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ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
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Honolulu, Hawaii 96843

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JOB DESCRIPTION

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

JOB NUMBER

380-208348-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Job Notes

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

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

Compliance Statement

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

Authorization

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Authorized for release by
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Table of Contents

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

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
380-208348-1

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 4/15/2026 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 2.3°C, 5.6°C, 5.8°C and 5.8°C.

GC/MS Semi VOA
Method 625.1 SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-724669 and analytical batch 570-726135 were outside control limits: HALAWA WELLS P1 (331-023-WL065) (380-208348-1[MS]) and HALAWA WELLS P1 (331-023-WL065) (380-208348-1[MSD]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 625.1 SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-724669 and analytical batch 570-726135 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 625.1 SIM: Surrogate recovery for the following sample is outside the lower control limit: HALAWA WELLS P1 (331-023-WL065) (380-208348-1[MS]). Sample ND. Sample surrogates were good and passed within limits.

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: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Lab Sample ID: 380-208348-1
PWSID Number: HI0000331

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.037		0.0098		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.013		0.0098		ug/L	1		525.2	Total/NA

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Lab Sample ID: 380-208348-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pomona

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

Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Lab Sample ID: 380-208348-1

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2,4'-DDD	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2,4'-DDE	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2,4'-DDT	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
4,4'-DDD	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
4,4'-DDE	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
4,4'-DDT	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Acenaphthene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Acenaphthylene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Acetochlor	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Alachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
alpha-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
alpha-Chlordane	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Anthracene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 16:40	1
Atrazine	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 16:40	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 16:40	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 16:40	1
beta-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/21/26 15:49	04/22/26 16:40	1
Bromacil	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Butachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 16:40	1
Chlorobenzilate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Chloroneb	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Chlorpyrifos	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Chrysene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 16:40	1
delta-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/21/26 15:49	04/22/26 16:40	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Dieldrin	**0.037**		0.0098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Diethylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 16:40	1
Dimethylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 16:40	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/21/26 15:49	04/22/26 16:40	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Endrin	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Endrin aldehyde	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
EPTC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Fluoranthene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Lab Sample ID: 380-208348-1
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		04/21/26 15:49	04/22/26 16:40	1
gamma-Chlordane	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Heptachlor	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Heptachlor epoxide (isomer B)	**0.013**		0.0098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Isophorone	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Lindane	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Malathion	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Methoxychlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Metolachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Molinate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Naphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Parathion	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Phenanthrene	<0.039		0.039		ug/L		04/21/26 15:49	04/22/26 16:40	1
Propachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Pyrene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Simazine	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Terbacil	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Terbuthylazine	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Thiobencarb	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/21/26 15:49	04/22/26 16:40	1
trans-Nonachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 16:40	1
Trifluralin	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 16:40	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*04/21/26 15:49*	*04/22/26 16:40*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*96*		*70 - 130*	*04/21/26 15:49*	*04/22/26 16:40*	*1*
Perylene-d12	*93*		*70 - 130*	*04/21/26 15:49*	*04/22/26 16:40*	*1*
Triphenylphosphate	*103*		*70 - 130*	*04/21/26 15:49*	*04/22/26 16:40*	*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	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
2-Methylnaphthalene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Acenaphthene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Acenaphthylene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Anthracene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Benzo[a]anthracene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Benzo[a]pyrene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Benzo[b]fluoranthene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Benzo[g,h,i]perylene	<0.19	F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Benzo[k]fluoranthene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Chrysene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Dibenz(a,h)anthracene	<0.19	F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Fluoranthene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1

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

Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Lab Sample ID: 380-208348-1

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	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Indeno[1,2,3-cd]pyrene	<0.19	F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Naphthalene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Phenanthrene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1
Pyrene	<0.19	F1 F2	0.19		ug/L		04/16/26 09:00	04/17/26 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*28 - 127*	*04/16/26 09:00*	*04/17/26 19:25*	*1*
2-Fluorobiphenyl (Surr)	*90*		*31 - 120*	*04/16/26 09:00*	*04/17/26 19:25*	*1*
2-Fluorophenol (Surr)	*53*		*17 - 120*	*04/16/26 09:00*	*04/17/26 19:25*	*1*
Nitrobenzene-d5 (Surr)	*99*		*27 - 120*	*04/16/26 09:00*	*04/17/26 19:25*	*1*
Phenol-d6 (Surr)	*32*		*10 - 120*	*04/16/26 09:00*	*04/17/26 19:25*	*1*
p-Terphenyl-d14 (Surr)	*92*		*45 - 120*	*04/16/26 09:00*	*04/17/26 19:25*	*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*	*04/16/26 09:00*	*04/23/26 16:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*33 - 139*	*04/16/26 09:00*	*04/23/26 16:59*	*1*
2-Fluorobiphenyl (Surr)	*91*		*33 - 126*	*04/16/26 09:00*	*04/23/26 16:59*	*1*
2-Fluorophenol (Surr)	*51*		*12 - 120*	*04/16/26 09:00*	*04/23/26 16:59*	*1*
Nitrobenzene-d5 (Surr)	*83*		*36 - 120*	*04/16/26 09:00*	*04/23/26 16:59*	*1*
Phenol-d6 (Surr)	*28*		*10 - 120*	*04/16/26 09:00*	*04/23/26 16:59*	*1*
p-Terphenyl-d14 (Surr)	*91*		*47 - 131*	*04/16/26 09:00*	*04/23/26 16:59*	*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			04/22/26 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*04/22/26 14:58*	*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		04/16/26 09:26	04/25/26 21:59	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		04/16/26 09:26	04/25/26 21:59	1
C8-C18	<26		26		ug/L		04/16/26 09:26	04/25/26 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*103*		*60 - 130*	*04/16/26 09:26*	*04/25/26 21:59*	*1*

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

Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Lab Sample ID: 380-208348-2

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			04/22/26 19:05	1

Client Sample Results

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

Job ID: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Lab Sample ID: 380-208348-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*04/22/26 19:05*	*1*

Action Limit Summary

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

Job ID: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

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

Lab Sample ID: 380-208348-1

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)	0.013		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	F1 F2	ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

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)
380-208348-1	HALAWA WELLS P1 (331-023-V	96	93	103
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	97	98	105

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-209077-B-1-A DU	Duplicate	97	95	107
LCS 380-221788/23-A	Lab Control Sample	96	97	104
LCSD 380-221788/24-A	Lab Control Sample Dup	97	98	107
MB 380-221788/21-A	Method Blank	95	89	98
MRL 380-221788/22-A	Lab Control Sample	97	92	100

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)
380-208348-1	HALAWA WELLS P1 (331-023-V	83	91	51	83	28	91

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
MB 570-724669/1-A	Method Blank	79	76	48	80	31	82

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)
380-208348-1	HALAWA WELLS P1 (331-023-V	82	90	53	99	32	92
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	2 S1-	11 S1-	1 S1-	4 S1-	1 S1-	11 S1-
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	86	103	64	92	37	109

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 570-724669/2-A	Lab Control Sample	103	96	74	89	49	102
LCSD 570-724669/3-A	Lab Control Sample Dup	100	94	71	84	47	101
MB 570-724669/1-A	Method Blank	111	93	63	105	40	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)

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)
380-208348-1	HALAWA WELLS P1 (331-023-V	99
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	100
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

