eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/10/2026 7:00:06 PM

JOB DESCRIPTION

RED-HILL
Weekly: Halawa Shaft Viewing Pool

JOB NUMBER

380-245129-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Compliance Statement

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

Authorization



Generated
11/10/2026 7:00:06 PM

Authorized for release by
Maria Lopez, Project Manager
Maria.Lopez@et.eurofinsus.com
(626)386-1145

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Action Limit Summary 11
Surrogate Summary 12
QC Sample Results 14
QC Association Summary 31
Lab Chronicle 33
Certification Summary 34
Method Summary 36
Sample Summary 37
Chain of Custody 38
Receipt Checklists 41

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.

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
380-245129-1

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 10/29/2026 10:05 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 1.6°C and 5.4°C.

GC/MS Semi VOA
Method 625.1 SIM: The following analyte(s) recovered outside control limits for the LCSD associated with preparation batch 570-825085 and analytical batch 570-827650: Pyrene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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 RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-824865 and analytical batch 570-828440 recovered outside control limits for the following analytes: C10-C28. Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-824865 and analytical batch 570-828440 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL — Lab Sample ID: 380-245129-1

No Detections.

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL — Lab Sample ID: 380-245129-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL
Date Collected: 10/27/26 09:30
Date Received: 10/29/26 10:05

Lab Sample ID: 380-245129-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2,4'-DDD	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2,4'-DDE	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2,4'-DDT	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
2-Methylnaphthalene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
4,4'-DDD	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
4,4'-DDE	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
4,4'-DDT	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Acenaphthene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Acenaphthylene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Acetochlor	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Alachlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
alpha-BHC	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
alpha-Chlordane	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Anthracene	<0.019		0.019		ug/L		10/30/26 09:49	11/02/26 15:43	1
Atrazine	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Benz(a)anthracene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Benzo[a]pyrene	<0.019		0.019		ug/L		10/30/26 09:49	11/02/26 15:43	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		10/30/26 09:49	11/02/26 15:43	1
Benzo[g,h,i]perylene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		10/30/26 09:49	11/02/26 15:43	1
beta-BHC	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		10/30/26 09:49	11/02/26 15:43	1
Bromacil	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Butachlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Butylbenzylphthalate	<0.48		0.48		ug/L		10/30/26 09:49	11/02/26 15:43	1
Chlorobenzilate	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Chloroneb	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Chlorpyrifos	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Chrysene	<0.019		0.019		ug/L		10/30/26 09:49	11/02/26 15:43	1
delta-BHC	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		10/30/26 09:49	11/02/26 15:43	1
Dibenz(a,h)anthracene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Diclorvos (DDVP)	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Dieldrin	<0.0097		0.0097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Diethylphthalate	<0.48	^3+	0.48		ug/L		10/30/26 09:49	11/02/26 15:43	1
Dimethylphthalate	<0.48		0.48		ug/L		10/30/26 09:49	11/02/26 15:43	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		10/30/26 09:49	11/02/26 15:43	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Endosulfan sulfate	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Endrin	<0.0097		0.0097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Endrin aldehyde	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
EPTC	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Fluoranthene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1

Client Sample ID: HALAWA SHAFT VIEWING POOL
Date Collected: 10/27/26 09:30
Date Received: 10/29/26 10:05

Lab Sample ID: 380-245129-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
gamma-Chlordane	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Heptachlor	<0.0097		0.0097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Heptachlor epoxide (isomer B)	<0.0097		0.0097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Hexachlorobenzene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Hexachlorocyclopentadiene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Indeno[1,2,3-cd]pyrene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Isophorone	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Lindane	<0.0097		0.0097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Malathion	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Methoxychlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Metolachlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Molinate	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Naphthalene	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Parathion	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Phenanthrene	<0.039		0.039		ug/L		10/30/26 09:49	11/02/26 15:43	1
Propachlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Pyrene	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Simazine	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Terbacil	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Terbuthylazine	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Thiobencarb	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		10/30/26 09:49	11/02/26 15:43	1
trans-Nonachlor	<0.048		0.048		ug/L		10/30/26 09:49	11/02/26 15:43	1
Trifluralin	<0.097		0.097		ug/L		10/30/26 09:49	11/02/26 15:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*10/30/26 09:49*	*11/02/26 15:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*95*		*70 - 130*	*10/30/26 09:49*	*11/02/26 15:43*	*1*
Perylene-d12	*93*		*70 - 130*	*10/30/26 09:49*	*11/02/26 15:43*	*1*
Triphenylphosphate	*106*		*70 - 130*	*10/30/26 09:49*	*11/02/26 15:43*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
2-Methylnaphthalene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Acenaphthene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Acenaphthylene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Anthracene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Benzo[a]anthracene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Benzo[a]pyrene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Chrysene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Fluoranthene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-245129-1

Date Collected: 10/27/26 09:30
Matrix: Water
Date Received: 10/29/26 10:05

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Naphthalene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Phenanthrene	<0.19		0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1
Pyrene	<0.19	*-	0.19		ug/L		11/02/26 08:16	11/06/26 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*28 - 127*	*11/02/26 08:16*	*11/06/26 11:45*	*1*
2-Fluorobiphenyl (Surr)	*60*		*31 - 120*	*11/02/26 08:16*	*11/06/26 11:45*	*1*
2-Fluorophenol (Surr)	*39*		*17 - 120*	*11/02/26 08:16*	*11/06/26 11:45*	*1*
Nitrobenzene-d5 (Surr)	*61*		*27 - 120*	*11/02/26 08:16*	*11/06/26 11:45*	*1*
Phenol-d6 (Surr)	*24*		*10 - 120*	*11/02/26 08:16*	*11/06/26 11:45*	*1*
p-Terphenyl-d14 (Surr)	*68*		*45 - 120*	*11/02/26 08:16*	*11/06/26 11:45*	*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*	*11/02/26 08:16*	*11/10/26 15:50*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*33 - 139*	*11/02/26 08:16*	*11/10/26 15:50*	*1*
2-Fluorobiphenyl (Surr)	*73*		*33 - 126*	*11/02/26 08:16*	*11/10/26 15:50*	*1*
2-Fluorophenol (Surr)	*48*		*12 - 120*	*11/02/26 08:16*	*11/10/26 15:50*	*1*
Nitrobenzene-d5 (Surr)	*76*		*36 - 120*	*11/02/26 08:16*	*11/10/26 15:50*	*1*
Phenol-d6 (Surr)	*30*		*10 - 120*	*11/02/26 08:16*	*11/10/26 15:50*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 131*	*11/02/26 08:16*	*11/10/26 15:50*	*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			11/07/26 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*		*11/07/26 13:13*	*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		11/01/26 13:49	11/08/26 03:16	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/01/26 13:49	11/08/26 03:16	1
C8-C18	<25		25		ug/L		11/01/26 13:49	11/08/26 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*82*		*60 - 130*	*11/01/26 13:49*	*11/08/26 03:16*	*1*

