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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

RED-HILL
Weekly: Halawa Wells P1

JOB NUMBER

380-222429-1

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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Definitions/Glossary

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

Qualifiers

GC/MS Semi VOA

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

GC Semi VOA

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

Glossary

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

Job ID: 380-222429-1 — Eurofins Pomona

Job Narrative
380-222429-1

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 7/1/2026 9:40 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 3.7°C and 4.0°C.

GC/MS Semi VOA
Method 625.1 SIM: EPA 625.1 SIM results for HALAWA WELLS P1 (331-023-WL065) (380-222429-1) collected on 06/29/26 are a resample for Halawa Wells P1 (331-023-WL065) (380-221326-1) collected on 06/22/26. (XWB4)
Method 625.1 SIM: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-764228 and analytical batch 570-765058.
Method 625.1 SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-764228 and analytical batch 570-765058 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. No impact on the data for HALAWA WELLS P1 (331-023-WL065) (380-222429-1). (XWB4)

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

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

Diesel Range Organics
Method 8015B: The method reporting limit check (MRL) for preparation batch 570-764505 and analytical batch 570-767813 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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

Detection Summary

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065) — Lab Sample ID: 380-222429-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.045		0.0098		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.018		0.0098		ug/L	1		525.2	Total/NA

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065) — Lab Sample ID: 380-222429-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Date Collected: 06/29/26 10:23
Date Received: 07/01/26 09:40

Lab Sample ID: 380-222429-1

Matrix: Drinking Water

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		07/08/26 14:28	07/09/26 18:14	1
2,4'-DDD	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
2,4'-DDE	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
2,4'-DDT	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
2-Methylnaphthalene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
4,4'-DDD	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
4,4'-DDE	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
4,4'-DDT	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Acenaphthene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Acenaphthylene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Acetochlor	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Alachlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
alpha-BHC	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
alpha-Chlordane	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Anthracene	<0.020		0.020		ug/L		07/08/26 14:28	07/09/26 18:14	1
Atrazine	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Benz(a)anthracene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Benzo[a]pyrene	<0.020		0.020		ug/L		07/08/26 14:28	07/09/26 18:14	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		07/08/26 14:28	07/09/26 18:14	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		07/08/26 14:28	07/09/26 18:14	1
beta-BHC	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		07/08/26 14:28	07/09/26 18:14	1
Bromacil	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Butachlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Butylbenzylphthalate	<0.49		0.49		ug/L		07/08/26 14:28	07/09/26 18:14	1
Chlorobenzilate	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Chloroneb	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Chlorpyrifos	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Chrysene	<0.020		0.020		ug/L		07/08/26 14:28	07/09/26 18:14	1
delta-BHC	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		07/08/26 14:28	07/09/26 18:14	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Dieldrin	**0.045**		0.0098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Diethylphthalate	<0.49		0.49		ug/L		07/08/26 14:28	07/09/26 18:14	1
Dimethylphthalate	<0.49		0.49		ug/L		07/08/26 14:28	07/09/26 18:14	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		07/08/26 14:28	07/09/26 18:14	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Endosulfan sulfate	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Endrin	<0.0098		0.0098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Endrin aldehyde	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
EPTC	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Fluoranthene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 06/29/26 10:23
Date Received: 07/01/26 09:40

Lab Sample ID: 380-222429-1
Matrix: Drinking Water

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		07/08/26 14:28	07/09/26 18:14	1
gamma-Chlordane	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Heptachlor	<0.0098	^3+	0.0098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Heptachlor epoxide (isomer B)	**0.018**		0.0098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Hexachlorobenzene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Isophorone	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Lindane	<0.0098		0.0098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Malathion	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Methoxychlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Metolachlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Molinate	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Naphthalene	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Parathion	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Phenanthrene	<0.039		0.039		ug/L		07/08/26 14:28	07/09/26 18:14	1
Propachlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Pyrene	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Simazine	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Terbacil	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Terbuthylazine	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Thiobencarb	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		07/08/26 14:28	07/09/26 18:14	1
trans-Nonachlor	<0.049		0.049		ug/L		07/08/26 14:28	07/09/26 18:14	1
Trifluralin	<0.098		0.098		ug/L		07/08/26 14:28	07/09/26 18:14	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.68*	*T J*	*ug/L*		*2.53*	*N/A*	*07/08/26 14:28*	*07/09/26 18:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*99*		*70 - 130*	*07/08/26 14:28*	*07/09/26 18:14*	*1*
Perylene-d12	*95*		*70 - 130*	*07/08/26 14:28*	*07/09/26 18:14*	*1*
Triphenylphosphate	*107*		*70 - 130*	*07/08/26 14:28*	*07/09/26 18:14*	*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		07/05/26 08:38	07/07/26 09:19	1
2-Methylnaphthalene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Acenaphthene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Acenaphthylene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Anthracene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Benzo[a]anthracene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Benzo[a]pyrene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Benzo[b]fluoranthene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Benzo[g,h,i]perylene	<0.19	F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Benzo[k]fluoranthene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Chrysene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Dibenz(a,h)anthracene	<0.19	F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Fluoranthene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1

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

Lab Sample ID: 380-222429-1

Date Collected: 06/29/26 10:23
Matrix: Drinking Water
Date Received: 07/01/26 09:40

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		07/05/26 08:38	07/07/26 09:19	1
Indeno[1,2,3-cd]pyrene	<0.19	F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Naphthalene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Phenanthrene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1
Pyrene	<0.19	F1 F2	0.19		ug/L		07/05/26 08:38	07/07/26 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*28 - 127*	*07/05/26 08:38*	*07/07/26 09:19*	*1*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*	*07/05/26 08:38*	*07/07/26 09:19*	*1*
2-Fluorophenol (Surr)	*56*		*17 - 120*	*07/05/26 08:38*	*07/07/26 09:19*	*1*
Nitrobenzene-d5 (Surr)	*89*		*27 - 120*	*07/05/26 08:38*	*07/07/26 09:19*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*07/05/26 08:38*	*07/07/26 09:19*	*1*
p-Terphenyl-d14 (Surr)	*69*		*45 - 120*	*07/05/26 08:38*	*07/07/26 09:19*	*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*	*07/05/26 08:38*	*07/09/26 22:47*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*33 - 139*	*07/05/26 08:38*	*07/09/26 22:47*	*1*
2-Fluorobiphenyl (Surr)	*81*		*33 - 126*	*07/05/26 08:38*	*07/09/26 22:47*	*1*
2-Fluorophenol (Surr)	*52*		*12 - 120*	*07/05/26 08:38*	*07/09/26 22:47*	*1*
Nitrobenzene-d5 (Surr)	*69*		*36 - 120*	*07/05/26 08:38*	*07/09/26 22:47*	*1*
Phenol-d6 (Surr)	*30*		*10 - 120*	*07/05/26 08:38*	*07/09/26 22:47*	*1*
p-Terphenyl-d14 (Surr)	*73*		*47 - 131*	*07/05/26 08:38*	*07/09/26 22:47*	*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			07/13/26 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*38 - 134*		*07/13/26 14:55*	*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)	<25		25		ug/L		07/06/26 09:11	07/13/26 00:22	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		07/06/26 09:11	07/13/26 00:22	1
C8-C18	<25		25		ug/L		07/06/26 09:11	07/13/26 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*60 - 130*	*07/06/26 09:11*	*07/13/26 00:22*	*1*

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

Lab Sample ID: 380-222429-2

Date Collected: 06/29/26 10:23
Matrix: Water
Date Received: 07/01/26 09:40

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			07/13/26 13:00	1

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: TB: HALAWA WELLS P1 (331-023-WL065)
Date Collected: 06/29/26 10:23
Date Received: 07/01/26 09:40

Lab Sample ID: 380-222429-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		38 - 134		07/13/26 13:00	1