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

Job ID: 380-208348-1
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)
Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-208348-2	TB: HALAWA WELLS P1 (331-0	99
LCS 570-728183/3	Lab Control Sample	99
LCSD 570-728183/4	Lab Control Sample Dup	106
MB 570-728183/6	Method Blank	103
MRL 570-728183/5	Lab Control Sample	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-208348-1	HALAWA WELLS P1 (331-023-V	103
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	108
380-208348-1 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)
Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
LCS 570-725294/2-A	Lab Control Sample	111
LCSD 570-725294/3-A	Lab Control Sample Dup	102
MB 570-725294/1-A	Method Blank	111
MRL 570-725294/4-A	Lab Control Sample	100

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-221788/21-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 221788

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2,4'-DDD	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2,4'-DDE	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2,4'-DDT	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
2-Methylnaphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
4,4'-DDD	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
4,4'-DDE	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
4,4'-DDT	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Acenaphthene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Acenaphthylene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Acetochlor	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Alachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
alpha-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
alpha-Chlordane	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Anthracene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 15:00	1
Atrazine	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Benz(a)anthracene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Benzo[a]pyrene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 15:00	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 15:00	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 15:00	1
beta-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		04/21/26 15:49	04/22/26 15:00	1
Bromacil	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Butachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Butylbenzylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 15:00	1
Chlorobenzilate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Chloroneb	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Chlorpyrifos	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Chrysene	<0.020		0.020		ug/L		04/21/26 15:49	04/22/26 15:00	1
delta-BHC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		04/21/26 15:49	04/22/26 15:00	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Dieldrin	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Diethylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 15:00	1
Dimethylphthalate	<0.49		0.49		ug/L		04/21/26 15:49	04/22/26 15:00	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		04/21/26 15:49	04/22/26 15:00	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Endosulfan sulfate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Endrin	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Endrin aldehyde	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
EPTC	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1

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

Lab Sample ID: MB 380-221788/21-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 221788

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Fluorene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
gamma-Chlordane	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Heptachlor	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Hexachlorobenzene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Isophorone	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Lindane	<0.0098		0.0098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Malathion	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Methoxychlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Metolachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Molinate	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Naphthalene	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Parathion	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Phenanthrene	<0.039		0.039		ug/L		04/21/26 15:49	04/22/26 15:00	1
Propachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Pyrene	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Simazine	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Terbacil	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Terbuthylazine	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Thiobencarb	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		04/21/26 15:49	04/22/26 15:00	1
trans-Nonachlor	<0.049		0.049		ug/L		04/21/26 15:49	04/22/26 15:00	1
Trifluralin	<0.098		0.098		ug/L		04/21/26 15:49	04/22/26 15:00	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.587*	*T J*	*ug/L*		*2.56*	*N/A*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
Unknown	*0.729*	*T J*	*ug/L*		*3.01*	*N/A*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
Undecane	*6.03*	*T J N*	*ug/L*		*3.17*	*1120-21-4*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
Undecane	*0.497*	*T J N*	*ug/L*		*3.18*	*1120-21-4*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
9-Octadecenamide, (Z)-	*1.83*	*T J N*	*ug/L*		*7.99*	*301-02-0*	*04/21/26 15:49*	*04/22/26 15:00*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*95*		*70 - 130*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
Perylene-d12	*89*		*70 - 130*	*04/21/26 15:49*	*04/22/26 15:00*	*1*
Triphenylphosphate	*98*		*70 - 130*	*04/21/26 15:49*	*04/22/26 15:00*	*1*

Lab Sample ID: LCS 380-221788/23-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.96	1.96		ug/L		100	70 - 130
2,4'-DDD	1.96	2.06		ug/L		105	70 - 130
2,4'-DDE	1.96	2.03		ug/L		103	70 - 130

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

Lab Sample ID: LCS 380-221788/23-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDT	1.96	2.12		ug/L		108	70 - 130
2,4-Dinitrotoluene	1.96	1.94		ug/L		99	70 - 130
2,6-Dinitrotoluene	1.96	1.90		ug/L		97	70 - 130
2-Methylnaphthalene	1.96	1.95		ug/L		99	70 - 130
4,4'-DDD	1.96	2.21		ug/L		112	70 - 130
4,4'-DDE	1.96	2.04		ug/L		104	70 - 130
4,4'-DDT	1.96	2.24		ug/L		114	70 - 130
Acenaphthene	1.96	2.03		ug/L		104	70 - 130
Acenaphthylene	1.96	1.90		ug/L		97	70 - 130
Acetochlor	1.96	2.05		ug/L		105	70 - 130
Alachlor	1.96	2.08		ug/L		106	70 - 130
alpha-BHC	1.96	2.14		ug/L		109	70 - 130
alpha-Chlordane	1.96	2.11		ug/L		107	70 - 130
Anthracene	1.96	1.80		ug/L		92	70 - 130
Atrazine	1.96	2.14		ug/L		109	70 - 130
Benz(a)anthracene	1.96	2.12		ug/L		108	70 - 130
Benzo[a]pyrene	1.96	2.01		ug/L		102	70 - 130
Benzo[b]fluoranthene	1.96	2.09		ug/L		107	70 - 130
Benzo[g,h,i]perylene	1.96	2.01		ug/L		103	70 - 130
Benzo[k]fluoranthene	1.96	2.02		ug/L		103	70 - 130
beta-BHC	1.96	2.21		ug/L		113	70 - 130
Bis(2-ethylhexyl) phthalate	1.96	2.05		ug/L		104	70 - 130
Bromacil	1.96	1.88		ug/L		96	70 - 130
Butachlor	1.96	2.16		ug/L		110	70 - 130
Butylbenzylphthalate	1.96	2.18		ug/L		111	70 - 130
Chlorobenzilate	1.96	2.02		ug/L		103	70 - 130
Chloroneb	1.96	2.10		ug/L		107	70 - 130
Chlorothalonil (Draconil, Bravo)	1.96	2.14		ug/L		109	70 - 130
Chlorpyrifos	1.96	2.03		ug/L		103	70 - 130
Chrysene	1.96	2.03		ug/L		103	70 - 130
delta-BHC	1.96	2.02		ug/L		103	70 - 130
Di(2-ethylhexyl)adipate	1.96	2.15		ug/L		110	70 - 130
Dibenz(a,h)anthracene	1.96	1.99		ug/L		101	70 - 130
Diclorvos (DDVP)	1.96	1.98		ug/L		101	70 - 130
Dieldrin	1.96	2.09		ug/L		106	70 - 130
Diethylphthalate	1.96	2.13		ug/L		109	70 - 130
Dimethylphthalate	1.96	2.08		ug/L		106	70 - 130
Di-n-butyl phthalate	3.93	4.28		ug/L		109	70 - 130
Di-n-octyl phthalate	1.96	1.95		ug/L		100	70 - 130
Endosulfan I (Alpha)	1.96	2.05		ug/L		104	70 - 130
Endosulfan II (Beta)	1.96	2.07		ug/L		106	70 - 130
Endosulfan sulfate	1.96	2.22		ug/L		113	70 - 130
Endrin	1.96	2.25		ug/L		115	70 - 130
Endrin aldehyde	1.96	2.06		ug/L		105	60 - 130
EPTC	1.96	2.03		ug/L		103	70 - 130
Fluoranthene	1.96	2.04		ug/L		104	70 - 130
Fluorene	1.96	2.08		ug/L		106	70 - 130
gamma-Chlordane	1.96	2.15		ug/L		110	70 - 130
Heptachlor	1.96	2.15		ug/L		110	70 - 130