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-245129-2

Date Collected: 10/27/26 09:30
Matrix: Water
Date Received: 10/29/26 10:05

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			11/07/26 20:26	1

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL
Date Collected: 10/27/26 09:30
Date Received: 10/29/26 10:05

Lab Sample ID: 380-245129-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		38 - 134		11/07/26 20:26	1

Action Limit Summary

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-245129-1

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	<0.048		ug/L	2	0.048	525.2	Total/NA
Atrazine	<0.048		ug/L	3	0.048	525.2	Total/NA
Benzo[a]pyrene	<0.019		ug/L	0.2	0.019	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.58		ug/L	6	0.58	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.58		ug/L	400	0.58	525.2	Total/NA
Endrin	<0.0097		ug/L	2	0.0097	525.2	Total/NA
Heptachlor	<0.0097		ug/L	0.4	0.0097	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0097		ug/L	0.2	0.0097	525.2	Total/NA
Hexachlorobenzene	<0.048		ug/L	1	0.048	525.2	Total/NA
Hexachlorocyclopentadiene	<0.048		ug/L	50	0.048	525.2	Total/NA
Lindane	<0.0097		ug/L	0.2	0.0097	525.2	Total/NA
Methoxychlor	<0.048		ug/L	40	0.048	525.2	Total/NA
Simazine	<0.048		ug/L	4	0.048	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

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)						
380-245129-1	HALAWA SHAFT VIEWING POOL	95	93	106						
380-245129-1 MS	HALAWA SHAFT VIEWING POOL	96	95	109						
380-245230-Q-1-A DU	Duplicate	96	87	107						
LCS 380-262469/23-A	Lab Control Sample	95	96	115						
LCSD 380-262469/24-A	Lab Control Sample Dup	97	96	112						
MB 380-262469/21-A	Method Blank	97	91	111						
MRL 380-262469/22-A	Lab Control Sample	96	91	110						

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		TBP	FBP	2FP	NBZ	PHL6	TPHd14			
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)			
380-245129-1	HALAWA SHAFT VIEWING POOL	63	73	48	76	30	87			
MB 570-825085/1-A	Method Blank	71	87	55	90	37	88			

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)								
		TBP	FBP	2FP	NBZ	PHL6	TPHd14			
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)			
380-245129-1	HALAWA SHAFT VIEWING POOL	67	60	39	61	24	68			
380-245147-A-1-A MS	Matrix Spike	52	57	35	53	24	54			
380-245147-A-1-B MSD	Matrix Spike Duplicate	76	77	52	58	35	76			
LCS 570-825085/2-A	Lab Control Sample	68	72	50	56	32	71			
LCSD 570-825085/3-A	Lab Control Sample Dup	61	67	52	59	32	63			
MB 570-825085/1-A	Method Blank	70	69	45	73	30	65			

Surrogate Legend

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

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-245129-1
Project/Site: RED-HILL
SDG: Weekly: Halawa Shaft Viewing Pool

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)
380-245129-1	HALAWA SHAFT VIEWING POOL	95
380-245129-2	TB: HALAWA SHAFT VIEWING POOL	95
380-245147-B-1 MS	Matrix Spike	68
380-245147-B-1 MSD	Matrix Spike Duplicate	90
LCS 570-828294/3	Lab Control Sample	91
LCSD 570 828294/4	Lab Control Sample Dup	91
MB 570-828294/6	Method Blank	94
MRL 570-828294/5	Lab Control Sample	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-130)
380-245129-1	HALAWA SHAFT VIEWING POOL	82
380-245147-C-1-A MS	Matrix Spike	70
380-245147-C-1-B MSD	Matrix Spike Duplicate	82
LCS 570-824865/2-A	Lab Control Sample	79
LCSD 570-824865/3-A	Lab Control Sample Dup	105
MB 570-824865/1-A	Method Blank	94
MRL 570-824865/4-A	Lab Control Sample	84

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-262469/21-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 262469

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2,4'-DDD	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2,4'-DDE	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2,4'-DDT	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
2-Methylnaphthalene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
4,4'-DDD	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
4,4'-DDE	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
4,4'-DDT	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Acenaphthene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Acenaphthylene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Acetochlor	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Alachlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
alpha-BHC	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
alpha-Chlordane	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Anthracene	<0.020		0.020		ug/L		10/30/26 09:49	11/02/26 14:42	1
Atrazine	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Benz(a)anthracene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Benzo[a]pyrene	<0.020		0.020		ug/L		10/30/26 09:49	11/02/26 14:42	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		10/30/26 09:49	11/02/26 14:42	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		10/30/26 09:49	11/02/26 14:42	1
beta-BHC	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		10/30/26 09:49	11/02/26 14:42	1
Bromacil	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Butachlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Butylbenzylphthalate	<0.49		0.49		ug/L		10/30/26 09:49	11/02/26 14:42	1
Chlorobenzilate	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Chloroneb	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Chlorpyrifos	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Chrysene	<0.020		0.020		ug/L		10/30/26 09:49	11/02/26 14:42	1
delta-BHC	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		10/30/26 09:49	11/02/26 14:42	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Dieldrin	<0.0098		0.0098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Diethylphthalate	<0.49	^3+	0.49		ug/L		10/30/26 09:49	11/02/26 14:42	1
Dimethylphthalate	<0.49		0.49		ug/L		10/30/26 09:49	11/02/26 14:42	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		10/30/26 09:49	11/02/26 14:42	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Endosulfan sulfate	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Endrin	<0.0098		0.0098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Endrin aldehyde	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
EPTC	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1