Action Limit Summary

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

Client Sample ID: HALAWA WELLS P1 (331-023-WL065) — Lab Sample ID: 380-222429-1

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	^3+	ug/L	0.4	0.0098	525.2	Total/NA
Heptachlor epoxide (isomer B)	0.018		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: 380-222429-1
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)
380-222429-1	HALAWA WELLS P1 (331-023-V	99	95	107

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)
380-222426-I-1-A MS	Matrix Spike	100	99	110
380-222427-I-1-A DU	Duplicate	100	94	108
LCS 380-238387/23-A	Lab Control Sample	98	96	108
LCSD 380-238387/24-A	Lab Control Sample Dup	99	98	110
MB 380-238387/21-A	Method Blank	100	94	105
MRL 380-238387/22-A	Lab Control Sample	100	94	108

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)
380-222429-1	HALAWA WELLS P1 (331-023-V	57	81	52	69	30	73

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 570-764228/1-A	Method Blank	56	84	57	48	33	78

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)
380-222429-1	HALAWA WELLS P1 (331-023-V	99	76	56	89	33	69
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	2 S1-	5 S1-	1 S1-	3 S1-	0.9 S1-	7 S1-
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	96	80	67	78	41	83

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 570-764228/2-A	Lab Control Sample	88	82	72	73	50	106
LCSD 570-764228/3-A	Lab Control Sample Dup	79	78	66	70	46	100
MB 570-764228/1-A	Method Blank	84	82	61	83	39	94

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)
380-222429-1	HALAWA WELLS P1 (331-023-V	103
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	105
380-222429-1 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: 380-222429-1
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)
380-222429-2	TB: HALAWA WELLS P1 (331-0	100
LCS 570-767974/3	Lab Control Sample	97
LCSD 570-767974/4	Lab Control Sample Dup	99
MB 570-767974/6	Method Blank	104
MRL 570-767974/5	Lab Control Sample	99

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)
380-222429-1	HALAWA WELLS P1 (331-023-V	99
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	87
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	94

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 570-764505/2-A	Lab Control Sample	96
LCSD 570-764505/3-A	Lab Control Sample Dup	95
MB 570-764505/1-A	Method Blank	97
MRL 570-764505/4-A	Lab Control Sample	93

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-238387/21-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 238387

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2,4'-DDD	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2,4'-DDE	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2,4'-DDT	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
2-Methylnaphthalene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
4,4'-DDD	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
4,4'-DDE	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
4,4'-DDT	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Acenaphthene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Acenaphthylene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Acetochlor	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Alachlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
alpha-BHC	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
alpha-Chlordane	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Anthracene	<0.019		0.019		ug/L		07/08/26 14:28	07/09/26 12:44	1
Atrazine	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Benz(a)anthracene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Benzo[a]pyrene	<0.019		0.019		ug/L		07/08/26 14:28	07/09/26 12:44	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		07/08/26 14:28	07/09/26 12:44	1
Benzo[g,h,i]perylene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		07/08/26 14:28	07/09/26 12:44	1
beta-BHC	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		07/08/26 14:28	07/09/26 12:44	1
Bromacil	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Butachlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Butylbenzylphthalate	<0.48		0.48		ug/L		07/08/26 14:28	07/09/26 12:44	1
Chlorobenzilate	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Chloroneb	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Chlorpyrifos	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Chrysene	<0.019		0.019		ug/L		07/08/26 14:28	07/09/26 12:44	1
delta-BHC	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		07/08/26 14:28	07/09/26 12:44	1
Dibenz(a,h)anthracene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Diclorvos (DDVP)	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Dieldrin	<0.0097		0.0097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Diethylphthalate	<0.48		0.48		ug/L		07/08/26 14:28	07/09/26 12:44	1
Dimethylphthalate	<0.48		0.48		ug/L		07/08/26 14:28	07/09/26 12:44	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		07/08/26 14:28	07/09/26 12:44	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Endosulfan sulfate	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Endrin	<0.0097		0.0097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Endrin aldehyde	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
EPTC	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1

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

Lab Sample ID: MB 380-238387/21-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 238387

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Fluorene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
gamma-Chlordane	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Heptachlor	<0.0097	^3+	0.0097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Hexachlorobenzene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Hexachlorocyclopentadiene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Indeno[1,2,3-cd]pyrene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Isophorone	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Lindane	<0.0097		0.0097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Malathion	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Methoxychlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Metolachlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Molinate	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Naphthalene	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Parathion	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Phenanthrene	<0.039		0.039		ug/L		07/08/26 14:28	07/09/26 12:44	1
Propachlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Pyrene	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Simazine	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Terbacil	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Terbuthylazine	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Thiobencarb	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		07/08/26 14:28	07/09/26 12:44	1
trans-Nonachlor	<0.048		0.048		ug/L		07/08/26 14:28	07/09/26 12:44	1
Trifluralin	<0.097		0.097		ug/L		07/08/26 14:28	07/09/26 12:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclopentene, 1,2,3,3,4-pentamethyl-	*0.814*	*T J N*	*ug/L*		*2.62*	*197390-29-7*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Bacchotricuneatin c	*0.570*	*T J N*	*ug/L*		*3.10*	*66563-30-2*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Undecane	*4.49*	*T J N*	*ug/L*		*3.23*	*1120-21-4*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.509*	*T J N*	*ug/L*		*3.99*	*540-97-6*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
9-Octadecenamide, (Z)-	*13.0*	*T J N*	*ug/L*		*8.09*	*301-02-0*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Octadecanamide	*1.88*	*T J N*	*ug/L*		*8.19*	*124-26-5*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
13-Docosenamide, (Z)-	*8.54*	*T J N*	*ug/L*		*10.66*	*112-84-5*	*07/08/26 14:28*	*07/09/26 12:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Perylene-d12	*94*		*70 - 130*	*07/08/26 14:28*	*07/09/26 12:44*	*1*
Triphenylphosphate	*105*		*70 - 130*	*07/08/26 14:28*	*07/09/26 12:44*	*1*

Lab Sample ID: LCS 380-238387/23-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 238387

