098		1.97	2.06		ug/L		104	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.97	2.12		ug/L		108	70 - 130
Dibenz(a,h)anthracene	<0.049		1.97	1.92		ug/L		97	70 - 130
Diclorvos (DDVP)	<0.049		1.97	2.20		ug/L		112	70 - 130
Dieldrin	<0.0098		1.97	2.26		ug/L		115	70 - 130
Diethylphthalate	<0.49		1.97	2.29		ug/L		116	70 - 130
Dimethylphthalate	<0.49		1.97	2.16		ug/L		110	70 - 130
Di-n-butyl phthalate	<0.98		3.94	4.42		ug/L		106	70 - 130
Di-n-octyl phthalate	<0.098		1.97	2.05		ug/L		104	70 - 130
Endosulfan I (Alpha)	<0.098		1.97	2.18		ug/L		111	70 - 130
Endosulfan II (Beta)	<0.098		1.97	2.21		ug/L		112	70 - 130
Endosulfan sulfate	<0.098		1.97	2.04		ug/L		103	70 - 130
Endrin	<0.0098		1.97	2.42		ug/L		123	70 - 130
Endrin aldehyde	<0.098		1.97	1.97		ug/L		100	60 - 130
EPTC	<0.098		1.97	2.24		ug/L		114	70 - 130
Fluoranthene	<0.098		1.97	2.27		ug/L		115	70 - 130
Fluorene	<0.049		1.97	2.11		ug/L		107	70 - 130
gamma-Chlordane	<0.049		1.97	2.32		ug/L		118	70 - 130
Heptachlor	<0.0098		1.97	2.06		ug/L		105	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.97	2.18		ug/L		111	70 - 130
Hexachlorobenzene	<0.049		1.97	1.95		ug/L		99	70 - 130
Hexachlorocyclopentadiene	<0.049		1.97	1.88		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.04		ug/L		103	70 - 130
Isophorone	<0.098		1.97	2.17		ug/L		110	70 - 130
Lindane	<0.0098		1.97	2.31		ug/L		117	70 - 130
Malathion	<0.098		1.97	2.18		ug/L		111	70 - 130
Methoxychlor	<0.049		1.97	2.33		ug/L		119	70 - 130
Metolachlor	<0.049		1.97	2.41		ug/L		122	70 - 130
Molinate	<0.098		1.97	2.29		ug/L		116	70 - 130
Naphthalene	<0.098		1.97	2.11		ug/L		107	70 - 130
Parathion	<0.098		1.97	2.35		ug/L		119	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.97	2.14		ug/L		109	70 - 130
Phenanthrene	<0.039		1.97	2.05		ug/L		104	70 - 130
Propachlor	<0.049		1.97	2.39		ug/L		121	70 - 130
Pyrene	<0.049		1.97	2.34		ug/L		119	70 - 130
Simazine	<0.049		1.97	2.19		ug/L		111	70 - 130
Terbacil	<0.098		1.97	2.15		ug/L		109	70 - 130
Terbuthylazine	<0.098		1.97	2.20		ug/L		112	70 - 130
Thiobencarb	<0.098		1.97	2.33		ug/L		118	70 - 130
trans-Nonachlor	<0.049		1.97	2.20		ug/L		112	70 - 130
Trifluralin	<0.098		1.97	1.93		ug/L		98	70 - 130

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

Lab Sample ID: 380-207013-R-1-A MS
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219571