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

Lab Sample ID: MB 380-262469/21-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 262469

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Fluorene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
gamma-Chlordane	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Heptachlor	<0.0098		0.0098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Hexachlorobenzene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Isophorone	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Lindane	<0.0098		0.0098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Malathion	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Methoxychlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Metolachlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Molinate	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Naphthalene	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Parathion	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Phenanthrene	<0.039		0.039		ug/L		10/30/26 09:49	11/02/26 14:42	1
Propachlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Pyrene	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Simazine	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Terbacil	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Terbuthylazine	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Thiobencarb	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		10/30/26 09:49	11/02/26 14:42	1
trans-Nonachlor	<0.049		0.049		ug/L		10/30/26 09:49	11/02/26 14:42	1
Trifluralin	<0.098		0.098		ug/L		10/30/26 09:49	11/02/26 14:42	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*4.94*	*T J N*	*ug/L*		*3.12*	*1120-21-4*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Cyclopentasiloxane, decamethyl-	*0.897*	*T J N*	*ug/L*		*3.25*	*541-02-6*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.959*	*T J N*	*ug/L*		*3.86*	*540-97-6*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Unknown	*0.590*	*T J*	*ug/L*		*4.50*	*N/A*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
9-Octadecenamide, (Z)-	*4.08*	*T J N*	*ug/L*		*7.85*	*301-02-0*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Unknown	*0.505*	*T J*	*ug/L*		*15.39*	*N/A*	*10/30/26 09:49*	*11/02/26 14:42*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*97*		*70 - 130*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Perylene-d12	*91*		*70 - 130*	*10/30/26 09:49*	*11/02/26 14:42*	*1*
Triphenylphosphate	*111*		*70 - 130*	*10/30/26 09:49*	*11/02/26 14:42*	*1*

Lab Sample ID: LCS 380-262469/23-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.97	1.95		ug/L		99	70 - 130		
2,4'-DDD			1.97	2.16		ug/L		110	70 - 130		

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

Lab Sample ID: LCS 380-262469/23-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDE	1.97	2.07		ug/L		105	70 - 130
2,4'-DDT	1.97	2.15		ug/L		109	70 - 130
2,4-Dinitrotoluene	1.97	2.28		ug/L		116	70 - 130
2,6-Dinitrotoluene	1.97	2.24		ug/L		113	70 - 130
2-Methylnaphthalene	1.97	1.96		ug/L		100	70 - 130
4,4'-DDD	1.97	2.30		ug/L		117	70 - 130
4,4'-DDE	1.97	2.06		ug/L		105	70 - 130
4,4'-DDT	1.97	2.19		ug/L		111	70 - 130
Acenaphthene	1.97	1.98		ug/L		101	70 - 130
Acenaphthylene	1.97	1.86		ug/L		95	70 - 130
Acetochlor	1.97	2.17		ug/L		110	70 - 130
Alachlor	1.97	2.25		ug/L		114	70 - 130
alpha-BHC	1.97	2.11		ug/L		107	70 - 130
alpha-Chlordane	1.97	2.13		ug/L		108	70 - 130
Anthracene	1.97	1.81		ug/L		92	70 - 130
Atrazine	1.97	2.29		ug/L		116	70 - 130
Benz(a)anthracene	1.97	2.27		ug/L		115	70 - 130
Benzo[a]pyrene	1.97	2.04		ug/L		103	70 - 130
Benzo[b]fluoranthene	1.97	2.11		ug/L		107	70 - 130
Benzo[g,h,i]perylene	1.97	1.92		ug/L		97	70 - 130
Benzo[k]fluoranthene	1.97	2.10		ug/L		106	70 - 130
beta-BHC	1.97	2.35		ug/L		119	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	2.10		ug/L		106	70 - 130
Bromacil	1.97	2.34		ug/L		119	70 - 130
Butachlor	1.97	2.36		ug/L		120	70 - 130
Butylbenzylphthalate	1.97	2.42		ug/L		123	70 - 130
Chlorobenzilate	1.97	2.33		ug/L		118	70 - 130
Chloroneb	1.97	2.05		ug/L		104	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	2.10		ug/L		107	70 - 130
Chlorpyrifos	1.97	2.19		ug/L		111	70 - 130
Chrysene	1.97	2.09		ug/L		106	70 - 130
delta-BHC	1.97	2.16		ug/L		110	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.39		ug/L		121	70 - 130
Dibenz(a,h)anthracene	1.97	1.92		ug/L		97	70 - 130
Diclorvos (DDVP)	1.97	1.91		ug/L		97	70 - 130
Dieldrin	1.97	2.08		ug/L		106	70 - 130
Diethylphthalate	1.97	2.28		ug/L		116	70 - 130
Dimethylphthalate	1.97	2.11		ug/L		107	70 - 130
Di-n-butyl phthalate	3.94	4.40		ug/L		112	70 - 130
Di-n-octyl phthalate	1.97	2.11		ug/L		107	70 - 130
Endosulfan I (Alpha)	1.97	2.09		ug/L		106	70 - 130
Endosulfan II (Beta)	1.97	2.18		ug/L		110	70 - 130
Endosulfan sulfate	1.97	1.95		ug/L		99	70 - 130
Endrin	1.97	2.20		ug/L		111	70 - 130
Endrin aldehyde	1.97	2.13		ug/L		108	60 - 130
EPTC	1.97	2.00		ug/L		101	70 - 130
Fluoranthene	1.97	2.22		ug/L		113	70 - 130
Fluorene	1.97	2.07		ug/L		105	70 - 130
gamma-Chlordane	1.97	2.26		ug/L		115	70 - 130