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

Lab Sample ID: LCS 380-221788/23-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor epoxide (isomer B)	1.96	2.08		ug/L		106	70 - 130
Hexachlorobenzene	1.96	1.98		ug/L		101	70 - 130
Hexachlorocyclopentadiene	1.96	1.87		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	1.96	1.99		ug/L		101	70 - 130
Isophorone	1.96	1.93		ug/L		98	70 - 130
Lindane	1.96	2.24		ug/L		114	70 - 130
Malathion	1.96	2.05		ug/L		104	70 - 130
Methoxychlor	1.96	2.10		ug/L		107	70 - 130
Metolachlor	1.96	2.07		ug/L		106	70 - 130
Molinate	1.96	2.05		ug/L		104	70 - 130
Naphthalene	1.96	1.90		ug/L		97	70 - 130
Parathion	1.96	2.17		ug/L		111	70 - 130
Pendimethalin (Penoxaline)	1.96	1.98		ug/L		101	70 - 130
Phenanthrene	1.96	2.01		ug/L		103	70 - 130
Propachlor	1.96	2.12		ug/L		108	70 - 130
Pyrene	1.96	2.09		ug/L		106	70 - 130
Simazine	1.96	2.14		ug/L		109	70 - 130
Terbacil	1.96	1.91		ug/L		97	70 - 130
Terbuthylazine	1.96	2.12		ug/L		108	70 - 130
Thiobencarb	1.96	2.06		ug/L		105	70 - 130
trans-Nonachlor	1.96	1.95		ug/L		99	70 - 130
Trifluralin	1.96	1.94		ug/L		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*104*		*70 - 130*

Lab Sample ID: LCSD 380-221788/24-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.97	1.99		ug/L		101	70 - 130	1	20
2,4'-DDD	1.97	2.09		ug/L		106	70 - 130	1	20
2,4'-DDE	1.97	2.06		ug/L		105	70 - 130	2	20
2,4'-DDT	1.97	2.13		ug/L		109	70 - 130	1	20
2,4-Dinitrotoluene	1.97	2.03		ug/L		103	70 - 130	5	20
2,6-Dinitrotoluene	1.97	2.01		ug/L		102	70 - 130	6	20
2-Methylnaphthalene	1.97	1.97		ug/L		100	70 - 130	1	20
4,4'-DDD	1.97	2.23		ug/L		114	70 - 130	1	20
4,4'-DDE	1.97	2.08		ug/L		106	70 - 130	2	20
4,4'-DDT	1.97	2.30		ug/L		117	70 - 130	3	20
Acenaphthene	1.97	2.07		ug/L		105	70 - 130	2	20
Acenaphthylene	1.97	1.98		ug/L		101	70 - 130	4	20
Acetochlor	1.97	2.08		ug/L		106	70 - 130	1	20
Alachlor	1.97	2.16		ug/L		110	70 - 130	4	20
alpha-BHC	1.97	2.16		ug/L		110	70 - 130	1	20

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

Lab Sample ID: LCSD 380-221788/24-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 221788

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-Chlordane			1.97	2.18		ug/L		111	70 - 130	4	20
Anthracene			1.97	1.83		ug/L		93	70 - 130	1	20
Atrazine			1.97	2.18		ug/L		111	70 - 130	2	20
Benz(a)anthracene			1.97	2.19		ug/L		112	70 - 130	3	20
Benzo[a]pyrene			1.97	2.03		ug/L		103	70 - 130	1	20
Benzo[b]fluoranthene			1.97	2.08		ug/L		106	70 - 130	1	20
Benzo[g,h,i]perylene			1.97	1.97		ug/L		100	70 - 130	2	20
Benzo[k]fluoranthene			1.97	2.01		ug/L		102	70 - 130	1	20
beta-BHC			1.97	2.22		ug/L		113	70 - 130	0	20
Bis(2-ethylhexyl) phthalate			1.97	2.06		ug/L		105	70 - 130	1	20
Bromacil			1.97	1.98		ug/L		101	70 - 130	5	20
Butachlor			1.97	2.25		ug/L		114	70 - 130	4	20
Butylbenzylphthalate			1.97	2.23		ug/L		114	70 - 130	3	20
Chlorobenzilate			1.97	2.07		ug/L		105	70 - 130	2	20
Chloroneb			1.97	2.16		ug/L		110	70 - 130	3	20
Chlorothalonil (Draconil, Bravo)			1.97	2.18		ug/L		111	70 - 130	2	20
Chlorpyrifos			1.97	2.05		ug/L		104	70 - 130	1	20
Chrysene			1.97	2.03		ug/L		103	70 - 130	0	20
delta-BHC			1.97	2.07		ug/L		105	70 - 130	3	20
Di(2-ethylhexyl)adipate			1.97	2.22		ug/L		113	70 - 130	3	20
Dibenz(a,h)anthracene			1.97	1.98		ug/L		101	70 - 130	0	20
Diclorvos (DDVP)			1.97	2.02		ug/L		103	70 - 130	2	20
Dieldrin			1.97	2.18		ug/L		111	70 - 130	4	20
Diethylphthalate			1.97	2.20		ug/L		112	70 - 130	3	20
Dimethylphthalate			1.97	2.14		ug/L		109	70 - 130	3	20
Di-n-butyl phthalate			3.93	4.44		ug/L		113	70 - 130	4	20
Di-n-octyl phthalate			1.97	2.00		ug/L		102	70 - 130	2	20
Endosulfan I (Alpha)			1.97	2.11		ug/L		107	70 - 130	3	20
Endosulfan II (Beta)			1.97	2.07		ug/L		105	70 - 130	0	20
Endosulfan sulfate			1.97	2.26		ug/L		115	70 - 130	2	20
Endrin			1.97	2.32		ug/L		118	70 - 130	3	20
Endrin aldehyde			1.97	2.12		ug/L		108	60 - 130	3	20
EPTC			1.97	2.06		ug/L		105	70 - 130	1	20
Fluoranthene			1.97	2.09		ug/L		106	70 - 130	2	20
Fluorene			1.97	2.08		ug/L		106	70 - 130	0	20
gamma-Chlordane			1.97	2.22		ug/L		113	70 - 130	3	20
Heptachlor			1.97	2.23		ug/L		113	70 - 130	3	20
Heptachlor epoxide (isomer B)			1.97	2.17		ug/L		110	70 - 130	4	20
Hexachlorobenzene			1.97	2.00		ug/L		102	70 - 130	1	20
Hexachlorocyclopentadiene			1.97	1.95		ug/L		99	70 - 130	4	20
Indeno[1,2,3-cd]pyrene			1.97	2.04		ug/L		104	70 - 130	2	20
Isophorone			1.97	2.01		ug/L		102	70 - 130	4	20
Lindane			1.97	2.21		ug/L		113	70 - 130	1	20
Malathion			1.97	2.13		ug/L		109	70 - 130	4	20
Methoxychlor			1.97	2.14		ug/L		109	70 - 130	2	20
Metolachlor			1.97	2.12		ug/L		108	70 - 130	2	20
Molinate			1.97	2.11		ug/L		107	70 - 130	3	20
Naphthalene			1.97	1.92		ug/L		98	70 - 130	1	20
Parathion			1.97	2.27		ug/L		115	70 - 130	5	20

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

Lab Sample ID: LCSD 380-221788/24-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 221788

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pendimethalin (Penoxaline)			1.97	2.06		ug/L		105	70 - 130	4	20
Phenanthrene			1.97	2.04		ug/L		103	70 - 130	1	20
Propachlor			1.97	2.18		ug/L		111	70 - 130	3	20
Pyrene			1.97	2.10		ug/L		107	70 - 130	1	20
Simazine			1.97	2.13		ug/L		108	70 - 130	0	20
Terbacil			1.97	2.04		ug/L		104	70 - 130	6	20
Terbuthylazine			1.97	2.18		ug/L		111	70 - 130	3	20
Thiobencarb			1.97	2.12		ug/L		108	70 - 130	3	20
trans-Nonachlor			1.97	2.04		ug/L		104	70 - 130	4	20
Trifluralin			1.97	2.00		ug/L		102	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*98*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