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: 380-207013-S-1-A MSD
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.098		1.97	1.95		ug/L		98	70 - 130	0	20
2,4'-DDD	<0.098		1.97	2.19		ug/L		111	70 - 130	0	20
2,4'-DDE	<0.098		1.97	2.19		ug/L		111	70 - 130	1	20
2,4'-DDT	<0.098		1.97	2.13		ug/L		108	70 - 130	1	20
2,4-Dinitrotoluene	<0.098		1.97	2.22		ug/L		112	70 - 130	4	20
2,6-Dinitrotoluene	<0.098		1.97	2.18		ug/L		110	70 - 130	4	20
2-Methylnaphthalene	<0.098		1.97	2.02		ug/L		102	70 - 130	0	20
4,4'-DDD	<0.098		1.97	2.27		ug/L		115	70 - 130	0	20
4,4'-DDE	<0.098		1.97	1.91		ug/L		97	70 - 130	1	20
4,4'-DDT	<0.098		1.97	2.32		ug/L		117	70 - 130	1	20
Acenaphthene	<0.098		1.97	1.99		ug/L		101	70 - 130	1	20
Acenaphthylene	<0.098		1.97	2.11		ug/L		107	70 - 130	3	20
Acetochlor	<0.098		1.97	2.29		ug/L		116	70 - 130	1	20
Alachlor	<0.049		1.97	2.36		ug/L		120	70 - 130	1	20
alpha-BHC	<0.098		1.97	2.08		ug/L		106	70 - 130	2	20
alpha-Chlordane	<0.049		1.97	2.23		ug/L		113	70 - 130	1	20
Anthracene	<0.020		1.97	1.38		ug/L		70	70 - 130	8	20
Atrazine	<0.049		1.97	2.27		ug/L		115	70 - 130	2	20
Benz(a)anthracene	<0.049		1.97	1.97		ug/L		100	70 - 130	1	20
Benzo[a]pyrene	<0.020		1.97	1.86		ug/L		94	70 - 130	2	20
Benzo[b]fluoranthene	<0.020		1.97	2.13		ug/L		108	70 - 130	1	20
Benzo[g,h,i]perylene	<0.049		1.97	2.03		ug/L		103	70 - 130	1	20
Benzo[k]fluoranthene	<0.020		1.97	2.13		ug/L		108	70 - 130	4	20
beta-BHC	<0.098		1.97	2.23		ug/L		113	70 - 130	1	20
Bis(2-ethylhexyl) phthalate	<0.59		1.97	1.99		ug/L		101	70 - 130	3	20
Bromacil	<0.098		1.97	2.22		ug/L		113	70 - 130	1	20
Butachlor	<0.049		1.97	2.43		ug/L		123	70 - 130	1	20
Butylbenzylphthalate	<0.49		1.97	2.22		ug/L		112	70 - 130	0	20
Chlorobenzilate	<0.098		1.97	2.21		ug/L		112	70 - 130	0	20
Chloroneb	<0.098		1.97	2.14		ug/L		109	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	<0.098		1.97	2.14		ug/L		109	70 - 130	1	20
Chlorpyrifos	<0.049		1.97	2.43		ug/L		123	70 - 130	1	20
Chrysene	<0.020		1.97	2.27		ug/L		115	70 - 130	2	20
delta-BHC	<0.098		1.97	2.06		ug/L		104	70 - 130	0	20
Di(2-ethylhexyl)adipate	<0.59		1.97	2.10		ug/L		106	70 - 130	1	20
Dibenz(a,h)anthracene	<0.049		1.97	1.99		ug/L		101	70 - 130	4	20
Diclorvos (DDVP)	<0.049		1.97	2.20		ug/L		111	70 - 130	0	20
Dieldrin	<0.0098		1.97	2.26		ug/L		115	70 - 130	0	20
Diethylphthalate	<0.49		1.97	2.33		ug/L		118	70 - 130	2	20