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

Lab Sample ID: LCS 380-262469/23-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Heptachlor			1.97	1.90		ug/L		96	70 - 130		
Heptachlor epoxide (isomer B)			1.97	2.09		ug/L		106	70 - 130		
Hexachlorobenzene			1.97	1.95		ug/L		99	70 - 130		
Hexachlorocyclopentadiene			1.97	1.77		ug/L		90	70 - 130		
Indeno[1,2,3-cd]pyrene			1.97	2.02		ug/L		103	70 - 130		
Isophorone			1.97	1.99		ug/L		101	70 - 130		
Lindane			1.97	2.15		ug/L		109	70 - 130		
Malathion			1.97	2.24		ug/L		114	70 - 130		
Methoxychlor			1.97	2.21		ug/L		112	70 - 130		
Metolachlor			1.97	2.21		ug/L		112	70 - 130		
Molinate			1.97	2.10		ug/L		106	70 - 130		
Naphthalene			1.97	1.98		ug/L		100	70 - 130		
Parathion			1.97	2.39		ug/L		121	70 - 130		
Pendimethalin (Penoxaline)			1.97	2.24		ug/L		113	70 - 130		
Phenanthrene			1.97	2.03		ug/L		103	70 - 130		
Propachlor			1.97	2.24		ug/L		114	70 - 130		
Pyrene			1.97	2.25		ug/L		114	70 - 130		
Simazine			1.97	2.35		ug/L		119	70 - 130		
Terbacil			1.97	2.37		ug/L		120	70 - 130		
Terbuthylazine			1.97	2.39		ug/L		121	70 - 130		
Thiobencarb			1.97	2.27		ug/L		115	70 - 130		
trans-Nonachlor			1.97	2.18		ug/L		111	70 - 130		
Trifluralin			1.97	2.07		ug/L		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*95*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*115*		*70 - 130*

Lab Sample ID: LCSD 380-262469/24-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.97	1.97		ug/L		100	70 - 130	1	20
2,4'-DDD			1.97	2.11		ug/L		107	70 - 130	2	20
2,4'-DDE			1.97	2.05		ug/L		104	70 - 130	1	20
2,4'-DDT			1.97	2.14		ug/L		109	70 - 130	1	20
2,4-Dinitrotoluene			1.97	2.28		ug/L		116	70 - 130	0	20
2,6-Dinitrotoluene			1.97	2.25		ug/L		114	70 - 130	1	20
2-Methylnaphthalene			1.97	1.97		ug/L		100	70 - 130	0	20
4,4'-DDD			1.97	2.29		ug/L		117	70 - 130	0	20
4,4'-DDE			1.97	2.05		ug/L		104	70 - 130	1	20
4,4'-DDT			1.97	2.14		ug/L		109	70 - 130	2	20
Acenaphthene			1.97	2.00		ug/L		102	70 - 130	1	20
Acenaphthylene			1.97	1.90		ug/L		97	70 - 130	2	20
Acetochlor			1.97	2.16		ug/L		110	70 - 130	0	20
Alachlor			1.97	2.19		ug/L		111	70 - 130	3	20

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

Lab Sample ID: LCSD 380-262469/24-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC			1.97	2.10		ug/L		107	70 - 130	0	20
alpha-Chlordane			1.97	2.14		ug/L		109	70 - 130	1	20
Anthracene			1.97	1.87		ug/L		95	70 - 130	3	20
Atrazine			1.97	2.23		ug/L		113	70 - 130	3	20
Benz(a)anthracene			1.97	2.21		ug/L		112	70 - 130	3	20
Benzo[a]pyrene			1.97	2.03		ug/L		103	70 - 130	0	20
Benzo[b]fluoranthene			1.97	2.17		ug/L		110	70 - 130	3	20
Benzo[g,h,i]perylene			1.97	1.97		ug/L		100	70 - 130	3	20
Benzo[k]fluoranthene			1.97	2.00		ug/L		102	70 - 130	5	20
beta-BHC			1.97	2.24		ug/L		114	70 - 130	5	20
Bis(2-ethylhexyl) phthalate			1.97	2.23		ug/L		113	70 - 130	6	20
Bromacil			1.97	2.31		ug/L		117	70 - 130	2	20
Butachlor			1.97	2.30		ug/L		117	70 - 130	2	20
Butylbenzylphthalate			1.97	2.41		ug/L		122	70 - 130	0	20
Chlorobenzilate			1.97	2.27		ug/L		115	70 - 130	3	20
Chloroneb			1.97	2.07		ug/L		105	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)			1.97	2.04		ug/L		103	70 - 130	3	20
Chlorpyrifos			1.97	2.17		ug/L		110	70 - 130	1	20
Chrysene			1.97	2.08		ug/L		105	70 - 130	1	20
delta-BHC			1.97	2.13		ug/L		108	70 - 130	2	20
Di(2-ethylhexyl)adipate			1.97	2.38		ug/L		121	70 - 130	0	20
Dibenz(a,h)anthracene			1.97	1.99		ug/L		101	70 - 130	4	20
Diclorvos (DDVP)			1.97	2.05		ug/L		104	70 - 130	7	20
Dieldrin			1.97	2.03		ug/L		103	70 - 130	2	20
Diethylphthalate			1.97	2.28		ug/L		116	70 - 130	0	20
Dimethylphthalate			1.97	2.14		ug/L		109	70 - 130	1	20
Di-n-butyl phthalate			3.94	4.30		ug/L		109	70 - 130	2	20
Di-n-octyl phthalate			1.97	2.25		ug/L		114	70 - 130	6	20
Endosulfan I (Alpha)			1.97	2.08		ug/L		106	70 - 130	1	20
Endosulfan II (Beta)			1.97	2.13		ug/L		108	70 - 130	2	20
Endosulfan sulfate			1.97	1.94		ug/L		99	70 - 130	0	20
Endrin			1.97	2.17		ug/L		110	70 - 130	1	20
Endrin aldehyde			1.97	2.12		ug/L		108	60 - 130	0	20
EPTC			1.97	2.07		ug/L		105	70 - 130	4	20
Fluoranthene			1.97	2.19		ug/L		111	70 - 130	1	20
Fluorene			1.97	2.10		ug/L		106	70 - 130	1	20
gamma-Chlordane			1.97	2.25		ug/L		114	70 - 130	0	20
Heptachlor			1.97	1.99		ug/L		101	70 - 130	5	20
Heptachlor epoxide (isomer B)			1.97	2.13		ug/L		108	70 - 130	2	20
Hexachlorobenzene			1.97	1.95		ug/L		99	70 - 130	0	20
Hexachlorocyclopentadiene			1.97	1.75		ug/L		89	70 - 130	1	20
Indeno[1,2,3-cd]pyrene			1.97	2.01		ug/L		102	70 - 130	1	20
Isophorone			1.97	2.03		ug/L		103	70 - 130	2	20
Lindane			1.97	2.12		ug/L		108	70 - 130	1	20
Malathion			1.97	2.21		ug/L		112	70 - 130	1	20
Methoxychlor			1.97	2.24		ug/L		113	70 - 130	1	20
Metolachlor			1.97	2.17		ug/L		110	70 - 130	2	20
Molinate			1.97	2.16		ug/L		110	70 - 130	3	20
Naphthalene			1.97	1.97		ug/L		100	70 - 130	1	20