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	2.04		ug/L		104	70 - 130		

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

Lab Sample ID: LCS 380-238387/23-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	1.97	2.06		ug/L		105	70 - 130
2,4'-DDE	1.97	2.03		ug/L		103	70 - 130
2,4'-DDT	1.97	2.06		ug/L		105	70 - 130
2,4-Dinitrotoluene	1.97	2.13		ug/L		108	70 - 130
2,6-Dinitrotoluene	1.97	2.00		ug/L		102	70 - 130
2-Methylnaphthalene	1.97	2.02		ug/L		103	70 - 130
4,4'-DDD	1.97	2.02		ug/L		103	70 - 130
4,4'-DDE	1.97	1.99		ug/L		101	70 - 130
4,4'-DDT	1.97	2.17		ug/L		111	70 - 130
Acenaphthene	1.97	2.00		ug/L		102	70 - 130
Acenaphthylene	1.97	1.65		ug/L		84	70 - 130
Acetochlor	1.97	2.15		ug/L		110	70 - 130
Alachlor	1.97	2.13		ug/L		109	70 - 130
alpha-BHC	1.97	2.10		ug/L		107	70 - 130
alpha-Chlordane	1.97	2.03		ug/L		103	70 - 130
Anthracene	1.97	1.69		ug/L		86	70 - 130
Atrazine	1.97	2.10		ug/L		107	70 - 130
Benz(a)anthracene	1.97	2.08		ug/L		106	70 - 130
Benzo[a]pyrene	1.97	1.99		ug/L		101	70 - 130
Benzo[b]fluoranthene	1.97	2.14		ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.97	1.97		ug/L		100	70 - 130
Benzo[k]fluoranthene	1.97	2.04		ug/L		104	70 - 130
beta-BHC	1.97	2.02		ug/L		103	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	1.99		ug/L		101	70 - 130
Bromacil	1.97	2.05		ug/L		104	70 - 130
Butachlor	1.97	2.25		ug/L		114	70 - 130
Butylbenzylphthalate	1.97	2.26		ug/L		115	70 - 130
Chlorobenzilate	1.97	2.09		ug/L		106	70 - 130
Chloroneb	1.97	1.97		ug/L		100	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	1.96		ug/L		100	70 - 130
Chlorpyrifos	1.97	2.12		ug/L		108	70 - 130
Chrysene	1.97	2.08		ug/L		106	70 - 130
delta-BHC	1.97	2.08		ug/L		106	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.33		ug/L		118	70 - 130
Dibenz(a,h)anthracene	1.97	1.97		ug/L		100	70 - 130
Diclorvos (DDVP)	1.97	2.05		ug/L		104	70 - 130
Dieldrin	1.97	2.03		ug/L		103	70 - 130
Diethylphthalate	1.97	2.07		ug/L		105	70 - 130
Dimethylphthalate	1.97	2.14		ug/L		109	70 - 130
Di-n-butyl phthalate	3.93	4.15		ug/L		106	70 - 130
Di-n-octyl phthalate	1.97	2.03		ug/L		103	70 - 130
Endosulfan I (Alpha)	1.97	1.98		ug/L		101	70 - 130
Endosulfan II (Beta)	1.97	2.09		ug/L		106	70 - 130
Endosulfan sulfate	1.97	1.93		ug/L		98	70 - 130
Endrin	1.97	2.20		ug/L		112	70 - 130
Endrin aldehyde	1.97	1.96		ug/L		99	60 - 130
EPTC	1.97	2.13		ug/L		108	70 - 130
Fluoranthene	1.97	2.21		ug/L		112	70 - 130
Fluorene	1.97	2.00		ug/L		102	70 - 130

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

Lab Sample ID: LCS 380-238387/23-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
gamma-Chlordane	1.97	2.01		ug/L		102	70 - 130
Heptachlor	1.97	2.09		ug/L		106	70 - 130
Heptachlor epoxide (isomer B)	1.97	2.06		ug/L		105	70 - 130
Hexachlorobenzene	1.97	2.01		ug/L		102	70 - 130
Hexachlorocyclopentadiene	1.97	2.14		ug/L		109	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	2.01		ug/L		102	70 - 130
Isophorone	1.97	2.15		ug/L		109	70 - 130
Lindane	1.97	2.11		ug/L		107	70 - 130
Malathion	1.97	2.08		ug/L		106	70 - 130
Methoxychlor	1.97	2.20		ug/L		112	70 - 130
Metolachlor	1.97	2.16		ug/L		110	70 - 130
Molinate	1.97	2.05		ug/L		104	70 - 130
Naphthalene	1.97	2.07		ug/L		105	70 - 130
Parathion	1.97	2.22		ug/L		113	70 - 130
Pendimethalin (Penoxaline)	1.97	2.21		ug/L		113	70 - 130
Phenanthrene	1.97	2.02		ug/L		103	70 - 130
Propachlor	1.97	2.24		ug/L		114	70 - 130
Pyrene	1.97	2.14		ug/L		109	70 - 130
Simazine	1.97	2.04		ug/L		104	70 - 130
Terbacil	1.97	2.29		ug/L		116	70 - 130
Terbuthylazine	1.97	2.17		ug/L		110	70 - 130
Thiobencarb	1.97	2.25		ug/L		114	70 - 130
trans-Nonachlor	1.97	2.06		ug/L		105	70 - 130
Trifluralin	1.97	2.03		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

Lab Sample ID: LCSD 380-238387/24-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	1.96	2.12		ug/L		108	70 - 130	4	20
2,4'-DDD	1.96	2.14		ug/L		109	70 - 130	4	20
2,4'-DDE	1.96	2.15		ug/L		109	70 - 130	5	20
2,4'-DDT	1.96	2.19		ug/L		112	70 - 130	6	20
2,4-Dinitrotoluene	1.96	2.15		ug/L		109	70 - 130	1	20
2,6-Dinitrotoluene	1.96	2.04		ug/L		104	70 - 130	2	20
2-Methylnaphthalene	1.96	2.07		ug/L		105	70 - 130	2	20
4,4'-DDD	1.96	2.11		ug/L		108	70 - 130	5	20
4,4'-DDE	1.96	2.10		ug/L		107	70 - 130	5	20
4,4'-DDT	1.96	2.28		ug/L		116	70 - 130	5	20
Acenaphthene	1.96	2.06		ug/L		105	70 - 130	3	20
Acenaphthylene	1.96	1.69		ug/L		86	70 - 130	2	20
Acetochlor	1.96	2.30		ug/L		117	70 - 130	7	20

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

Lab Sample ID: LCSD 380-238387/24-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 238387

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alachlor			1.96	2.29		ug/L		117	70 - 130	7	20
alpha-BHC			1.96	2.22		ug/L		113	70 - 130	6	20
alpha-Chlordane			1.96	2.17		ug/L		111	70 - 130	7	20
Anthracene			1.96	1.71		ug/L		87	70 - 130	1	20
Atrazine			1.96	2.18		ug/L		111	70 - 130	4	20
Benz(a)anthracene			1.96	2.12		ug/L		108	70 - 130	2	20
Benzo[a]pyrene			1.96	2.08		ug/L		106	70 - 130	4	20
Benzo[b]fluoranthene			1.96	2.13		ug/L		108	70 - 130	1	20
Benzo[g,h,i]perylene			1.96	2.12		ug/L		108	70 - 130	7	20
Benzo[k]fluoranthene			1.96	2.17		ug/L		110	70 - 130	6	20
beta-BHC			1.96	2.11		ug/L		108	70 - 130	4	20
Bis(2-ethylhexyl) phthalate			1.96	2.11		ug/L		108	70 - 130	6	20
Bromacil			1.96	2.11		ug/L		107	70 - 130	3	20
Butachlor			1.96	2.39		ug/L		122	70 - 130	6	20
Butylbenzylphthalate			1.96	2.28		ug/L		116	70 - 130	1	20
Chlorobenzilate			1.96	2.19		ug/L		111	70 - 130	5	20
Chloroneb			1.96	2.07		ug/L		105	70 - 130	5	20
Chlorothalonil (Draconil, Bravo)			1.96	2.11		ug/L		108	70 - 130	7	20
Chlorpyrifos			1.96	2.23		ug/L		114	70 - 130	5	20
Chrysene			1.96	2.15		ug/L		110	70 - 130	4	20
delta-BHC			1.96	2.22		ug/L		113	70 - 130	6	20
Di(2-ethylhexyl)adipate			1.96	2.46		ug/L		125	70 - 130	6	20
Dibenz(a,h)anthracene			1.96	2.10		ug/L		107	70 - 130	6	20
Diclorvos (DDVP)			1.96	2.12		ug/L		108	70 - 130	3	20
Dieldrin			1.96	2.18		ug/L		111	70 - 130	7	20
Diethylphthalate			1.96	2.15		ug/L		110	70 - 130	4	20
Dimethylphthalate			1.96	2.25		ug/L		115	70 - 130	5	20
Di-n-butyl phthalate			3.93	4.33		ug/L		110	70 - 130	4	20
Di-n-octyl phthalate			1.96	2.17		ug/L		110	70 - 130	7	20
Endosulfan I (Alpha)			1.96	2.14		ug/L		109	70 - 130	8	20
Endosulfan II (Beta)			1.96	2.21		ug/L		112	70 - 130	5	20
Endosulfan sulfate			1.96	2.06		ug/L		105	70 - 130	6	20
Endrin			1.96	2.36		ug/L		120	70 - 130	7	20
Endrin aldehyde			1.96	2.18		ug/L		111	60 - 130	11	20
EPTC			1.96	2.22		ug/L		113	70 - 130	4	20
Fluoranthene			1.96	2.24		ug/L		114	70 - 130	1	20
Fluorene			1.96	2.04		ug/L		104	70 - 130	2	20
gamma-Chlordane			1.96	2.17		ug/L		111	70 - 130	8	20
Heptachlor			1.96	2.25		ug/L		115	70 - 130	7	20
Heptachlor epoxide (isomer B)			1.96	2.21		ug/L		113	70 - 130	7	20
Hexachlorobenzene			1.96	2.03		ug/L		104	70 - 130	1	20
Hexachlorocyclopentadiene			1.96	2.13		ug/L		109	70 - 130	0	20
Indeno[1,2,3-cd]pyrene			1.96	2.19		ug/L		112	70 - 130	9	20
Isophorone			1.96	2.25		ug/L		115	70 - 130	5	20
Lindane			1.96	2.22		ug/L		113	70 - 130	5	20
Malathion			1.96	2.22		ug/L		113	70 - 130	7	20
Methoxychlor			1.96	2.26		ug/L		115	70 - 130	3	20
Metolachlor			1.96	2.33		ug/L		119	70 - 130	8	20
Molinate			1.96	2.12		ug/L		108	70 - 130	3	20