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

Lab Sample ID: 380-207013-S-1-A MSD
Matrix: Water
Analysis Batch: 220114

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 219571

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dimethylphthalate	<0.49		1.97	2.21		ug/L		112	70 - 130	2	20
Di-n-butyl phthalate	<0.98		3.95	4.49		ug/L		108	70 - 130	2	20
Di-n-octyl phthalate	<0.098		1.97	1.96		ug/L		99	70 - 130	4	20
Endosulfan I (Alpha)	<0.098		1.97	2.20		ug/L		112	70 - 130	1	20
Endosulfan II (Beta)	<0.098		1.97	2.15		ug/L		109	70 - 130	3	20
Endosulfan sulfate	<0.098		1.97	2.04		ug/L		103	70 - 130	0	20
Endrin	<0.0098		1.97	2.46		ug/L		125	70 - 130	2	20
Endrin aldehyde	<0.098		1.97	2.01		ug/L		102	60 - 130	2	20
EPTC	<0.098		1.97	2.25		ug/L		114	70 - 130	1	20
Fluoranthene	<0.098		1.97	2.32		ug/L		117	70 - 130	2	20
Fluorene	<0.049		1.97	2.14		ug/L		108	70 - 130	1	20
gamma-Chlordane	<0.049		1.97	2.34		ug/L		118	70 - 130	1	20
Heptachlor	<0.0098		1.97	2.09		ug/L		106	70 - 130	1	20
Heptachlor epoxide (isomer B)	<0.0098		1.97	2.24		ug/L		113	70 - 130	3	20
Hexachlorobenzene	<0.049		1.97	2.00		ug/L		102	70 - 130	3	20
Hexachlorocyclopentadiene	<0.049		1.97	1.88		ug/L		95	70 - 130	0	20
Indeno[1,2,3-cd]pyrene	<0.049		1.97	2.03		ug/L		103	70 - 130	0	20
Isophorone	<0.098		1.97	2.16		ug/L		109	70 - 130	1	20
Lindane	<0.0098		1.97	2.37		ug/L		120	70 - 130	3	20
Malathion	<0.098		1.97	2.20		ug/L		112	70 - 130	1	20
Methoxychlor	<0.049		1.97	2.40		ug/L		122	70 - 130	3	20
Metolachlor	<0.049		1.97	2.41		ug/L		122	70 - 130	0	20
Molinate	<0.098		1.97	2.31		ug/L		117	70 - 130	1	20
Naphthalene	<0.098		1.97	2.10		ug/L		106	70 - 130	1	20
Parathion	<0.098		1.97	2.37		ug/L		120	70 - 130	1	20
Pendimethalin (Penoxaline)	<0.098		1.97	2.18		ug/L		110	70 - 130	2	20
Phenanthrene	<0.039		1.97	2.05		ug/L		104	70 - 130	0	20
Propachlor	<0.049		1.97	2.42		ug/L		123	70 - 130	1	20
Pyrene	<0.049		1.97	2.37		ug/L		120	70 - 130	1	20
Simazine	<0.049		1.97	2.23		ug/L		113	70 - 130	2	20
Terbacil	<0.098		1.97	2.21		ug/L		112	70 - 130	3	20
Terbuthylazine	<0.098		1.97	2.28		ug/L		115	70 - 130	3	20
Thiobencarb	<0.098		1.97	2.32		ug/L		117	70 - 130	0	20
trans-Nonachlor	<0.049		1.97	2.21		ug/L		112	70 - 130	1	20
Trifluralin	<0.098		1.97	2.03		ug/L		103	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*93*		*70 - 130*
Triphenylphosphate	*102*		*70 - 130*

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

Lab Sample ID: MB 570-721199/1-A
Matrix: Water
Analysis Batch: 724152

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721199

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	04/08/26 08:31	04/14/26 13:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		33 - 139	04/08/26 08:31	04/14/26 13:00	1
2-Fluorobiphenyl (Surr)	76		33 - 126	04/08/26 08:31	04/14/26 13:00	1
2-Fluorophenol (Surr)	48		12 - 120	04/08/26 08:31	04/14/26 13:00	1
Nitrobenzene-d5 (Surr)	78		36 - 120	04/08/26 08:31	04/14/26 13:00	1
Phenol-d6 (Surr)	27		10 - 120	04/08/26 08:31	04/14/26 13:00	1
p-Terphenyl-d14 (Surr)	81		47 - 131	04/08/26 08:31	04/14/26 13:00	1

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

Lab Sample ID: MB 570-721199/1-A
Matrix: Water
Analysis Batch: 723181

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 721199

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Acenaphthene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Acenaphthylene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Anthracene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Chrysene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Fluoranthene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Fluorene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Naphthalene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Phenanthrene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1
Pyrene	<0.20		0.20		ug/L		04/08/26 08:31	04/12/26 12:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		28 - 127	04/08/26 08:31	04/12/26 12:06	1
2-Fluorobiphenyl (Surr)	74		31 - 120	04/08/26 08:31	04/12/26 12:06	1
2-Fluorophenol (Surr)	49		17 - 120	04/08/26 08:31	04/12/26 12:06	1
Nitrobenzene-d5 (Surr)	83		27 - 120	04/08/26 08:31	04/12/26 12:06	1
Phenol-d6 (Surr)	29		10 - 120	04/08/26 08:31	04/12/26 12:06	1
p-Terphenyl-d14 (Surr)	72		45 - 120	04/08/26 08:31	04/12/26 12:06	1