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

Lab Sample ID: LCSD 380-262469/24-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Parathion			1.97	2.34		ug/L		119	70 - 130	2	20
Pendimethalin (Penoxaline)			1.97	2.20		ug/L		112	70 - 130	2	20
Phenanthrene			1.97	2.05		ug/L		104	70 - 130	1	20
Propachlor			1.97	2.24		ug/L		114	70 - 130	0	20
Pyrene			1.97	2.19		ug/L		111	70 - 130	2	20
Simazine			1.97	2.27		ug/L		115	70 - 130	3	20
Terbacil			1.97	2.34		ug/L		119	70 - 130	1	20
Terbuthylazine			1.97	2.31		ug/L		117	70 - 130	3	20
Thiobencarb			1.97	2.22		ug/L		113	70 - 130	2	20
trans-Nonachlor			1.97	2.17		ug/L		110	70 - 130	1	20
Trifluralin			1.97	2.08		ug/L		106	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*96*		*70 - 130*
Triphenylphosphate	*112*		*70 - 130*

Lab Sample ID: MRL 380-262469/22-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			0.0982	0.0870	J	ug/L		89	50 - 150		
2,4'-DDD			0.0982	0.0981		ug/L		100	50 - 150		
2,4'-DDE			0.0982	0.103		ug/L		105	50 - 150		
2,4'-DDT			0.0982	0.115		ug/L		117	50 - 150		
2,4-Dinitrotoluene			0.0982	0.138		ug/L		140	50 - 150		
2,6-Dinitrotoluene			0.0982	0.129		ug/L		131	50 - 150		
2-Methylnaphthalene			0.0982	0.0916	J	ug/L		93	50 - 150		
4,4'-DDD			0.0982	0.120		ug/L		122	50 - 150		
4,4'-DDE			0.0982	0.103		ug/L		105	50 - 150		
4,4'-DDT			0.0982	0.115		ug/L		117	50 - 150		
Acenaphthene			0.0982	0.0917	J	ug/L		93	50 - 150		
Acenaphthylene			0.0982	0.0831	J	ug/L		85	50 - 150		
Acetochlor			0.0982	0.111		ug/L		113	50 - 150		
Alachlor			0.0491	0.0577		ug/L		117	50 - 150		
alpha-BHC			0.0982	0.0985		ug/L		100	50 - 150		
alpha-Chlordane			0.0246	<0.028		ug/L		105	50 - 150		
Anthracene			0.0196	0.0211		ug/L		108	50 - 150		
Atrazine			0.0491	0.0612		ug/L		125	50 - 150		
Benz(a)anthracene			0.0491	0.0559		ug/L		114	50 - 150		
Benzo[a]pyrene			0.0196	0.0167	J	ug/L		85	50 - 150		
Benzo[b]fluoranthene			0.0196	0.0198	J	ug/L		101	50 - 150		
Benzo[g,h,i]perylene			0.0491	0.0478	J	ug/L		97	50 - 150		
Benzo[k]fluoranthene			0.0196	0.0192	J	ug/L		98	50 - 150		
beta-BHC			0.0982	0.112		ug/L		114	50 - 150		
Bis(2-ethylhexyl) phthalate			0.589	0.688		ug/L		117	50 - 150		
Bromacil			0.0982	0.133		ug/L		135	50 - 150		

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

Lab Sample ID: MRL 380-262469/22-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	0.0491	0.0637		ug/L		130	50 - 150
Butylbenzylphthalate	0.491	0.641		ug/L		130	50 - 150
Chlorobenzilate	0.0982	0.116		ug/L		118	50 - 150
Chloroneb	0.0982	0.106		ug/L		108	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0982	0.101		ug/L		103	50 - 150
Chlorpyrifos	0.0491	0.0581		ug/L		118	50 - 150
Chrysene	0.0196	0.0225		ug/L		115	50 - 150
delta-BHC	0.0982	0.121		ug/L		123	50 - 150
Di(2-ethylhexyl)adipate	0.589	0.749		ug/L		127	50 - 150
Dibenz(a,h)anthracene	0.0491	0.0385	J	ug/L		78	50 - 150
Diclorvos (DDVP)	0.0491	0.0529		ug/L		108	50 - 150
Dieldrin	0.00982	0.0145		ug/L		148	50 - 150
Diethylphthalate	0.491	0.746	^3+	ug/L		152	50 - 150
Dimethylphthalate	0.491	0.561		ug/L		114	50 - 150
Di-n-butyl phthalate	0.491	0.539	J	ug/L		110	49 - 243
Di-n-octyl phthalate	0.0982	0.110		ug/L		112	50 - 150
Endosulfan I (Alpha)	0.0982	0.0911	J	ug/L		93	50 - 150
Endosulfan II (Beta)	0.0982	0.110		ug/L		112	50 - 150
Endosulfan sulfate	0.0982	0.108		ug/L		110	50 - 150
Endrin	0.00982	0.0117		ug/L		119	50 - 150
Endrin aldehyde	0.0982	0.120		ug/L		122	50 - 150
EPTC	0.0982	0.0982		ug/L		100	50 - 150
Fluoranthene	0.0982	0.106		ug/L		108	50 - 150
Fluorene	0.0491	0.0520		ug/L		106	50 - 150
gamma-Chlordane	0.0246	0.0279	J	ug/L		114	50 - 150
Heptachlor	0.00982	0.0112		ug/L		114	50 - 150
Heptachlor epoxide (isomer B)	0.00982	0.0127		ug/L		129	50 - 150
Hexachlorobenzene	0.0491	0.0445	J	ug/L		91	50 - 150
Hexachlorocyclopentadiene	0.0491	0.0390	J	ug/L		79	50 - 150
Indeno[1,2,3-cd]pyrene	0.0491	0.0436	J	ug/L		89	50 - 150
Isophorone	0.0982	0.0913	J	ug/L		93	50 - 150
Lindane	0.00982	0.0119		ug/L		121	50 - 150
Malathion	0.0982	0.120		ug/L		122	50 - 150
Methoxychlor	0.0491	0.0591		ug/L		120	50 - 150
Metolachlor	0.0491	0.0554		ug/L		113	50 - 150
Molinate	0.0982	0.115		ug/L		117	50 - 150
Naphthalene	0.0982	0.0835	J	ug/L		85	50 - 150
Parathion	0.0982	0.113		ug/L		115	50 - 150
Pendimethalin (Penoxaline)	0.0982	0.114		ug/L		116	50 - 150
Phenanthrene	0.0393	0.0428		ug/L		109	50 - 150
Propachlor	0.0491	0.0578		ug/L		118	50 - 150
Pyrene	0.0491	0.0548		ug/L		112	50 - 150
Simazine	0.0491	0.0615		ug/L		125	50 - 150
Terbacil	0.0982	0.125		ug/L		127	50 - 150
Terbuthylazine	0.0982	0.116		ug/L		118	50 - 150
Thiobencarb	0.0982	0.121		ug/L		123	50 - 150
trans-Nonachlor	0.0246	0.0278	J	ug/L		113	50 - 150
Trifluralin	0.0982	0.101		ug/L		102	50 - 150