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

Lab Sample ID: LCSD 380-238387/24-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 238387

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene			1.96	2.15		ug/L		110	70 - 130	4	20
Parathion			1.96	2.31		ug/L		118	70 - 130	4	20
Pendimethalin (Penoxaline)			1.96	2.30		ug/L		117	70 - 130	4	20
Phenanthrene			1.96	2.05		ug/L		105	70 - 130	2	20
Propachlor			1.96	2.34		ug/L		119	70 - 130	4	20
Pyrene			1.96	2.17		ug/L		110	70 - 130	1	20
Simazine			1.96	2.07		ug/L		105	70 - 130	2	20
Terbacil			1.96	2.35		ug/L		120	70 - 130	2	20
Terbuthylazine			1.96	2.25		ug/L		115	70 - 130	4	20
Thiobencarb			1.96	2.30		ug/L		117	70 - 130	2	20
trans-Nonachlor			1.96	2.25		ug/L		114	70 - 130	9	20
Trifluralin			1.96	2.15		ug/L		110	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*98*		*70 - 130*
Triphenylphosphate	*110*		*70 - 130*

Lab Sample ID: MRL 380-238387/22-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 238387

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			0.0980	0.104		ug/L		106	50 - 150		
2,4'-DDD			0.0980	0.0917	J	ug/L		94	50 - 150		
2,4'-DDE			0.0980	0.101		ug/L		103	50 - 150		
2,4'-DDT			0.0980	0.115		ug/L		118	50 - 150		
2,4-Dinitrotoluene			0.0980	0.119		ug/L		121	50 - 150		
2,6-Dinitrotoluene			0.0980	0.109		ug/L		111	50 - 150		
2-Methylnaphthalene			0.0980	0.105		ug/L		107	50 - 150		
4,4'-DDD			0.0980	0.109		ug/L		111	50 - 150		
4,4'-DDE			0.0980	0.101		ug/L		103	50 - 150		
4,4'-DDT			0.0980	0.115		ug/L		118	50 - 150		
Acenaphthene			0.0980	0.0945	J	ug/L		96	50 - 150		
Acenaphthylene			0.0980	0.0703	J	ug/L		72	50 - 150		
Acetochlor			0.0980	0.110		ug/L		112	50 - 150		
Alachlor			0.0490	0.0562		ug/L		115	50 - 150		
alpha-BHC			0.0980	0.114		ug/L		116	50 - 150		
alpha-Chlordane			0.0245	0.0285	J	ug/L		116	50 - 150		
Anthracene			0.0196	0.0228		ug/L		116	50 - 150		
Atrazine			0.0490	0.0599		ug/L		122	50 - 150		
Benz(a)anthracene			0.0490	0.0569		ug/L		116	50 - 150		
Benzo[a]pyrene			0.0196	0.0227		ug/L		116	50 - 150		
Benzo[b]fluoranthene			0.0196	0.0245		ug/L		125	50 - 150		
Benzo[g,h,i]perylene			0.0490	0.0501		ug/L		102	50 - 150		
Benzo[k]fluoranthene			0.0196	0.0253		ug/L		129	50 - 150		
beta-BHC			0.0980	0.115		ug/L		117	50 - 150		
Bis(2-ethylhexyl) phthalate			0.588	0.602		ug/L		102	50 - 150		

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

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

Lab Sample ID: MRL 380-238387/22-A
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromacil	0.0980	0.116		ug/L		119	50 - 150
Butachlor	0.0490	0.0555		ug/L		113	50 - 150
Butylbenzylphthalate	0.490	0.611		ug/L		125	50 - 150
Chlorobenzilate	0.0980	0.110		ug/L		112	50 - 150
Chloroneb	0.0980	0.111		ug/L		113	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0980	0.0952	J	ug/L		97	50 - 150
Chlorpyrifos	0.0490	0.0588		ug/L		120	50 - 150
Chrysene	0.0196	0.0229		ug/L		117	50 - 150
delta-BHC	0.0980	0.109		ug/L		112	50 - 150
Di(2-ethylhexyl)adipate	0.588	0.768		ug/L		131	50 - 150
Dibenz(a,h)anthracene	0.0490	0.0517		ug/L		105	50 - 150
Diclorvos (DDVP)	0.0490	0.0556		ug/L		113	50 - 150
Dieldrin	0.00980	0.0145		ug/L		147	50 - 150
Diethylphthalate	0.490	0.536		ug/L		109	50 - 150
Dimethylphthalate	0.490	0.547		ug/L		112	50 - 150
Di-n-butyl phthalate	0.490	0.551	J	ug/L		112	49 - 243
Di-n-octyl phthalate	0.0980	0.100		ug/L		102	50 - 150
Endosulfan I (Alpha)	0.0980	0.105		ug/L		107	50 - 150
Endosulfan II (Beta)	0.0980	0.118		ug/L		120	50 - 150
Endosulfan sulfate	0.0980	0.109		ug/L		111	50 - 150
Endrin	0.00980	0.0125		ug/L		128	50 - 150
Endrin aldehyde	0.0980	0.117		ug/L		119	50 - 150
EPTC	0.0980	0.0976	J	ug/L		100	50 - 150
Fluoranthene	0.0980	0.106		ug/L		108	50 - 150
Fluorene	0.0490	0.0538		ug/L		110	50 - 150
gamma-Chlordane	0.0245	0.0299	J	ug/L		122	50 - 150
Heptachlor	0.00980	0.0154	^3+	ug/L		157	50 - 150
Heptachlor epoxide (isomer B)	0.00980	0.0140		ug/L		143	50 - 150
Hexachlorobenzene	0.0490	0.0541		ug/L		110	50 - 150
Hexachlorocyclopentadiene	0.0490	0.0523		ug/L		107	50 - 150
Indeno[1,2,3-cd]pyrene	0.0490	0.0507		ug/L		103	50 - 150
Isophorone	0.0980	0.106		ug/L		108	50 - 150
Lindane	0.00980	0.0138		ug/L		141	50 - 150
Malathion	0.0980	0.110		ug/L		112	50 - 150
Methoxychlor	0.0490	0.0620		ug/L		127	50 - 150
Metolachlor	0.0490	0.0561		ug/L		114	50 - 150
Molinate	0.0980	0.106		ug/L		108	50 - 150
Naphthalene	0.0980	0.101		ug/L		103	50 - 150
Parathion	0.0980	0.101		ug/L		103	50 - 150
Pendimethalin (Penoxaline)	0.0980	0.111		ug/L		113	50 - 150
Phenanthrene	0.0392	0.0448		ug/L		114	50 - 150
Propachlor	0.0490	0.0565		ug/L		115	50 - 150
Pyrene	0.0490	0.0536		ug/L		109	50 - 150
Simazine	0.0490	0.0556		ug/L		113	50 - 150
Terbacil	0.0980	0.127		ug/L		130	50 - 150
Terbuthylazine	0.0980	0.114		ug/L		117	50 - 150
Thiobencarb	0.0980	0.113		ug/L		115	50 - 150
trans-Nonachlor	0.0245	0.0317	J	ug/L		129	50 - 150
Trifluralin	0.0980	0.113		ug/L		115	50 - 150