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

Lab Sample ID: LCS 570-721199/2-A
Matrix: Water
Analysis Batch: 723181

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 721199

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.5		ug/L		72	47 - 120
2-Methylnaphthalene	20.0	13.8		ug/L		69	43 - 120
Acenaphthene	20.0	16.2		ug/L		81	60 - 132
Acenaphthylene	20.0	16.6		ug/L		83	54 - 126
Anthracene	20.0	16.1		ug/L		80	43 - 120
Benzo[a]anthracene	20.0	16.8		ug/L		84	42 - 133
Benzo[a]pyrene	20.0	18.1		ug/L		91	32 - 148
Benzo[b]fluoranthene	20.0	17.8		ug/L		89	42 - 140
Benzo[g,h,i]perylene	20.0	16.1		ug/L		81	1 - 195
Benzo[k]fluoranthene	20.0	16.7		ug/L		83	25 - 146
Chrysene	20.0	16.0		ug/L		80	44 - 140
Dibenz(a,h)anthracene	20.0	16.9		ug/L		85	1 - 200
Fluoranthene	20.0	16.7		ug/L		83	43 - 121
Fluorene	20.0	16.5		ug/L		82	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	16.6		ug/L		83	1 - 151
Naphthalene	20.0	13.6		ug/L		68	36 - 120
Phenanthrene	20.0	16.0		ug/L		80	65 - 120
Pyrene	20.0	16.4		ug/L		82	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*65*		*17 - 120*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*
Phenol-d6 (Surr)	*42*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

Lab Sample ID: LCSD 570-721199/3-A
Matrix: Water
Analysis Batch: 723181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721199

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	14.6		ug/L		73	47 - 120	1	20
2-Methylnaphthalene	20.0	13.9		ug/L		70	43 - 120	1	20
Acenaphthene	20.0	16.7		ug/L		83	60 - 132	3	29
Acenaphthylene	20.0	17.1		ug/L		85	54 - 126	3	45
Anthracene	20.0	16.5		ug/L		83	43 - 120	3	40
Benzo[a]anthracene	20.0	17.2		ug/L		86	42 - 133	2	32
Benzo[a]pyrene	20.0	18.4		ug/L		92	32 - 148	1	43
Benzo[b]fluoranthene	20.0	18.0		ug/L		90	42 - 140	1	43
Benzo[g,h,i]perylene	20.0	16.6		ug/L		83	1 - 195	3	61
Benzo[k]fluoranthene	20.0	17.1		ug/L		85	25 - 146	3	38
Chrysene	20.0	16.3		ug/L		81	44 - 140	2	53
Dibenz(a,h)anthracene	20.0	17.7		ug/L		89	1 - 200	5	75
Fluoranthene	20.0	17.1		ug/L		86	43 - 121	3	40
Fluorene	20.0	16.9		ug/L		84	70 - 120	3	23
Indeno[1,2,3-cd]pyrene	20.0	17.3		ug/L		86	1 - 151	4	60
Naphthalene	20.0	13.9		ug/L		69	36 - 120	2	39

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

Lab Sample ID: LCSD 570-721199/3-A
Matrix: Water
Analysis Batch: 723181

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 721199

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	16.6		ug/L		83	65 - 120	4	24
Pyrene			20.0	17.0		ug/L		85	70 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*63*		*17 - 120*
Nitrobenzene-d5 (Surr)	*76*		*27 - 120*
Phenol-d6 (Surr)	*40*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