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

Lab Sample ID: MRL 380-262469/22-A
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 262469

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*91*		*70 - 130*
Triphenylphosphate	*110*		*70 - 130*

Lab Sample ID: 380-245129-1 MS
Matrix: Water
Analysis Batch: 262826

Client Sample ID: HALAWA SHAFT VIEWING POOL
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.097		1.91	1.91		ug/L		100	70 - 130
2,4'-DDD	<0.097		1.91	1.99		ug/L		104	70 - 130
2,4'-DDE	<0.097		1.91	1.91		ug/L		100	70 - 130
2,4'-DDT	<0.097		1.91	1.94		ug/L		102	70 - 130
2,4-Dinitrotoluene	<0.097		1.91	2.20		ug/L		116	70 - 130
2,6-Dinitrotoluene	<0.097		1.91	2.17		ug/L		114	70 - 130
2-Methylnaphthalene	<0.097		1.91	1.94		ug/L		102	70 - 130
4,4'-DDD	<0.097		1.91	2.10		ug/L		110	70 - 130
4,4'-DDE	<0.097		1.91	1.83		ug/L		96	70 - 130
4,4'-DDT	<0.097		1.91	1.95		ug/L		102	70 - 130
Acenaphthene	<0.097		1.91	1.95		ug/L		102	70 - 130
Acenaphthylene	<0.097		1.91	1.86		ug/L		98	70 - 130
Acetochlor	<0.097		1.91	2.09		ug/L		110	70 - 130
Alachlor	<0.048		1.91	2.07		ug/L		108	70 - 130
alpha-BHC	<0.097		1.91	2.04		ug/L		107	70 - 130
alpha-Chlordane	<0.048		1.91	2.01		ug/L		105	70 - 130
Anthracene	<0.019		1.91	1.38		ug/L		72	70 - 130
Atrazine	<0.048		1.91	2.09		ug/L		110	70 - 130
Benz(a)anthracene	<0.048		1.91	2.01		ug/L		106	70 - 130
Benzo[a]pyrene	<0.019		1.91	1.81		ug/L		95	70 - 130
Benzo[b]fluoranthene	<0.019		1.91	2.07		ug/L		109	70 - 130
Benzo[g,h,i]perylene	<0.048		1.91	1.82		ug/L		95	70 - 130
Benzo[k]fluoranthene	<0.019		1.91	1.94		ug/L		102	70 - 130
beta-BHC	<0.097		1.91	2.10		ug/L		110	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.91	2.05		ug/L		107	70 - 130
Bromacil	<0.097		1.91	2.23		ug/L		117	70 - 130
Butachlor	<0.048		1.91	2.22		ug/L		116	70 - 130
Butylbenzylphthalate	<0.48		1.91	2.30		ug/L		121	70 - 130
Chlorobenzilate	<0.097		1.91	2.18		ug/L		114	70 - 130
Chloroneb	<0.097		1.91	2.01		ug/L		105	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.91	1.92		ug/L		101	70 - 130
Chlorpyrifos	<0.048		1.91	2.05		ug/L		107	70 - 130
Chrysene	<0.019		1.91	1.99		ug/L		105	70 - 130
delta-BHC	<0.097		1.91	2.04		ug/L		107	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.91	2.09		ug/L		110	70 - 130
Dibenz(a,h)anthracene	<0.048		1.91	1.80		ug/L		94	70 - 130
Diclorvos (DDVP)	<0.048		1.91	1.93		ug/L		101	70 - 130
Dieldrin	<0.0097		1.91	1.93		ug/L		101	70 - 130
Diethylphthalate	<0.48	^3+	1.91	2.19		ug/L		112	70 - 130