Lab Sample ID: MRL 380-221788/22-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			0.0983	0.110		ug/L		112	50 - 150		
2,4'-DDD			0.0983	0.0950	J	ug/L		97	50 - 150		
2,4'-DDE			0.0983	0.105		ug/L		107	50 - 150		
2,4'-DDT			0.0983	0.128		ug/L		130	50 - 150		
2,4-Dinitrotoluene			0.0983	0.0964	J	ug/L		98	50 - 150		
2,6-Dinitrotoluene			0.0983	0.124		ug/L		126	50 - 150		
2-Methylnaphthalene			0.0983	0.106		ug/L		108	50 - 150		
4,4'-DDD			0.0983	0.113		ug/L		115	50 - 150		
4,4'-DDE			0.0983	0.103		ug/L		104	50 - 150		
4,4'-DDT			0.0983	0.121		ug/L		123	50 - 150		
Acenaphthene			0.0983	0.0989		ug/L		101	50 - 150		
Acenaphthylene			0.0983	0.0981		ug/L		100	50 - 150		
Acetochlor			0.0983	0.119		ug/L		121	50 - 150		
Alachlor			0.0492	0.0624		ug/L		127	50 - 150		
alpha-BHC			0.0983	0.102		ug/L		104	50 - 150		
alpha-Chlordane			0.0246	0.0295	J	ug/L		120	50 - 150		
Anthracene			0.0197	0.0256		ug/L		130	50 - 150		
Atrazine			0.0492	0.0648		ug/L		132	50 - 150		
Benz(a)anthracene			0.0492	0.0600		ug/L		122	50 - 150		
Benzo[a]pyrene			0.0197	0.0252		ug/L		128	50 - 150		
Benzo[b]fluoranthene			0.0197	0.0239		ug/L		122	50 - 150		
Benzo[g,h,i]perylene			0.0492	0.0587		ug/L		119	50 - 150		
Benzo[k]fluoranthene			0.0197	0.0265		ug/L		135	50 - 150		
beta-BHC			0.0983	0.113		ug/L		114	50 - 150		
Bis(2-ethylhexyl) phthalate			0.590	0.592		ug/L		100	50 - 150		
Bromacil			0.0983	0.109		ug/L		111	50 - 150		
Butachlor			0.0492	0.0647		ug/L		132	50 - 150		

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

Lab Sample ID: MRL 380-221788/22-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Butylbenzylphthalate	0.492	0.568		ug/L		116	50 - 150
Chlorobenzilate	0.0983	0.107		ug/L		109	50 - 150
Chloroneb	0.0983	0.119		ug/L		121	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0983	0.105		ug/L		107	50 - 150
Chlorpyrifos	0.0492	0.0660		ug/L		134	50 - 150
Chrysene	0.0197	0.0276		ug/L		140	50 - 150
delta-BHC	0.0983	0.106		ug/L		108	50 - 150
Di(2-ethylhexyl)adipate	0.590	0.658		ug/L		112	50 - 150
Dibenz(a,h)anthracene	0.0492	0.0628		ug/L		128	50 - 150
Diclorvos (DDVP)	0.0492	0.0583		ug/L		119	50 - 150
Dieldrin	0.00983	0.0133		ug/L		135	50 - 150
Diethylphthalate	0.492	0.537		ug/L		109	50 - 150
Dimethylphthalate	0.492	0.529		ug/L		108	50 - 150
Di-n-butyl phthalate	0.492	0.579	J	ug/L		118	49 - 243
Di-n-octyl phthalate	0.0983	0.0953	J	ug/L		97	50 - 150
Endosulfan I (Alpha)	0.0983	0.0755	J	ug/L		77	50 - 150
Endosulfan II (Beta)	0.0983	0.104		ug/L		106	50 - 150
Endosulfan sulfate	0.0983	0.106		ug/L		108	50 - 150
Endrin	0.00983	0.0132		ug/L		134	50 - 150
Endrin aldehyde	0.0983	0.119		ug/L		121	50 - 150
EPTC	0.0983	0.103		ug/L		105	50 - 150
Fluoranthene	0.0983	0.105		ug/L		107	50 - 150
Fluorene	0.0492	0.0589		ug/L		120	50 - 150
gamma-Chlordane	0.0246	0.0289	J	ug/L		118	50 - 150
Heptachlor	0.00983	0.0144		ug/L		146	50 - 150
Heptachlor epoxide (isomer B)	0.00983	0.0121		ug/L		123	50 - 150
Hexachlorobenzene	0.0492	0.0540		ug/L		110	50 - 150
Hexachlorocyclopentadiene	0.0492	0.0578		ug/L		118	50 - 150
Indeno[1,2,3-cd]pyrene	0.0492	0.0598		ug/L		122	50 - 150
Isophorone	0.0983	0.126		ug/L		128	50 - 150
Lindane	0.00983	0.0112		ug/L		114	50 - 150
Malathion	0.0983	0.120		ug/L		122	50 - 150
Methoxychlor	0.0492	0.0722		ug/L		147	50 - 150
Metolachlor	0.0492	0.0661		ug/L		134	50 - 150
Molinate	0.0983	0.118		ug/L		120	50 - 150
Naphthalene	0.0983	0.106		ug/L		108	50 - 150
Parathion	0.0983	0.0997		ug/L		101	50 - 150
Pendimethalin (Penoxaline)	0.0983	0.134		ug/L		136	50 - 150
Phenanthrene	0.0393	0.0455		ug/L		116	50 - 150
Propachlor	0.0492	0.0661		ug/L		135	50 - 150
Pyrene	0.0492	0.0558		ug/L		113	50 - 150
Simazine	0.0492	0.0619		ug/L		126	50 - 150
Terbacil	0.0983	0.113		ug/L		114	50 - 150
Terbuthylazine	0.0983	0.113		ug/L		115	50 - 150
Thiobencarb	0.0983	0.122		ug/L		124	50 - 150
trans-Nonachlor	0.0246	0.0283	J	ug/L		115	50 - 150
Trifluralin	0.0983	0.104		ug/L		106	50 - 150

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

Lab Sample ID: MRL 380-221788/22-A
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 221788

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	97		70 - 130
Perylene-d12	92		70 - 130
Triphenylphosphate	100		70 - 130