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

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

Lab Sample ID: 380-222426-I-1-A MS
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.097		1.96	2.10		ug/L		107	70 - 130
2,4'-DDD	<0.097		1.96	2.16		ug/L		110	70 - 130
2,4'-DDE	<0.097		1.96	2.14		ug/L		109	70 - 130
2,4'-DDT	<0.097		1.96	2.17		ug/L		111	70 - 130
2,4-Dinitrotoluene	<0.097		1.96	2.13		ug/L		109	70 - 130
2,6-Dinitrotoluene	<0.097		1.96	2.06		ug/L		105	70 - 130
2-Methylnaphthalene	<0.097		1.96	2.06		ug/L		105	70 - 130
4,4'-DDD	<0.097		1.96	2.11		ug/L		107	70 - 130
4,4'-DDE	<0.097		1.96	2.04		ug/L		104	70 - 130
4,4'-DDT	<0.097		1.96	2.26		ug/L		115	70 - 130
Acenaphthene	<0.097		1.96	2.04		ug/L		104	70 - 130
Acenaphthylene	<0.097		1.96	1.74		ug/L		89	70 - 130
Acetochlor	<0.097		1.96	2.28		ug/L		116	70 - 130
Alachlor	<0.049		1.96	2.29		ug/L		116	70 - 130
alpha-BHC	<0.097		1.96	2.24		ug/L		114	70 - 130
alpha-Chlordane	<0.049		1.96	2.17		ug/L		111	70 - 130
Anthracene	<0.019	F1	1.96	1.30	F1	ug/L		66	70 - 130
Atrazine	<0.049		1.96	2.18		ug/L		111	70 - 130
Benz(a)anthracene	<0.049		1.96	2.08		ug/L		106	70 - 130
Benzo[a]pyrene	<0.019		1.96	1.92		ug/L		98	70 - 130
Benzo[b]fluoranthene	<0.019		1.96	2.11		ug/L		107	70 - 130
Benzo[g,h,i]perylene	<0.049		1.96	2.10		ug/L		107	70 - 130
Benzo[k]fluoranthene	<0.019		1.96	2.15		ug/L		109	70 - 130
beta-BHC	<0.097		1.96	2.12		ug/L		108	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.96	2.03		ug/L		103	70 - 130
Bromacil	<0.097		1.96	2.11		ug/L		107	70 - 130
Butachlor	<0.049		1.96	2.41		ug/L		123	70 - 130
Butylbenzylphthalate	<0.49		1.96	2.35		ug/L		120	70 - 130
Chlorobenzilate	<0.097		1.96	2.21		ug/L		113	70 - 130
Chloroneb	<0.097		1.96	2.08		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.96	2.13		ug/L		108	70 - 130
Chlorpyrifos	<0.049		1.96	2.26		ug/L		115	70 - 130
Chrysene	<0.019		1.96	2.14		ug/L		109	70 - 130
delta-BHC	<0.097		1.96	2.26		ug/L		115	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.96	2.42		ug/L		123	70 - 130
Dibenz(a,h)anthracene	<0.049		1.96	2.13		ug/L		108	70 - 130
Diclorvos (DDVP)	<0.049		1.96	2.10		ug/L		107	70 - 130
Dieldrin	<0.0097		1.96	2.24		ug/L		114	70 - 130
Diethylphthalate	<0.49		1.96	2.15		ug/L		109	70 - 130
Dimethylphthalate	<0.49		1.96	2.23		ug/L		113	70 - 130
Di-n-butyl phthalate	<0.97		3.93	4.34		ug/L		111	70 - 130
Di-n-octyl phthalate	<0.097		1.96	2.08		ug/L		106	70 - 130

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

Lab Sample ID: 380-222426-I-1-A MS
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I (Alpha)	<0.097		1.96	2.16		ug/L		110	70 - 130
Endosulfan II (Beta)	<0.097		1.96	2.21		ug/L		112	70 - 130
Endosulfan sulfate	<0.097		1.96	2.12		ug/L		108	70 - 130
Endrin	<0.0097		1.96	2.38		ug/L		121	70 - 130
Endrin aldehyde	<0.097		1.96	1.99		ug/L		101	60 - 130
EPTC	<0.097		1.96	2.23		ug/L		114	70 - 130
Fluoranthene	<0.097		1.96	2.26		ug/L		115	70 - 130
Fluorene	<0.049		1.96	2.02		ug/L		103	70 - 130
gamma-Chlordane	<0.049		1.96	2.20		ug/L		112	70 - 130
Heptachlor	<0.0097	^3+	1.96	2.25		ug/L		115	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.96	2.24		ug/L		114	70 - 130
Hexachlorobenzene	<0.049		1.96	2.05		ug/L		105	70 - 130
Hexachlorocyclopentadiene	<0.049		1.96	2.10		ug/L		107	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.96	2.09		ug/L		106	70 - 130
Isophorone	<0.097		1.96	2.23		ug/L		114	70 - 130
Lindane	<0.0097		1.96	2.21		ug/L		113	70 - 130
Malathion	<0.097		1.96	2.23		ug/L		114	70 - 130
Methoxychlor	<0.049		1.96	2.26		ug/L		115	70 - 130
Metolachlor	<0.049		1.96	2.34		ug/L		119	70 - 130
Molinate	<0.097		1.96	2.13		ug/L		109	70 - 130
Naphthalene	<0.097		1.96	2.16		ug/L		110	70 - 130
Parathion	<0.097		1.96	2.29		ug/L		116	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.96	2.31		ug/L		118	70 - 130
Phenanthrene	<0.039		1.96	2.06		ug/L		105	70 - 130
Propachlor	<0.049		1.96	2.33		ug/L		119	70 - 130
Pyrene	<0.049		1.96	2.16		ug/L		110	70 - 130
Simazine	<0.049		1.96	2.09		ug/L		106	70 - 130
Terbacil	<0.097		1.96	2.33		ug/L		119	70 - 130
Terbuthylazine	<0.097		1.96	2.26		ug/L		115	70 - 130
Thiobencarb	<0.097		1.96	2.33		ug/L		119	70 - 130
trans-Nonachlor	<0.049		1.96	2.26		ug/L		115	70 - 130
Trifluralin	<0.097		1.96	2.15		ug/L		109	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*110*		*70 - 130*

Lab Sample ID: 380-222427-I-1-A DU
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1-Methylnaphthalene	<0.097		<0.098		ug/L		NC	20
2,4'-DDD	<0.097		<0.098		ug/L		NC	20
2,4'-DDE	<0.097		<0.098		ug/L		NC	20
2,4'-DDT	<0.097		<0.098		ug/L		NC	20
2,4-Dinitrotoluene	<0.097		<0.098		ug/L		NC	20