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

Lab Sample ID: 380-245129-1 MS
Matrix: Water
Analysis Batch: 262826

Client Sample ID: HALAWA SHAFT VIEWING POOL
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethylphthalate	<0.48		1.91	2.04		ug/L		107	70 - 130
Di-n-butyl phthalate	<0.97		3.81	4.10		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.097		1.91	1.94		ug/L		102	70 - 130
Endosulfan I (Alpha)	<0.097		1.91	1.97		ug/L		103	70 - 130
Endosulfan II (Beta)	<0.097		1.91	2.03		ug/L		106	70 - 130
Endosulfan sulfate	<0.097		1.91	1.84		ug/L		97	70 - 130
Endrin	<0.0097		1.91	2.02		ug/L		106	70 - 130
Endrin aldehyde	<0.097		1.91	1.55		ug/L		81	60 - 130
EPTC	<0.097		1.91	1.96		ug/L		103	70 - 130
Fluoranthene	<0.097		1.91	2.09		ug/L		110	70 - 130
Fluorene	<0.048		1.91	2.02		ug/L		106	70 - 130
gamma-Chlordane	<0.048		1.91	2.09		ug/L		110	70 - 130
Heptachlor	<0.0097		1.91	1.89		ug/L		99	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.91	2.04		ug/L		107	70 - 130
Hexachlorobenzene	<0.048		1.91	1.87		ug/L		98	70 - 130
Hexachlorocyclopentadiene	<0.048		1.91	1.81		ug/L		95	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.91	1.90		ug/L		99	70 - 130
Isophorone	<0.097		1.91	1.96		ug/L		103	70 - 130
Lindane	<0.0097		1.91	2.04		ug/L		107	70 - 130
Malathion	<0.097		1.91	2.12		ug/L		111	70 - 130
Methoxychlor	<0.048		1.91	2.14		ug/L		112	70 - 130
Metolachlor	<0.048		1.91	2.06		ug/L		108	70 - 130
Molinate	<0.097		1.91	2.08		ug/L		109	70 - 130
Naphthalene	<0.097		1.91	1.94		ug/L		102	70 - 130
Parathion	<0.097		1.91	2.20		ug/L		115	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.91	2.06		ug/L		108	70 - 130
Phenanthrene	<0.039		1.91	1.98		ug/L		104	70 - 130
Propachlor	<0.048		1.91	2.17		ug/L		114	70 - 130
Pyrene	<0.048		1.91	2.10		ug/L		110	70 - 130
Simazine	<0.048		1.91	2.13		ug/L		111	70 - 130
Terbacil	<0.097		1.91	2.23		ug/L		117	70 - 130
Terbuthylazine	<0.097		1.91	2.17		ug/L		114	70 - 130
Thiobencarb	<0.097		1.91	2.12		ug/L		111	70 - 130
trans-Nonachlor	<0.048		1.91	1.99		ug/L		104	70 - 130
Trifluralin	<0.097		1.91	1.96		ug/L		103	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*95*		*70 - 130*
Triphenylphosphate	*109*		*70 - 130*

Lab Sample ID: 380-245230-Q-1-A DU
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 262469

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

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

Lab Sample ID: 380-245230-Q-1-A DU
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
2,4'-DDE	<0.097		<0.097		ug/L		NC	20
2,4'-DDT	<0.097		<0.097		ug/L		NC	20
2,4-Dinitrotoluene	<0.097		<0.097		ug/L		NC	20
2,6-Dinitrotoluene	<0.097		<0.097		ug/L		NC	20
2-Methylnaphthalene	<0.097		<0.097		ug/L		NC	20
4,4'-DDD	<0.097		<0.097		ug/L		NC	20
4,4'-DDE	<0.097		<0.097		ug/L		NC	20
4,4'-DDT	<0.097		<0.097		ug/L		NC	20
Acenaphthene	<0.097		<0.097		ug/L		NC	20
Acenaphthylene	<0.097		<0.097		ug/L		NC	20
Acetochlor	<0.097		<0.097		ug/L		NC	20
Alachlor	<0.048		<0.049		ug/L		NC	20
alpha-BHC	<0.097		<0.097		ug/L		NC	20
alpha-Chlordane	<0.048		<0.049		ug/L		NC	20
Anthracene	<0.019		<0.019		ug/L		NC	20
Atrazine	<0.048		<0.049		ug/L		NC	20
Benz(a)anthracene	<0.048		<0.049		ug/L		NC	20
Benzo[a]pyrene	<0.019		<0.019		ug/L		NC	20
Benzo[b]fluoranthene	<0.019		<0.019		ug/L		NC	20
Benzo[g,h,i]perylene	<0.048		<0.049		ug/L		NC	20
Benzo[k]fluoranthene	<0.019		<0.019		ug/L		NC	20
beta-BHC	<0.097		<0.097		ug/L		NC	20
Bis(2-ethylhexyl) phthalate	<0.58		<0.58		ug/L		NC	20
Bromacil	<0.097		<0.097		ug/L		NC	20
Butachlor	<0.048		<0.049		ug/L		NC	20
Butylbenzylphthalate	<0.48		<0.49		ug/L		NC	20
Chlorobenzilate	<0.097		<0.097		ug/L		NC	20
Chloroneb	<0.097		<0.097		ug/L		NC	20
Chlorothalonil (Draconil, Bravo)	<0.097		<0.097		ug/L		NC	20
Chlorpyrifos	<0.048		<0.049		ug/L		NC	20
Chrysene	<0.019		<0.019		ug/L		NC	20
delta-BHC	<0.097		<0.097		ug/L		NC	20
Di(2-ethylhexyl)adipate	<0.58		<0.58		ug/L		NC	20
Dibenz(a,h)anthracene	<0.048		<0.049		ug/L		NC	20
Diclorvos (DDVP)	<0.048		<0.049		ug/L		NC	20
Dieldrin	<0.0097		<0.0097		ug/L		NC	20
Diethylphthalate	<0.48	^3+	<0.49		ug/L		NC	20
Dimethylphthalate	<0.48		<0.49		ug/L		NC	20
Di-n-butyl phthalate	<0.97		<0.97		ug/L		NC	20
Di-n-octyl phthalate	<0.097		<0.097		ug/L		NC	20
Endosulfan I (Alpha)	<0.097		<0.097		ug/L		NC	20
Endosulfan II (Beta)	<0.097		<0.097		ug/L		NC	20
Endosulfan sulfate	<0.097		<0.097		ug/L		NC	20
Endrin	<0.0097		<0.0097		ug/L		NC	20
Endrin aldehyde	<0.097		<0.097		ug/L		NC	20
EPTC	<0.097		<0.097		ug/L		NC	20
Fluoranthene	<0.097		<0.097		ug/L		NC	20
Fluorene	<0.048		<0.049		ug/L		NC	20
gamma-Chlordane	<0.048		<0.049		ug/L		NC	20