Lab Sample ID: 380-208348-1 MS
Matrix: Drinking Water
Analysis Batch: 222089

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.98	1.97		ug/L		99	70 - 130
2,4'-DDD	<0.098		1.98	2.09		ug/L		106	70 - 130
2,4'-DDE	<0.098		1.98	2.01		ug/L		102	70 - 130
2,4'-DDT	<0.098		1.98	2.13		ug/L		108	70 - 130
2,4-Dinitrotoluene	<0.098		1.98	2.01		ug/L		101	70 - 130
2,6-Dinitrotoluene	<0.098		1.98	1.98		ug/L		100	70 - 130
2-Methylnaphthalene	<0.098		1.98	1.95		ug/L		98	70 - 130
4,4'-DDD	<0.098		1.98	2.21		ug/L		112	70 - 130
4,4'-DDE	<0.098		1.98	2.03		ug/L		103	70 - 130
4,4'-DDT	<0.098		1.98	2.26		ug/L		114	70 - 130
Acenaphthene	<0.098		1.98	2.03		ug/L		103	70 - 130
Acenaphthylene	<0.098		1.98	1.97		ug/L		99	70 - 130
Acetochlor	<0.098		1.98	2.08		ug/L		105	70 - 130
Alachlor	<0.049		1.98	2.09		ug/L		105	70 - 130
alpha-BHC	<0.098		1.98	2.16		ug/L		109	70 - 130
alpha-Chlordane	<0.049		1.98	2.13		ug/L		106	70 - 130
Anthracene	<0.020		1.98	1.77		ug/L		89	70 - 130
Atrazine	<0.049		1.98	2.19		ug/L		110	70 - 130
Benz(a)anthracene	<0.049		1.98	2.13		ug/L		108	70 - 130
Benzo[a]pyrene	<0.020		1.98	2.00		ug/L		101	70 - 130
Benzo[b]fluoranthene	<0.020		1.98	2.04		ug/L		103	70 - 130
Benzo[g,h,i]perylene	<0.049		1.98	2.03		ug/L		103	70 - 130
Benzo[k]fluoranthene	<0.020		1.98	2.05		ug/L		104	70 - 130
beta-BHC	<0.098		1.98	2.17		ug/L		110	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.98	2.05		ug/L		104	70 - 130
Bromacil	<0.098		1.98	1.93		ug/L		94	70 - 130
Butachlor	<0.049		1.98	2.20		ug/L		111	70 - 130
Butylbenzylphthalate	<0.49		1.98	2.20		ug/L		111	70 - 130
Chlorobenzilate	<0.098		1.98	2.07		ug/L		104	70 - 130
Chloroneb	<0.098		1.98	2.10		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.98	2.08		ug/L		105	70 - 130
Chlorpyrifos	<0.049		1.98	2.03		ug/L		102	70 - 130
Chrysene	<0.020		1.98	2.03		ug/L		103	70 - 130
delta-BHC	<0.098		1.98	2.05		ug/L		104	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.98	2.18		ug/L		110	70 - 130
Dibenz(a,h)anthracene	<0.049		1.98	1.99		ug/L		100	70 - 130
Diclorvos (DDVP)	<0.049		1.98	2.03		ug/L		102	70 - 130
Dieldrin	0.037		1.98	2.15		ug/L		107	70 - 130
Diethylphthalate	<0.49		1.98	2.16		ug/L		109	70 - 130

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

Lab Sample ID: 380-208348-1 MS
Matrix: Drinking Water
Analysis Batch: 222089

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethylphthalate	<0.49		1.98	2.10		ug/L		106	70 - 130
Di-n-butyl phthalate	<0.98		3.96	4.22		ug/L		107	70 - 130
Di-n-octyl phthalate	<0.098		1.98	1.95		ug/L		99	70 - 130
Endosulfan I (Alpha)	<0.098		1.98	2.06		ug/L		104	70 - 130
Endosulfan II (Beta)	<0.098		1.98	2.08		ug/L		105	70 - 130
Endosulfan sulfate	<0.098		1.98	2.21		ug/L		112	70 - 130
Endrin	<0.0098		1.98	2.30		ug/L		116	70 - 130
Endrin aldehyde	<0.098		1.98	2.04		ug/L		103	60 - 130
EPTC	<0.098		1.98	2.05		ug/L		104	70 - 130
Fluoranthene	<0.098		1.98	2.03		ug/L		103	70 - 130
Fluorene	<0.049		1.98	2.07		ug/L		104	70 - 130
gamma-Chlordane	<0.049		1.98	2.20		ug/L		110	70 - 130
Heptachlor	<0.0098		1.98	2.19		ug/L		111	70 - 130
Heptachlor epoxide (isomer B)	0.013		1.98	2.13		ug/L		107	70 - 130
Hexachlorobenzene	<0.049		1.98	1.98		ug/L		100	70 - 130
Hexachlorocyclopentadiene	<0.049		1.98	1.95		ug/L		99	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.98	2.03		ug/L		103	70 - 130
Isophorone	<0.098		1.98	2.00		ug/L		101	70 - 130
Lindane	<0.0098		1.98	2.22		ug/L		112	70 - 130
Malathion	<0.098		1.98	2.07		ug/L		105	70 - 130
Methoxychlor	<0.049		1.98	2.10		ug/L		106	70 - 130
Metolachlor	<0.049		1.98	2.10		ug/L		106	70 - 130
Molinate	<0.098		1.98	2.09		ug/L		106	70 - 130
Naphthalene	<0.098		1.98	1.92		ug/L		97	70 - 130
Parathion	<0.098		1.98	2.20		ug/L		111	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.98	2.00		ug/L		97	70 - 130
Phenanthrene	<0.039		1.98	2.02		ug/L		102	70 - 130
Propachlor	<0.049		1.98	2.14		ug/L		108	70 - 130
Pyrene	<0.049		1.98	2.08		ug/L		105	70 - 130
Simazine	<0.049		1.98	2.18		ug/L		110	70 - 130
Terbacil	<0.098		1.98	1.97		ug/L		99	70 - 130
Terbuthylazine	<0.098		1.98	2.15		ug/L		109	70 - 130
Thiobencarb	<0.098		1.98	2.10		ug/L		106	70 - 130
trans-Nonachlor	<0.049		1.98	1.99		ug/L		100	70 - 130
Trifluralin	<0.098		1.98	1.98		ug/L		100	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*98*		*70 - 130*
Triphenylphosphate	*105*		*70 - 130*

Lab Sample ID: 380-209077-B-1-A DU
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 221788

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

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

Lab Sample ID: 380-209077-B-1-A DU
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2,4'-DDE	<0.099			<0.099		ug/L				NC	20
2,4'-DDT	<0.099			<0.099		ug/L				NC	20
2,4-Dinitrotoluene	<0.099			<0.099		ug/L				NC	20
2,6-Dinitrotoluene	<0.099			<0.099		ug/L				NC	20
2-Methylnaphthalene	<0.099			<0.099		ug/L				NC	20
4,4'-DDD	<0.099			<0.099		ug/L				NC	20
4,4'-DDE	<0.099			<0.099		ug/L				NC	20
4,4'-DDT	<0.099			<0.099		ug/L				NC	20
Acenaphthene	<0.099			<0.099		ug/L				NC	20
Acenaphthylene	<0.099			<0.099		ug/L				NC	20
Acetochlor	<0.099			<0.099		ug/L				NC	20
Alachlor	<0.050			<0.050		ug/L				NC	20
alpha-BHC	<0.099			<0.099		ug/L				NC	20
alpha-Chlordane	<0.050			<0.050		ug/L				NC	20
Anthracene	<0.020			<0.020		ug/L				NC	20
Atrazine	<0.050			<0.050		ug/L				NC	20
Benz(a)anthracene	<0.050			<0.050		ug/L				NC	20
Benzo[a]pyrene	<0.020			<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.020			<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.050			<0.050		ug/L				NC	20
Benzo[k]fluoranthene	<0.020			<0.020		ug/L				NC	20
beta-BHC	<0.099			<0.099		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.59			<0.59		ug/L				NC	20
Bromacil	<0.099			<0.099		ug/L				NC	20
Butachlor	<0.050			<0.050		ug/L				NC	20
Butylbenzylphthalate	<0.50			<0.50		ug/L				NC	20
Chlorobenzilate	<0.099			<0.099		ug/L				NC	20
Chloroneb	<0.099			<0.099		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.099			<0.099		ug/L				NC	20
Chlorpyrifos	<0.050			<0.050		ug/L				NC	20
Chrysene	<0.020			<0.020		ug/L				NC	20
delta-BHC	<0.099			<0.099		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.59			<0.59		ug/L				NC	20
Dibenz(a,h)anthracene	<0.050			<0.050		ug/L				NC	20
Diclorvos (DDVP)	<0.050			<0.050		ug/L				NC	20
Dieldrin	<0.0099			<0.0099		ug/L				NC	20
Diethylphthalate	<0.50			<0.50		ug/L				NC	20
Dimethylphthalate	<0.50			<0.50		ug/L				NC	20
Di-n-butyl phthalate	<0.99			<0.99		ug/L				NC	20
Di-n-octyl phthalate	<0.099			<0.099		ug/L				NC	20
Endosulfan I (Alpha)	<0.099			<0.099		ug/L				NC	20
Endosulfan II (Beta)	<0.099			<0.099		ug/L				NC	20
Endosulfan sulfate	<0.099			<0.099		ug/L				NC	20
Endrin	<0.0099			<0.0099		ug/L				NC	20
Endrin aldehyde	<0.099			<0.099		ug/L				NC	20
EPTC	<0.099			<0.099		ug/L				NC	20
Fluoranthene	<0.099			<0.099		ug/L				NC	20
Fluorene	<0.050			<0.050		ug/L				NC	20
gamma-Chlordane	<0.050			<0.050		ug/L				NC	20