Lab Sample ID: 380-206949-1 MS
Matrix: Drinking Water
Analysis Batch: 723382

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 721199

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.4	15.5		ug/L		80	36 - 120
2-Methylnaphthalene	<0.19		19.4	15.2		ug/L		78	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	16.8		ug/L		87	27 - 133
Benzo[a]anthracene	<0.19		19.4	17.9		ug/L		92	33 - 143
Benzo[a]pyrene	<0.19		19.4	19.4		ug/L		100	17 - 163
Benzo[b]fluoranthene	<0.19		19.4	18.8		ug/L		97	24 - 159
Benzo[g,h,i]perylene	<0.19		19.4	16.5		ug/L		85	1 - 219
Benzo[k]fluoranthene	<0.19		19.4	17.8		ug/L		92	11 - 162
Chrysene	<0.19		19.4	16.8		ug/L		87	17 - 168
Dibenz(a,h)anthracene	<0.19		19.4	17.2		ug/L		89	1 - 227
Fluoranthene	<0.19		19.4	17.8		ug/L		92	26 - 137
Fluorene	<0.19		19.4	17.0		ug/L		88	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.4	17.4		ug/L		90	1 - 171
Naphthalene	<0.19		19.4	14.9		ug/L		77	21 - 133
Phenanthrene	<0.19		19.4	16.7		ug/L		86	54 - 120
Pyrene	<0.19		19.4	17.3		ug/L		89	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*28 - 127*
2-Fluorobiphenyl (Surr)	*81*		*31 - 120*
2-Fluorophenol (Surr)	*70*		*17 - 120*
Nitrobenzene-d5 (Surr)	*82*		*27 - 120*
Phenol-d6 (Surr)	*44*		*10 - 120*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*

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

Lab Sample ID: 380-206949-1 MSD
Matrix: Drinking Water
Analysis Batch: 723382

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 721199

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.3	15.9		ug/L		83	36 - 120	3	30
2-Methylnaphthalene	<0.19		19.3	15.3		ug/L		79	32 - 124	1	30
Acenaphthene	<0.19		19.3	17.9		ug/L		93	47 - 145	6	48
Acenaphthylene	<0.19		19.3	17.9		ug/L		92	33 - 145	6	74
Anthracene	<0.19		19.3	17.3		ug/L		90	27 - 133	3	66
Benzo[a]anthracene	<0.19		19.3	18.5		ug/L		96	33 - 143	3	53
Benzo[a]pyrene	<0.19		19.3	20.0		ug/L		104	17 - 163	4	72
Benzo[b]fluoranthene	<0.19		19.3	19.5		ug/L		101	24 - 159	4	71
Benzo[g,h,i]perylene	<0.19		19.3	17.6		ug/L		91	1 - 219	6	97
Benzo[k]fluoranthene	<0.19		19.3	18.4		ug/L		95	11 - 162	3	63
Chrysene	<0.19		19.3	17.2		ug/L		89	17 - 168	2	87
Dibenz(a,h)anthracene	<0.19		19.3	18.7		ug/L		97	1 - 227	8	126
Fluoranthene	<0.19		19.3	18.6		ug/L		96	26 - 137	5	66
Fluorene	<0.19		19.3	17.7		ug/L		92	59 - 121	4	38
Indeno[1,2,3-cd]pyrene	<0.19		19.3	18.4		ug/L		95	1 - 171	5	99
Naphthalene	<0.19		19.3	15.1		ug/L		78	21 - 133	1	65
Phenanthrene	<0.19		19.3	17.3		ug/L		90	54 - 120	4	39
Pyrene	<0.19		19.3	17.4		ug/L		90	52 - 120	0	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*
2-Fluorobiphenyl (Surr)	*86*		*31 - 120*
2-Fluorophenol (Surr)	*73*		*17 - 120*
Nitrobenzene-d5 (Surr)	*81*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*

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

Lab Sample ID: MB 570-724791/6
Matrix: Water
Analysis Batch: 724791

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			04/15/26 14:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*38 - 134*		*04/15/26 14:25*	*1*

Lab Sample ID: LCS 570-724791/3
Matrix: Water
Analysis Batch: 724791

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	411		ug/L		103	78 - 120		

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

Lab Sample ID: LCS 570-724791/3
Matrix: Water
Analysis Batch: 724791

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

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

Lab Sample ID: LCSD 570-724791/4
Matrix: Water
Analysis Batch: 724791

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	404		ug/L		101	78 - 120	2	10