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

Lab Sample ID: 380-222427-I-1-A DU
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
2,6-Dinitrotoluene	<0.097			<0.098		ug/L				NC	20
2-Methylnaphthalene	<0.097			<0.098		ug/L				NC	20
4,4'-DDD	<0.097			<0.098		ug/L				NC	20
4,4'-DDE	<0.097			<0.098		ug/L				NC	20
4,4'-DDT	<0.097			<0.098		ug/L				NC	20
Acenaphthene	<0.097			<0.098		ug/L				NC	20
Acenaphthylene	<0.097			<0.098		ug/L				NC	20
Acetochlor	<0.097			<0.098		ug/L				NC	20
Alachlor	<0.049			<0.049		ug/L				NC	20
alpha-BHC	<0.097			<0.098		ug/L				NC	20
alpha-Chlordane	<0.049			<0.049		ug/L				NC	20
Anthracene	<0.019			<0.020		ug/L				NC	20
Atrazine	<0.049			<0.049		ug/L				NC	20
Benz(a)anthracene	<0.049			<0.049		ug/L				NC	20
Benzo[a]pyrene	<0.019			<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.019			<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.049			<0.049		ug/L				NC	20
Benzo[k]fluoranthene	<0.019			<0.020		ug/L				NC	20
beta-BHC	<0.097			<0.098		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.58			<0.59		ug/L				NC	20
Bromacil	<0.097			<0.098		ug/L				NC	20
Butachlor	<0.049			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.49			<0.49		ug/L				NC	20
Chlorobenzilate	<0.097			<0.098		ug/L				NC	20
Chloroneb	<0.097			<0.098		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.097			<0.098		ug/L				NC	20
Chlorpyrifos	<0.049			<0.049		ug/L				NC	20
Chrysene	<0.019			<0.020		ug/L				NC	20
delta-BHC	<0.097			<0.098		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.58			<0.59		ug/L				NC	20
Dibenz(a,h)anthracene	<0.049			<0.049		ug/L				NC	20
Diclorvos (DDVP)	<0.049			<0.049		ug/L				NC	20
Dieldrin	0.082			0.0792		ug/L				3	20
Diethylphthalate	<0.49			<0.49		ug/L				NC	20
Dimethylphthalate	<0.49			<0.49		ug/L				NC	20
Di-n-butyl phthalate	<0.97			<0.98		ug/L				NC	20
Di-n-octyl phthalate	<0.097			<0.098		ug/L				NC	20
Endosulfan I (Alpha)	<0.097			<0.098		ug/L				NC	20
Endosulfan II (Beta)	<0.097			<0.098		ug/L				NC	20
Endosulfan sulfate	<0.097			<0.098		ug/L				NC	20
Endrin	<0.0097			<0.0098		ug/L				NC	20
Endrin aldehyde	<0.097			<0.098		ug/L				NC	20
EPTC	<0.097			<0.098		ug/L				NC	20
Fluoranthene	<0.097			<0.098		ug/L				NC	20
Fluorene	<0.049			<0.049		ug/L				NC	20
gamma-Chlordane	<0.049			<0.049		ug/L				NC	20
Heptachlor	<0.0097	^3+		<0.0098		ug/L				NC	20
Heptachlor epoxide (isomer B)	0.020			0.0181		ug/L				7	20
Hexachlorobenzene	<0.049			<0.049		ug/L				NC	20

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

Lab Sample ID: 380-222427-I-1-A DU
Matrix: Water
Analysis Batch: 238621

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 238387

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Hexachlorocyclopentadiene	<0.049			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.049			<0.049		ug/L				NC	20
Isophorone	<0.097			<0.098		ug/L				NC	20
Lindane	<0.0097			<0.0098		ug/L				NC	20
Malathion	<0.097			<0.098		ug/L				NC	20
Methoxychlor	<0.049			<0.049		ug/L				NC	20
Metolachlor	<0.049			<0.049		ug/L				NC	20
Molinate	<0.097			<0.098		ug/L				NC	20
Naphthalene	<0.097			<0.098		ug/L				NC	20
Parathion	<0.097			<0.098		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.097			<0.098		ug/L				NC	20
Phenanthrene	<0.039			<0.039		ug/L				NC	20
Propachlor	<0.049			<0.049		ug/L				NC	20
Pyrene	<0.049			<0.049		ug/L				NC	20
Simazine	<0.049			<0.049		ug/L				NC	20
Terbacil	<0.097			<0.098		ug/L				NC	20
Terbuthylazine	<0.097			<0.098		ug/L				NC	20
Thiobencarb	<0.097			<0.098		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.19			<0.20		ug/L				NC	20
trans-Nonachlor	<0.049			<0.049		ug/L				NC	20
Trifluralin	<0.097			<0.098		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*100*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*108*		*70 - 130*

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

Lab Sample ID: MB 570-764228/1-A
Matrix: Water
Analysis Batch: 766469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764228

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*	*07/05/26 08:38*	*07/09/26 15:07*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*33 - 139*	*07/05/26 08:38*	*07/09/26 15:07*	*1*
2-Fluorobiphenyl (Surr)	*84*		*33 - 126*	*07/05/26 08:38*	*07/09/26 15:07*	*1*
2-Fluorophenol (Surr)	*57*		*12 - 120*	*07/05/26 08:38*	*07/09/26 15:07*	*1*
Nitrobenzene-d5 (Surr)	*48*		*36 - 120*	*07/05/26 08:38*	*07/09/26 15:07*	*1*
Phenol-d6 (Surr)	*33*		*10 - 120*	*07/05/26 08:38*	*07/09/26 15:07*	*1*
p-Terphenyl-d14 (Surr)	*78*		*47 - 131*	*07/05/26 08:38*	*07/09/26 15:07*	*1*

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

Lab Sample ID: MB 570-764228/1-A
Matrix: Water
Analysis Batch: 764714

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764228

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
2-Methylnaphthalene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Acenaphthene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Acenaphthylene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Anthracene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[a]anthracene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[a]pyrene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Chrysene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Fluoranthene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Fluorene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Naphthalene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Phenanthrene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1
Pyrene	<0.20		0.20		ug/L		07/05/26 08:38	07/06/26 22:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*	*07/05/26 08:38*	*07/06/26 22:52*	*1*
2-Fluorobiphenyl (Surr)	*82*		*31 - 120*	*07/05/26 08:38*	*07/06/26 22:52*	*1*
2-Fluorophenol (Surr)	*61*		*17 - 120*	*07/05/26 08:38*	*07/06/26 22:52*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*07/05/26 08:38*	*07/06/26 22:52*	*1*
Phenol-d6 (Surr)	*39*		*10 - 120*	*07/05/26 08:38*	*07/06/26 22:52*	*1*
p-Terphenyl-d14 (Surr)	*94*		*45 - 120*	*07/05/26 08:38*	*07/06/26 22:52*	*1*

Lab Sample ID: LCS 570-764228/2-A
Matrix: Water
Analysis Batch: 764714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764228

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	15.7		ug/L		79	47 - 120
2-Methylnaphthalene	20.0	14.5		ug/L		72	43 - 120
Acenaphthene	20.0	16.9		ug/L		85	60 - 132
Acenaphthylene	20.0	17.1		ug/L		85	54 - 126
Anthracene	20.0	17.3		ug/L		86	43 - 120
Benzo[a]anthracene	20.0	18.0		ug/L		90	42 - 133
Benzo[a]pyrene	20.0	15.3		ug/L		77	32 - 148
Benzo[b]fluoranthene	20.0	15.6		ug/L		78	42 - 140
Benzo[g,h,i]perylene	20.0	16.3		ug/L		81	1 - 195
Benzo[k]fluoranthene	20.0	15.7		ug/L		79	25 - 146
Chrysene	20.0	17.6		ug/L		88	44 - 140
Dibenz(a,h)anthracene	20.0	17.8		ug/L		89	1 - 200
Fluoranthene	20.0	16.7		ug/L		84	43 - 121
Fluorene	20.0	17.2		ug/L		86	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.2		ug/L		86	1 - 151
Naphthalene	20.0	13.5		ug/L		67	36 - 120

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

Lab Sample ID: LCS 570-764228/2-A
Matrix: Water
Analysis Batch: 764714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764228