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

Lab Sample ID: 380-209077-B-1-A DU
Matrix: Water
Analysis Batch: 222089

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 221788

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Heptachlor	<0.0099			<0.0099		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0099			<0.0099		ug/L				NC	20
Hexachlorobenzene	<0.050			<0.050		ug/L				NC	20
Hexachlorocyclopentadiene	<0.050			<0.050		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.050			<0.050		ug/L				NC	20
Isophorone	<0.099			<0.099		ug/L				NC	20
Lindane	<0.0099			<0.0099		ug/L				NC	20
Malathion	<0.099			<0.099		ug/L				NC	20
Methoxychlor	<0.050			<0.050		ug/L				NC	20
Metolachlor	<0.050			<0.050		ug/L				NC	20
Molinate	<0.099			<0.099		ug/L				NC	20
Naphthalene	<0.099			<0.099		ug/L				NC	20
Parathion	<0.099			<0.099		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.099			<0.099		ug/L				NC	20
Phenanthrene	<0.040			<0.040		ug/L				NC	20
Propachlor	<0.050			<0.050		ug/L				NC	20
Pyrene	<0.050			<0.050		ug/L				NC	20
Simazine	<0.050			<0.050		ug/L				NC	20
Terbacil	<0.099			<0.099		ug/L				NC	20
Terbuthylazine	<0.099			<0.099		ug/L				NC	20
Thiobencarb	<0.099			<0.099		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.20			<0.20		ug/L				NC	20
trans-Nonachlor	<0.050			<0.050		ug/L				NC	20
Trifluralin	<0.099			<0.099		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

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

Lab Sample ID: MB 570-724669/1-A
Matrix: Water
Analysis Batch: 728832

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724669

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*	*04/15/26 09:23*	*04/23/26 12:08*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*33 - 139*	*04/15/26 09:23*	*04/23/26 12:08*	*1*
2-Fluorobiphenyl (Surr)	*76*		*33 - 126*	*04/15/26 09:23*	*04/23/26 12:08*	*1*
2-Fluorophenol (Surr)	*48*		*12 - 120*	*04/15/26 09:23*	*04/23/26 12:08*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*04/15/26 09:23*	*04/23/26 12:08*	*1*
Phenol-d6 (Surr)	*31*		*10 - 120*	*04/15/26 09:23*	*04/23/26 12:08*	*1*
p-Terphenyl-d14 (Surr)	*82*		*47 - 131*	*04/15/26 09:23*	*04/23/26 12:08*	*1*

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

Lab Sample ID: MB 570-724669/1-A
Matrix: Water
Analysis Batch: 725215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 724669

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
2-Methylnaphthalene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Acenaphthene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Acenaphthylene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Anthracene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Benzo[a]anthracene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Benzo[a]pyrene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Chrysene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Fluoranthene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Fluorene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Naphthalene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Phenanthrene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1
Pyrene	<0.20		0.20		ug/L		04/15/26 09:23	04/16/26 09:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*111*		*28 - 127*	*04/15/26 09:23*	*04/16/26 09:32*	*1*
2-Fluorobiphenyl (Surr)	*93*		*31 - 120*	*04/15/26 09:23*	*04/16/26 09:32*	*1*
2-Fluorophenol (Surr)	*63*		*17 - 120*	*04/15/26 09:23*	*04/16/26 09:32*	*1*
Nitrobenzene-d5 (Surr)	*105*		*27 - 120*	*04/15/26 09:23*	*04/16/26 09:32*	*1*
Phenol-d6 (Surr)	*40*		*10 - 120*	*04/15/26 09:23*	*04/16/26 09:32*	*1*
p-Terphenyl-d14 (Surr)	*96*		*45 - 120*	*04/15/26 09:23*	*04/16/26 09:32*	*1*

Lab Sample ID: LCS 570-724669/2-A
Matrix: Water
Analysis Batch: 725215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 724669

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	16.4		ug/L		82	47 - 120
2-Methylnaphthalene	20.0	15.9		ug/L		80	43 - 120
Acenaphthene	20.0	19.6		ug/L		98	60 - 132
Acenaphthylene	20.0	19.9		ug/L		100	54 - 126
Anthracene	20.0	19.6		ug/L		98	43 - 120
Benzo[a]anthracene	20.0	21.3		ug/L		107	42 - 133
Benzo[a]pyrene	20.0	23.2		ug/L		116	32 - 148
Benzo[b]fluoranthene	20.0	22.2		ug/L		111	42 - 140
Benzo[g,h,i]perylene	20.0	20.2		ug/L		101	1 - 195
Benzo[k]fluoranthene	20.0	21.6		ug/L		108	25 - 146
Chrysene	20.0	19.9		ug/L		100	44 - 140
Dibenz(a,h)anthracene	20.0	21.4		ug/L		107	1 - 200
Fluoranthene	20.0	20.0		ug/L		100	43 - 121
Fluorene	20.0	19.6		ug/L		98	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	21.4		ug/L		107	1 - 151
Naphthalene	20.0	15.8		ug/L		79	36 - 120

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

Lab Sample ID: LCS 570-724669/2-A
Matrix: Water
Analysis Batch: 725215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 724669

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	19.7		ug/L		98	65 - 120		
Pyrene			20.0	20.9		ug/L		105	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*103*		*28 - 127*
2-Fluorobiphenyl (Surr)	*96*		*31 - 120*
2-Fluorophenol (Surr)	*74*		*17 120*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*
Phenol-d6 (Surr)	*49*		*10 - 120*
p-Terphenyl-d14 (Surr)	*102*		*45 - 120*

Lab Sample ID: LCSD 570-724669/3-A
Matrix: Water
Analysis Batch: 725215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 724669