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		38 - 134

Lab Sample ID: MRL 570-724791/5
Matrix: Water
Analysis Batch: 724791

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	11.8		ug/L		118	50 - 150		

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

Lab Sample ID: 380-206949-1 MS
Matrix: Drinking Water
Analysis Batch: 724791

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	420		ug/L		105	68 - 122		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		38 - 134

Lab Sample ID: 380-206949-1 MSD
Matrix: Drinking Water
Analysis Batch: 724791

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	414		ug/L		103	68 - 122	1	18

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

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

Lab Sample ID: MB 570-726079/6
Matrix: Water
Analysis Batch: 726079

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			04/17/26 15:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*		*04/17/26 15:48*	*1*

Lab Sample ID: LCS 570-726079/3
Matrix: Water
Analysis Batch: 726079

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	421		ug/L		105	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*

Lab Sample ID: LCSD 570-726079/4
Matrix: Water
Analysis Batch: 726079

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	394		ug/L		98	78 - 120	7	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*

Lab Sample ID: MRL 570-726079/5
Matrix: Water
Analysis Batch: 726079

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	11.8		ug/L		118	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*

Lab Sample ID: 570-275047-D-4 MS
Matrix: Water
Analysis Batch: 726079

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	419		ug/L		105	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*38 - 134*

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

Lab Sample ID: 570-275047-E-4 MSD
Matrix: Water
Analysis Batch: 726079

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	419		ug/L		105	68 - 122	0	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*38 - 134*

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

Lab Sample ID: MB 570-722504/1-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722504

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1
C8-C18	<25		25		ug/L		04/10/26 09:56	04/10/26 22:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 130*	*04/10/26 09:56*	*04/10/26 22:15*	*1*

Lab Sample ID: LCS 570-722504/2-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

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)	*104*		*60 - 130*

Lab Sample ID: LCSD 570-722504/3-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722504

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1490		ug/L		93	56 - 127	2	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*60 - 130*

Lab Sample ID: MRL 570-722504/4-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0265		mg/L		132	50 - 150		

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

Lab Sample ID: MRL 570-722504/4-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	101		60 - 130

Lab Sample ID: 380-206949-1 MS
Matrix: Drinking Water
Analysis Batch: 722774

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 722504

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		1700	1640		ug/L		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	101		60 - 130

Lab Sample ID: 380-206949-1 MSD
Matrix: Drinking Water
Analysis Batch: 722774

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 722504

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1670	1690		ug/L		101	70 - 130	3	20

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

GC/MS Semi VOA

Prep Batch: 219571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	
MB 380-219571/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-219571/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-219571/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-207013-R-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-207013-S-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	

Analysis Batch: 220114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	219571
MB 380-219571/21-A	Method Blank	Total/NA	Water	525.2	219571
LCS 380-219571/23-A	Lab Control Sample	Total/NA	Water	525.2	219571
MRL 380-219571/22-A	Lab Control Sample	Total/NA	Water	525.2	219571
380-207013-R-1-A MS	Matrix Spike	Total/NA	Water	525.2	219571
380-207013-S-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	525.2	219571

Prep Batch: 721199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
MB 570-721199/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-721199/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-721199/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	

Analysis Batch: 723181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-721199/1-A	Method Blank	Total/NA	Water	625.1 SIM	721199
LCS 570-721199/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	721199
LCSD 570-721199/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	721199

Analysis Batch: 723382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	721199
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	721199
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	721199

Analysis Batch: 724152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-721199/1-A	Method Blank	Total/NA	Water	625.1	721199

Analysis Batch: 725200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	721199

GC VOA

Analysis Batch: 724791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
MB 570-724791/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 724791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-724791/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-724791/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-724791/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	

Analysis Batch: 726079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
MB 570-726079/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-726079/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-726079/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-726079/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
570-275047-D-4 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
570-275047-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 722504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
MB 570-722504/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	

Analysis Batch: 722774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	722504
MB 570-722504/1-A	Method Blank	Total/NA	Water	8015B	722504
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	8015B	722504
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	722504
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	8015B	722504
380-206949-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	722504
380-206949-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	722504