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	16.7		ug/L		83	65 - 120		
Pyrene			20.0	20.7		ug/L		104	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*28 - 127*
2-Fluorobiphenyl (Surr)	*82*		*31 - 120*
2-Fluorophenol (Surr)	*72*		*17 120*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*
Phenol-d6 (Surr)	*50*		*10 - 120*
p-Terphenyl-d14 (Surr)	*106*		*45 - 120*

Lab Sample ID: LCSD 570-764228/3-A
Matrix: Water
Analysis Batch: 764714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764228

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	4	20
2-Methylnaphthalene			20.0	14.0		ug/L		70	43 - 120	4	20
Acenaphthene			20.0	15.9		ug/L		80	60 - 132	6	29
Acenaphthylene			20.0	16.1		ug/L		81	54 - 126	6	45
Anthracene			20.0	16.1		ug/L		81	43 - 120	7	40
Benzo[a]anthracene			20.0	16.8		ug/L		84	42 - 133	6	32
Benzo[a]pyrene			20.0	14.8		ug/L		74	32 - 148	4	43
Benzo[b]fluoranthene			20.0	14.9		ug/L		75	42 - 140	5	43
Benzo[g,h,i]perylene			20.0	15.3		ug/L		77	1 - 195	6	61
Benzo[k]fluoranthene			20.0	14.9		ug/L		75	25 - 146	5	38
Chrysene			20.0	16.3		ug/L		81	44 - 140	8	53
Dibenz(a,h)anthracene			20.0	16.5		ug/L		82	1 - 200	8	75
Fluoranthene			20.0	15.4		ug/L		77	43 - 121	8	40
Fluorene			20.0	16.3		ug/L		81	70 - 120	6	23
Indeno[1,2,3-cd]pyrene			20.0	15.8		ug/L		79	1 - 151	8	60
Naphthalene			20.0	13.1		ug/L		66	36 - 120	2	39
Phenanthrene			20.0	15.6		ug/L		78	65 - 120	7	24
Pyrene			20.0	19.4		ug/L		97	70 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*28 - 127*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*
2-Fluorophenol (Surr)	*66*		*17 - 120*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*
Phenol-d6 (Surr)	*46*		*10 - 120*
p-Terphenyl-d14 (Surr)	*100*		*45 - 120*

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

Lab Sample ID: 380-222429-1 MS
Matrix: Drinking Water
Analysis Batch: 765058

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 764228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19	F1 F2	19.5	0.788	F1	ug/L		4	36 - 120
2-Methylnaphthalene	<0.19	F1 F2	19.5	0.740	F1	ug/L		4	32 - 124
Acenaphthene	<0.19	F1 F2	19.5	0.905	F1	ug/L		5	47 - 145
Acenaphthylene	<0.19	F1 F2	19.5	0.786	F1	ug/L		4	33 - 145
Anthracene	<0.19	F1 F2	19.5	1.28	F1	ug/L		7	27 - 133
Benzo[a]anthracene	<0.19	F1 F2	19.5	1.40	F1	ug/L		7	33 - 143
Benzo[a]pyrene	<0.19	F1 F2	19.5	1.49	F1	ug/L		8	17 - 163
Benzo[b]fluoranthene	<0.19	F1 F2	19.5	1.36	F1	ug/L		7	24 - 159
Benzo[g,h,i]perylene	<0.19	F2	19.5	1.23		ug/L		6	1 - 219
Benzo[k]fluoranthene	<0.19	F1 F2	19.5	1.46	F1	ug/L		7	11 - 162
Chrysene	<0.19	F1 F2	19.5	1.37	F1	ug/L		7	17 - 168
Dibenz(a,h)anthracene	<0.19	F2	19.5	1.37		ug/L		7	1 - 227
Fluoranthene	<0.19	F1 F2	19.5	1.41	F1	ug/L		7	26 - 137
Fluorene	<0.19	F1 F2	19.5	1.09	F1	ug/L		6	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.5	1.33		ug/L		7	1 - 171
Naphthalene	<0.19	F1 F2	19.5	0.601	F1	ug/L		3	21 - 133
Phenanthrene	<0.19	F1 F2	19.5	1.18	F1	ug/L		6	54 - 120
Pyrene	<0.19	F1 F2	19.5	1.39	F1	ug/L		7	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*2*	*S1-*	*28 - 127*
2-Fluorobiphenyl (Surr)	*5*	*S1-*	*31 - 120*
2-Fluorophenol (Surr)	*1*	*S1-*	*17 - 120*
Nitrobenzene-d5 (Surr)	*3*	*S1-*	*27 - 120*
Phenol-d6 (Surr)	*0.9*	*S1-*	*10 - 120*
p-Terphenyl-d14 (Surr)	*7*	*S1-*	*45 - 120*

Lab Sample ID: 380-222429-1 MSD
Matrix: Drinking Water
Analysis Batch: 765058

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 764228

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	13.8	F2	ug/L		72	36 - 120	178	30
2-Methylnaphthalene	<0.19	F1 F2	19.2	12.8	F2	ug/L		67	32 - 124	178	30
Acenaphthene	<0.19	F1 F2	19.2	15.7	F2	ug/L		82	47 - 145	178	48
Acenaphthylene	<0.19	F1 F2	19.2	15.6	F2	ug/L		81	33 - 145	181	74
Anthracene	<0.19	F1 F2	19.2	15.4	F2	ug/L		80	27 - 133	169	66
Benzo[a]anthracene	<0.19	F1 F2	19.2	16.5	F2	ug/L		86	33 - 143	169	53
Benzo[a]pyrene	<0.19	F1 F2	19.2	18.3	F2	ug/L		95	17 - 163	170	72
Benzo[b]fluoranthene	<0.19	F1 F2	19.2	17.2	F2	ug/L		89	24 - 159	171	71
Benzo[g,h,i]perylene	<0.19	F2	19.2	14.7	F2	ug/L		77	1 - 219	169	97
Benzo[k]fluoranthene	<0.19	F1 F2	19.2	16.2	F2	ug/L		84	11 - 162	167	63
Chrysene	<0.19	F1 F2	19.2	16.2	F2	ug/L		84	17 - 168	169	87
Dibenz(a,h)anthracene	<0.19	F2	19.2	15.9	F2	ug/L		83	1 - 227	168	126
Fluoranthene	<0.19	F1 F2	19.2	16.0	F2	ug/L		83	26 - 137	168	66
Fluorene	<0.19	F1 F2	19.2	16.7	F2	ug/L		87	59 - 121	176	38
Indeno[1,2,3-cd]pyrene	<0.19	F2	19.2	15.6	F2	ug/L		81	1 - 171	169	99
Naphthalene	<0.19	F1 F2	19.2	12.7	F2	ug/L		66	21 - 133	182	65

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

Lab Sample ID: 380-222429-1 MSD
Matrix: Drinking Water
Analysis Batch: 765058

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 764228

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	15.7	F2	ug/L		82	54 - 120	172	39
Pyrene	<0.19	F1 F2	19.2	16.8	F2	ug/L		87	52 - 120	169	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*67*		*17 120*
Nitrobenzene-d5 (Surr)	*78*		*27 - 120*
Phenol-d6 (Surr)	*41*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

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

Lab Sample ID: MB 570-767974/6
Matrix: Water
Analysis Batch: 767974

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			07/13/26 12:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*38 - 134*		*07/13/26 12:04*	*1*

Lab Sample ID: LCS 570-767974/3
Matrix: Water
Analysis Batch: 767974

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	370		ug/L		92	78 - 120		

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

Lab Sample ID: LCSD 570-767974/4
Matrix: Water
Analysis Batch: 767974

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			400	390		ug/L		98	78 - 120	5	10

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

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

Lab Sample ID: MRL 570-767974/5
Matrix: Water
Analysis Batch: 767974

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

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			10.0	12.9		ug/L		129	50 - 150		