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	15.2		ug/L		76	47 - 120	8	20
2-Methylnaphthalene			20.0	14.9		ug/L		75	43 - 120	6	20
Acenaphthene			20.0	19.2		ug/L		96	60 - 132	2	29
Acenaphthylene			20.0	19.5		ug/L		98	54 - 126	2	45
Anthracene			20.0	19.7		ug/L		98	43 - 120	0	40
Benzo[a]anthracene			20.0	21.2		ug/L		106	42 - 133	1	32
Benzo[a]pyrene			20.0	23.1		ug/L		115	32 - 148	1	43
Benzo[b]fluoranthene			20.0	22.5		ug/L		112	42 - 140	1	43
Benzo[g,h,i]perylene			20.0	19.9		ug/L		99	1 - 195	2	61
Benzo[k]fluoranthene			20.0	21.4		ug/L		107	25 - 146	1	38
Chrysene			20.0	19.7		ug/L		99	44 - 140	1	53
Dibenz(a,h)anthracene			20.0	20.9		ug/L		104	1 - 200	2	75
Fluoranthene			20.0	20.2		ug/L		101	43 - 121	1	40
Fluorene			20.0	19.5		ug/L		97	70 - 120	1	23
Indeno[1,2,3-cd]pyrene			20.0	21.1		ug/L		106	1 - 151	1	60
Naphthalene			20.0	14.5		ug/L		73	36 - 120	8	39
Phenanthrene			20.0	19.9		ug/L		100	65 - 120	1	24
Pyrene			20.0	20.7		ug/L		103	70 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*100*		*28 - 127*
2-Fluorobiphenyl (Surr)	*94*		*31 - 120*
2-Fluorophenol (Surr)	*71*		*17 - 120*
Nitrobenzene-d5 (Surr)	*84*		*27 - 120*
Phenol-d6 (Surr)	*47*		*10 - 120*
p-Terphenyl-d14 (Surr)	*101*		*45 - 120*

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

Lab Sample ID: 380-208348-1 MS
Matrix: Drinking Water
Analysis Batch: 726135

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 724669

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19	F1 F2	19.4	1.68	F1	ug/L		9	36 - 120
2-Methylnaphthalene	<0.19	F1 F2	19.4	1.75	F1	ug/L		9	32 - 124
Acenaphthene	<0.19	F1 F2	19.4	1.72	F1	ug/L		9	47 - 145
Acenaphthylene	<0.19	F1 F2	19.4	1.49	F1	ug/L		8	33 - 145
Anthracene	<0.19	F1 F2	19.4	1.85	F1	ug/L		10	27 - 133
Benzo[a]anthracene	<0.19	F1 F2	19.4	1.96	F1	ug/L		10	33 - 143
Benzo[a]pyrene	<0.19	F1 F2	19.4	1.89	F1	ug/L		10	17 - 163
Benzo[b]fluoranthene	<0.19	F1 F2	19.4	1.92	F1	ug/L		10	24 - 159
Benzo[g,h,i]perylene	<0.19	F2	19.4	1.84		ug/L		9	1 - 219
Benzo[k]fluoranthene	<0.19	F1 F2	19.4	1.88	F1	ug/L		10	11 - 162
Chrysene	<0.19	F1 F2	19.4	2.13	F1	ug/L		11	17 - 168
Dibenz(a,h)anthracene	<0.19	F2	19.4	1.74		ug/L		9	1 - 227
Fluoranthene	<0.19	F1 F2	19.4	2.15	F1	ug/L		11	26 - 137
Fluorene	<0.19	F1 F2	19.4	1.57	F1	ug/L		8	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.4	1.78		ug/L		9	1 - 171
Naphthalene	<0.19	F1 F2	19.4	1.76	F1	ug/L		9	21 - 133
Phenanthrene	<0.19	F1 F2	19.4	1.90	F1	ug/L		10	54 - 120
Pyrene	<0.19	F1 F2	19.4	2.35	F1	ug/L		12	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*2*	*S1-*	*28 - 127*
2-Fluorobiphenyl (Surr)	*11*	*S1-*	*31 - 120*
2-Fluorophenol (Surr)	*1*	*S1-*	*17 - 120*
Nitrobenzene-d5 (Surr)	*4*	*S1-*	*27 - 120*
Phenol-d6 (Surr)	*1*	*S1-*	*10 - 120*
p-Terphenyl-d14 (Surr)	*11*	*S1-*	*45 - 120*

Lab Sample ID: 380-208348-1 MSD
Matrix: Drinking Water
Analysis Batch: 726135

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 724669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19	F1 F2	19.2	15.6	F2	ug/L		81	36 - 120	161	30
2-Methylnaphthalene	<0.19	F1 F2	19.2	14.8	F2	ug/L		77	32 - 124	158	30
Acenaphthene	<0.19	F1 F2	19.2	19.3	F2	ug/L		101	47 - 145	167	48
Acenaphthylene	<0.19	F1 F2	19.2	19.6	F2	ug/L		102	33 - 145	172	74
Anthracene	<0.19	F1 F2	19.2	19.2	F2	ug/L		100	27 - 133	165	66
Benzo[a]anthracene	<0.19	F1 F2	19.2	20.3	F2	ug/L		106	33 - 143	165	53
Benzo[a]pyrene	<0.19	F1 F2	19.2	20.7	F2	ug/L		108	17 - 163	167	72
Benzo[b]fluoranthene	<0.19	F1 F2	19.2	20.5	F2	ug/L		107	24 - 159	166	71
Benzo[g,h,i]perylene	<0.19	F2	19.2	20.6	F2	ug/L		108	1 - 219	167	97
Benzo[k]fluoranthene	<0.19	F1 F2	19.2	19.5	F2	ug/L		102	11 - 162	165	63
Chrysene	<0.19	F1 F2	19.2	19.6	F2	ug/L		102	17 - 168	161	87
Dibenz(a,h)anthracene	<0.19	F2	19.2	21.2	F2	ug/L		111	1 - 227	170	126
Fluoranthene	<0.19	F1 F2	19.2	19.1	F2	ug/L		100	26 - 137	160	66
Fluorene	<0.19	F1 F2	19.2	17.5	F2	ug/L		91	59 - 121	167	38
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.2	20.9	F2	ug/L		109	1 - 171	168	99
Naphthalene	<0.19	F1 F2	19.2	14.9	F2	ug/L		78	21 - 133	158	65

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

Lab Sample ID: 380-208348-1 MSD
Matrix: Drinking Water
Analysis Batch: 726135

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 724669

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.19	F1 F2	19.2	19.9	F2	ug/L		104	54 - 120	165	39
Pyrene	<0.19	F1 F2	19.2	23.3	F1 F2	ug/L		122	52 - 120	163	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*28 - 127*
2-Fluorobiphenyl (Surr)	*103*		*31 - 120*
2-Fluorophenol (Surr)	*64*		*17 120*
Nitrobenzene-d5 (Surr)	*92*		*27 - 120*
Phenol-d6 (Surr)	*37*		*10 - 120*
p-Terphenyl-d14 (Surr)	*109*		*45 - 120*

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

Lab Sample ID: MB 570-728183/6
Matrix: Water
Analysis Batch: 728183

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			04/22/26 12:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*		*04/22/26 12:24*	*1*

Lab Sample ID: LCS 570-728183/3
Matrix: Water
Analysis Batch: 728183

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	413		ug/L		103	78 - 120		

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

Lab Sample ID: LCSD 570-728183/4
Matrix: Water
Analysis Batch: 728183

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	413		ug/L		103	78 - 120	0	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*38 - 134*

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

Lab Sample ID: MRL 570-728183/5
Matrix: Water
Analysis Batch: 728183

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	14.7		ug/L		147	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*38 - 134*

Lab Sample ID: 380-208348-1 MS
Matrix: Drinking Water
Analysis Batch: 728183

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	398		ug/L		100	68 - 122		

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

Lab Sample ID: 380-208348-1 MSD
Matrix: Drinking Water
Analysis Batch: 728183

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	371		ug/L		93	68 - 122	7	18

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*38 - 134*

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

Lab Sample ID: MB 570-725294/1-A
Matrix: Water
Analysis Batch: 729961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 725294