Lab Chronicle

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

Job ID: 380-206949-1
SDG: Weekly: Halawa Wells P1

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

Lab Sample ID: 380-206949-1

Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			219571	IQ42	EA POM	04/13/26 15:53
Total/NA	Analysis	525.2		1	220114	UPAC	EA POM	04/15/26 11:43
Total/NA	Prep	625.1			721199	TIZL	EET CAL 4	04/09/26 05:42
Total/NA	Analysis	625.1		1	725200	PQS1	EET CAL 4	04/16/26 09:43
Total/NA	Prep	625.1			721199	TIZL	EET CAL 4	04/09/26 05:42
Total/NA	Analysis	625.1 SIM		1	723382	PQS1	EET CAL 4	04/13/26 09:34
Total/NA	Analysis	8015B GRO LL		1	724791	A9VE	EET CAL 4	04/15/26 15:16
Total/NA	Prep	3510C			722504	EP2G	EET CAL 4	04/10/26 09:57
Total/NA	Analysis	8015B		1	722774	H6FE	EET CAL 4	04/11/26 00:02

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

Lab Sample ID: 380-206949-2

Date Collected: 04/06/26 10:31
Date Received: 04/08/26 10:00

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	726079	A9VE	EET CAL 4	04/17/26 16:50

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: 380-206949-1
SDG: Weekly: Halawa Wells P1

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: 380-206949-1
SDG: Weekly: Halawa Wells P1

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: 380-206949-1
SDG: Weekly: Halawa Wells P1

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: 380-206949-1
SDG: Weekly: Halawa Wells P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-206949-1	HALAWA WELLS P1 (331-023-WL065)	Drinking Water	04/06/26 10:31	04/08/26 10:00	HI0000331
380-206949-2	TB: HALAWA WELLS P1 (331-023-WL065)	Water	04/06/26 10:31	04/08/26 10:00	

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#:			

Analysis Requested

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

Other

380-206949 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges, C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	537.1_DW_PREC - 537.1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA	Y	I		
Halawa Wells P1 (331-023-WL065)	6-Apr-2026	1031	G	Water		X	4	5	4	2				
Halawa Wells P1 (331-023-WL065) (Matrix Spike)				Water			X	X	X					
Halawa Wells P1 (331-023-WL065)(Matrix Spike Duplicate)				Water			X	X	X					
TB: Halawa Wells P1 (331-023-WL065)	6-Apr-2026	1031		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 8704 1691 9961			
[redacted]	Date/Time: 04/8/2026 1400	Company: HBWS	Received by: Mark Umutia	Date/Time: 4/8/26 1000	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) 3.9+0.2 4.1 gel-frozen			

Ver: 04/02/2024

Page 39 of 43

4/19/2026

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

SHIP DATE: 07APR26
ACTWGT: 62.00 LB
CAD: 258050552/INET4535

BILL RECIPIENT

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

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

58KJ3/087D/484B

FedEx Express

E

J261026012001uv

WED - 08 APR 10:30A
PRIORITY OVERNIGHT

8 of 8
MPS# 0263 8704 1692 0005
Mstr# 8704 1691 9939

0201

91768
ONT

WM ONTA

CA-US

(631A) 24+0.2-2.6 951-Frozen
Mark Morrtn Mark Morrtn 4/8/26 1000

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

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

Chain of Custody Record

eurofins | Envi

Loc: 380
206949

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-321722.1
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 #: 380-206949-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/21/2026			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)	8015B_DRO_LL_CS/3510C_LL/HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
HALAWA WELLS P1 (331-023-WL065) (380-206949-1)	4/6/26	10:31 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-206949-1MS)	4/6/26	10:31 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-206949-1MSD)	4/6/26	10:31 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-206949-2)	4/6/26	10:31 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-206949 Chain of Custody

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mark Yoratis	4/8/26 1600	EAP	— IT	4-8-26 1600	LWP
2	— IT	4-8-26 1718	LWP		4/8/26 17:18	FEC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.8 | 1.9 IR-4

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-206949-1
SDG Number: Weekly: Halawa Wells P1

Login Number: 206949
List Number: 1
Creator: Segura, Ryan

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").	True	
ClO4 headspace requirement met (>50% for CA, >30% for other states).	True	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-206949-1
SDG Number: Weekly: Halawa Wells P1

Login Number: 206949
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 04/08/26 07:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	