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

Lab Sample ID: 380-222429-1 MS
Matrix: Drinking Water
Analysis Batch: 767974

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	387		ug/L		97	68 - 122		

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

Lab Sample ID: 380-222429-1 MSD
Matrix: Drinking Water
Analysis Batch: 767974

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	397		ug/L		99	68 - 122	3	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 570-764505/1-A
Matrix: Water
Analysis Batch: 767813

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764505

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		07/06/26 09:11	07/12/26 22:36	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		07/06/26 09:11	07/12/26 22:36	1
C8-C18	<25		25		ug/L		07/06/26 09:11	07/12/26 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 130*	*07/06/26 09:11*	*07/12/26 22:36*	*1*

Lab Sample ID: LCS 570-764505/2-A
Matrix: Water
Analysis Batch: 767813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764505

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1510		ug/L		94	56 - 127		

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

Lab Sample ID: LCS 570-764505/2-A
Matrix: Water
Analysis Batch: 767813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764505

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

Lab Sample ID: LCSD 570-764505/3-A
Matrix: Water
Analysis Batch: 767813

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764505

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1480		ug/L		92	56 - 127	2	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*60 - 130*

Lab Sample ID: MRL 570-764505/4-A
Matrix: Water
Analysis Batch: 767813

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764505

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0325	^3+	mg/L		163	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 130*

Lab Sample ID: 380-222429-1 MS
Matrix: Drinking Water
Analysis Batch: 767813

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 764505

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<25	^3+	1640	1490		ug/L		91	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*87*		*60 - 130*

Lab Sample ID: 380-222429-1 MSD
Matrix: Drinking Water
Analysis Batch: 767813

Client Sample ID: HALAWA WELLS P1 (331-023-WL065)
Prep Type: Total/NA
Prep Batch: 764505

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<25	^3+	1660	1620		ug/L		98	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 238387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	
MB 380-238387/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-238387/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-238387/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-238387/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-222426-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-222427-I-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 238621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	525.2	238387
MB 380-238387/21-A	Method Blank	Total/NA	Water	525.2	238387
LCS 380-238387/23-A	Lab Control Sample	Total/NA	Water	525.2	238387
LCSD 380-238387/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	238387
MRL 380-238387/22-A	Lab Control Sample	Total/NA	Water	525.2	238387
380-222426-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	238387
380-222427-I-1-A DU	Duplicate	Total/NA	Water	525.2	238387

Prep Batch: 764228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-764228/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-764228/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	

Analysis Batch: 764714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1 SIM	764228
LCS 570-764228/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	764228
LCSD 570-764228/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	764228

Analysis Batch: 765058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	764228
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	764228
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1 SIM	764228

Analysis Batch: 766469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	625.1	764228
MB 570-764228/1-A	Method Blank	Total/NA	Water	625.1	764228

GC VOA

Analysis Batch: 767974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
380-222429-2	TB: HALAWA WELLS P1 (331-023-WL065)	Total/NA	Water	8015B GRO LL	
MB 570-767974/6	Method Blank	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 767974 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-767974/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-767974/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-767974/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 764505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
MB 570-764505/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-764505/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-764505/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-764505/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	3510C	

Analysis Batch: 767813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	764505
MB 570-764505/1-A	Method Blank	Total/NA	Water	8015B	764505
LCS 570-764505/2-A	Lab Control Sample	Total/NA	Water	8015B	764505
LCSD 570-764505/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	764505
MRL 570-764505/4-A	Lab Control Sample	Total/NA	Water	8015B	764505
380-222429-1 MS	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	764505
380-222429-1 MSD	HALAWA WELLS P1 (331-023-WL065)	Total/NA	Drinking Water	8015B	764505

Lab Chronicle

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

Job ID: 380-222429-1
SDG: Weekly: Halawa Wells P1

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

Date Collected: 06/29/26 10:23
Date Received: 07/01/26 09:40

Lab Sample ID: 380-222429-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			238387	IQ42	EA POM	07/08/26 14:28
Total/NA	Analysis	525.2		1	238621	Q8LA	EA POM	07/09/26 18:14
Total/NA	Prep	625.1			764228	KLZQ	EET CAL 4	07/05/26 08:38
Total/NA	Analysis	625.1		1	766469	UX77	EET CAL 4	07/09/26 22:47
Total/NA	Prep	625.1			764228	KLZQ	EET CAL 4	07/05/26 08:38
Total/NA	Analysis	625.1 SIM		1	765058	PQS1	EET CAL 4	07/07/26 09:19
Total/NA	Analysis	8015B GRO LL		1	767974	7CF2	EET CAL 4	07/13/26 14:55
Total/NA	Prep	3510C			764505	TVD6	EET CAL 4	07/06/26 09:11
Total/NA	Analysis	8015B		1	767813	H6FE	EET CAL 4	07/13/26 00:22

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

Date Collected: 06/29/26 10:23
Date Received: 07/01/26 09:40

Lab Sample ID: 380-222429-2

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	767974	7CF2	EET CAL 4	07/13/26 13:00

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: 380-222429-1
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 Hawaii State CA00006. This list may include analytes for which the agency does not offer certification:

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
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: 380-222429-1
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	07-15-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
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: 380-222429-1
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: 380-222429-1
SDG: Weekly: Halawa Wells P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-222429-1	HALAWA WELLS P1 (331-023-WL065)	Drinking Water	06/29/26 10:23	07/01/26 09:40	Hawaii
380-222429-2	TB: HALAWA WELLS P1 (331-023-WL065)	Water	06/29/26 10:23	07/01/26 09:40	Hawaii

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: 380-222429 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	625.2_PREC - (MOD) 625plus 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)	29-Jun-2026	1023	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)	29-Jun-2026	1023		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: 8737 8950 5408
[redacted]	Date/Time: 30Jun2026 1400	Company: HBWS	Received by: Mark Urrutia Date/Time: 7/1/26 940 Company: EEAP
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: (631A) 3.7+0.0=3.7 gel-frozen

Ver: 04/02/2024

7/23/2026

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. 30JUN26
ACTWGT 57 00 LB
CAD 258050552/INET4535

BILL RECIPIENT

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

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

58KJ2/DC4A/484B

FedEx Express

E

J261026012001uv

3 of 5
MPS# 0263 **8737 8950 5420**
Mstr# 8737 8950 5408

WED - 01 JUL 10:30A
PRIORITY OVERNIGHT
0201

91768
CA-US ONT

WM ONTA

(631A) 4.0+0.0 4.0 961-7020767
[signature] Mark Urrutia 7/1/26 940

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 | En

Loc: 380
222429

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-352645.1
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 #: 380-222429-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 7/15/2026			
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, 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) (380-222429-1)	6/29/26	10:23 Hawaiian	G	Water			X	X	X	7	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-222429-1MS)	6/29/26	10:23 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
HALAWA WELLS P1 (331-023-WL065) (380-222429-1MSD)	6/29/26	10:23 Hawaiian	G	Water			X	X	X	3	MRLs are needed. Confirm any hits >RL.
TB: HALAWA WELLS P1 (331-023-WL065) (380-222429-2)	6/29/26	10:23 Hawaiian	G	Water				X		2	MRLs are needed. Confirm any hits >RL.

380-222429 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 Miraflor	7/1/26 1700	EEP	[illegible]	7-1-26 17:00	[illegible]
2	[illegible]	7-1-26 18:45	[illegible]	[illegible]	7/1/26 1845	EC
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1-2 | 1-2 IR-8

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-222429-1
SDG Number: Weekly: Halawa Wells P1

Login Number: 222429
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: 380-222429-1
SDG Number: Weekly: Halawa Wells P1

Login Number: 222429
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 07/02/26 11:22 AM

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	1.2
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	