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		04/16/26 09:25	04/25/26 20:12	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		04/16/26 09:25	04/25/26 20:12	1
C8-C18	<25		25		ug/L		04/16/26 09:25	04/25/26 20:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*60 - 130*	*04/16/26 09:25*	*04/25/26 20:12*	*1*

Lab Sample ID: LCS 570-725294/2-A
Matrix: Water
Analysis Batch: 729961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 725294

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1620		ug/L		101	56 - 127		

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

Lab Sample ID: LCS 570-725294/2-A
Matrix: Water
Analysis Batch: 729961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 725294

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	111		60 - 130

Lab Sample ID: LCSD 570-725294/3-A
Matrix: Water
Analysis Batch: 729961

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 725294

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1500		ug/L		94	56 - 127	8	23

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

Lab Sample ID: MRL 570-725294/4-A
Matrix: Water
Analysis Batch: 729961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 725294

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0278		mg/L		139	50 - 150		

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	100		60 - 130

Lab Sample ID: 380-208348-1 MS
Matrix: Drinking Water
Analysis Batch: 729961

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 725294

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1700	1620		ug/L		95	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	108		60 - 130

Lab Sample ID: 380-208348-1 MSD
Matrix: Drinking Water
Analysis Batch: 729961

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 725294

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1660	1580		ug/L		95	70 - 130	3	20

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

QC Association Summary

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

Job ID: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

GC/MS Semi VOA

Prep Batch: 221788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	
MB 380-221788/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-221788/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-221788/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-221788/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	
380-209077-B-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 222089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	221788
MB 380-221788/21-A	Method Blank	Total/NA	Water	525.2	221788
LCS 380-221788/23-A	Lab Control Sample	Total/NA	Water	525.2	221788
LCSD 380-221788/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	221788
MRL 380-221788/22-A	Lab Control Sample	Total/NA	Water	525.2	221788
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	221788
380-209077-B-1-A DU	Duplicate	Total/NA	Water	525.2	221788

Prep Batch: 724669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
MB 570-724669/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-724669/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-724669/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	

Analysis Batch: 725215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-724669/1-A	Method Blank	Total/NA	Water	625.1 SIM	724669
LCS 570-724669/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	724669
LCSD 570-724669/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	724669

Analysis Batch: 726135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	724669
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	724669
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	724669

Analysis Batch: 728832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	724669
MB 570-724669/1-A	Method Blank	Total/NA	Water	625.1	724669

GC VOA

Analysis Batch: 728183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
380-208348-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
MB 570-728183/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 728183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-728183/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-728183/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-728183/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 725294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
MB 570-725294/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-725294/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-725294/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-725294/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	

Analysis Batch: 729961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	725294
MB 570-725294/1-A	Method Blank	Total/NA	Water	8015B	725294
LCS 570-725294/2-A	Lab Control Sample	Total/NA	Water	8015B	725294
LCSD 570-725294/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	725294
MRL 570-725294/4-A	Lab Control Sample	Total/NA	Water	8015B	725294
380-208348-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	725294
380-208348-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	725294

Lab Chronicle

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

Job ID: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

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

Lab Sample ID: 380-208348-1
Matrix: Drinking Water
Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			221788	IQ42	EA POM	04/21/26 15:49
Total/NA	Analysis	525.2		1	222089	Q8LA	EA POM	04/22/26 16:40
Total/NA	Prep	625.1			724669	TIZL	EET CAL 4	04/16/26 09:00
Total/NA	Analysis	625.1		1	728832	PQS1	EET CAL 4	04/23/26 16:59
Total/NA	Prep	625.1			724669	TIZL	EET CAL 4	04/16/26 09:00
Total/NA	Analysis	625.1 SIM		1	726135	NUUG	EET CAL 4	04/17/26 19:25
Total/NA	Analysis	8015B GRO LL		1	728183	A9VE	EET CAL 4	04/22/26 14:58
Total/NA	Prep	3510C			725294	TVD6	EET CAL 4	04/16/26 09:26
Total/NA	Analysis	8015B		1	729961	H6FE	EET CAL 4	04/25/26 21:59

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

Lab Sample ID: 380-208348-2
Matrix: Water
Date Collected: 04/13/26 10:37
Date Received: 04/15/26 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	728183	A9VE	EET CAL 4	04/22/26 19:05

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: 380-208348-1
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	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: 380-208348-1
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	04-27-26
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: 380-208348-1
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: 380-208348-1
SDG: Weekly: Halawa Wells P1 (MS/MSD)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-208348-1	HALAWA WELLS P1 (331-023-WL065)	Drinking Water	04/13/26 10:37	04/15/26 10:10	HI0000331
380-208348-2	TB: HALAWA WELLS P1 (331-023-WL065)	Water	04/13/26 10:37	04/15/26 10:10	

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: bailey	Lab PM: Lopez, Maria	Carrier Tracking No(s):	COC No:
Client Contact: 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 #:

380-208348 COC

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

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges C10-C24/C24-C38/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)	13-Apr-2026	1037	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)	13-Apr-2026	1037		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: 8706 6414 2726
[redacted]	Date/Time: 14Apr2026 1400	Company: HBWS	Received by: [signature] 4401
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/15/26 10-10	Company: EAP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 6 cpk / 2.3 = 2.3 COC

Ver: 04/02/2024

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

SHIP DATE: 14APR26
ACTWGT: 58.00 LB
CAD: 258050552/INET4535

BILL RECIPIENT

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

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

58KJ3/087D/4B4B

FedEx Express

3 of 5

MPS# 0263 8706 6414 2748
Mstr# 8706 6414 2726

WED - 15 APR 10:30A
PRIORITY OVERNIGHT

0201

91768
CA-US ONT

WM ONTA

4/15/26 1040

5.6/5.6 BLUE ICE
PAINT PHOTON

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

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: 14APR26
ACTWGT 58.00 LB
CAD 258050552/INET4535

BILL RECIPIENT

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

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

58KJ3/087D/4B4B

FedEx Express

5 of 5
MPS# 0263 8706 6414 2760
Mstr# 8706 6414 2726

WED - 15 APR 10:30A
PRIORITY OVERNIGHT

0201

91768
CA-US ONT

WM ONTA

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

6CDA/5-8-5-8-6E2

4401 4/15/26
10:10

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: 14APR26
ACTWGT: 58.00 LB
CAD: 258050552/INET4535

BILL RECIPIENT

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

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

58KJ3/087D/484B

FedEx Express

E

J261026012001uv

WED - 15 APR 10:30A
PRIORITY OVERNIGHT

4 of 5
MPS# 0263 8706 6414 2759
Mstr# 8706 6414 2726

0201

91768
WM ONTA CA-US ONT

4/15/26 1010
5-8 / 5-8 BLUE ICE
PART FROZEN
7514

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

Loc: 380
208348

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-324251.1
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 #: 380-208348-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 4/28/2026			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_C8/3510C_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) (380-208348-1)	4/13/26	10:37 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-208348-1MS)	4/13/26	10:37 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-208348-1MSD)	4/13/26	10:37 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-208348-2)	4/13/26	10:37 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-208348 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
[illegible]	4/15/26 1600	FEDEX	—	4-15-26 1600	WP
—	4-15-26 1655	WP		4/15/26 16:55	FedEx

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.4/1.4 IR-8

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-208348-1
SDG Number: Weekly: Halawa Wells P1 (MS/MSD)

Login Number: 208348
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: 380-208348-1
SDG Number: Weekly: Halawa Wells P1 (MS/MSD)

Login Number: 208348
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 04/15/26 07:12 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	1.4
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	