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

Lab Sample ID: 380-245230-Q-1-A DU
Matrix: Water
Analysis Batch: 262826

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 262469

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Heptachlor	<0.0097		<0.0097		ug/L		NC	20
Heptachlor epoxide (isomer B)	<0.0097		<0.0097		ug/L		NC	20
Hexachlorobenzene	<0.048		<0.049		ug/L		NC	20
Hexachlorocyclopentadiene	<0.048		<0.049		ug/L		NC	20
Indeno[1,2,3-cd]pyrene	<0.048		<0.049		ug/L		NC	20
Isophorone	<0.097		<0.097		ug/L		NC	20
Lindane	<0.0097		<0.0097		ug/L		NC	20
Malathion	<0.097		<0.097		ug/L		NC	20
Methoxychlor	<0.048		<0.049		ug/L		NC	20
Metolachlor	<0.048		<0.049		ug/L		NC	20
Molinate	<0.097		<0.097		ug/L		NC	20
Naphthalene	<0.097		<0.097		ug/L		NC	20
Parathion	<0.097		<0.097		ug/L		NC	20
Pendimethalin (Penoxaline)	<0.097		<0.097		ug/L		NC	20
Phenanthrene	<0.039		<0.039		ug/L		NC	20
Propachlor	<0.048		<0.049		ug/L		NC	20
Pyrene	<0.048		<0.049		ug/L		NC	20
Simazine	<0.048		<0.049		ug/L		NC	20
Terbacil	<0.097		<0.097		ug/L		NC	20
Terbuthylazine	<0.097		<0.097		ug/L		NC	20
Thiobencarb	<0.097		<0.097		ug/L		NC	20
Total Permethrin (mixed isomers)	<0.19		<0.19		ug/L		NC	20
trans-Nonachlor	<0.048		<0.049		ug/L		NC	20
Trifluralin	<0.097		<0.097		ug/L		NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*87*		*70 - 130*
Triphenylphosphate	*107*		*70 - 130*

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

Lab Sample ID: MB 570-825085/1-A
Matrix: Water
Analysis Batch: 829653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825085

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*	*11/02/26 08:15*	*11/10/26 13:01*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*33 - 139*	*11/02/26 08:15*	*11/10/26 13:01*	*1*
2-Fluorobiphenyl (Surr)	*87*		*33 - 126*	*11/02/26 08:15*	*11/10/26 13:01*	*1*
2-Fluorophenol (Surr)	*55*		*12 - 120*	*11/02/26 08:15*	*11/10/26 13:01*	*1*
Nitrobenzene-d5 (Surr)	*90*		*36 - 120*	*11/02/26 08:15*	*11/10/26 13:01*	*1*
Phenol-d6 (Surr)	*37*		*10 - 120*	*11/02/26 08:15*	*11/10/26 13:01*	*1*
p-Terphenyl-d14 (Surr)	*88*		*47 - 131*	*11/02/26 08:15*	*11/10/26 13:01*	*1*

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

Lab Sample ID: MB 570-825085/1-A
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 825085

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
2-Methylnaphthalene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Acenaphthene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Acenaphthylene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Anthracene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Benzo[a]anthracene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Benzo[a]pyrene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Chrysene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Fluoranthene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Fluorene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Naphthalene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Phenanthrene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1
Pyrene	<0.20		0.20		ug/L		11/02/26 08:15	11/06/26 07:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*28 - 127*	*11/02/26 08:15*	*11/06/26 07:16*	*1*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*	*11/02/26 08:15*	*11/06/26 07:16*	*1*
2-Fluorophenol (Surr)	*45*		*17 - 120*	*11/02/26 08:15*	*11/06/26 07:16*	*1*
Nitrobenzene-d5 (Surr)	*73*		*27 - 120*	*11/02/26 08:15*	*11/06/26 07:16*	*1*
Phenol-d6 (Surr)	*30*		*10 - 120*	*11/02/26 08:15*	*11/06/26 07:16*	*1*
p-Terphenyl-d14 (Surr)	*65*		*45 - 120*	*11/02/26 08:15*	*11/06/26 07:16*	*1*

Lab Sample ID: LCS 570-825085/2-A
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825085

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	11.1		ug/L		55	47 - 120
2-Methylnaphthalene	20.0	11.2		ug/L		56	43 - 120
Acenaphthene	20.0	14.9		ug/L		75	60 - 132
Acenaphthylene	20.0	15.3		ug/L		77	54 - 126
Anthracene	20.0	16.2		ug/L		81	43 - 120
Benzo[a]anthracene	20.0	16.8		ug/L		84	42 - 133
Benzo[a]pyrene	20.0	20.7		ug/L		103	32 - 148
Benzo[b]fluoranthene	20.0	18.9		ug/L		95	42 - 140
Benzo[g,h,i]perylene	20.0	18.0		ug/L		90	1 - 195
Benzo[k]fluoranthene	20.0	19.1		ug/L		96	25 - 146
Chrysene	20.0	16.1		ug/L		81	44 - 140
Dibenz(a,h)anthracene	20.0	18.6		ug/L		93	1 - 200
Fluoranthene	20.0	18.1		ug/L		90	43 - 121
Fluorene	20.0	15.6		ug/L		78	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.1		ug/L		85	1 - 151
Naphthalene	20.0	10.7		ug/L		53	36 - 120

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

Lab Sample ID: LCS 570-825085/2-A
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 825085

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			20.0	16.1		ug/L		80	65 - 120		
Pyrene			20.0	14.9		ug/L		75	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*28 - 127*
2-Fluorobiphenyl (Surr)	*72*		*31 - 120*
2-Fluorophenol (Surr)	*50*		*17 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d6 (Surr)	*32*		*10 - 120*
p-Terphenyl-d14 (Surr)	*71*		*45 - 120*

Lab Sample ID: LCSD 570-825085/3-A
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 825085

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	11.3		ug/L		56	47 - 120	2	20
2-Methylnaphthalene			20.0	11.2		ug/L		56	43 - 120	1	20
Acenaphthene			20.0	14.1		ug/L		70	60 - 132	6	29
Acenaphthylene			20.0	14.5		ug/L		73	54 - 126	5	45
Anthracene			20.0	14.6		ug/L		73	43 - 120	11	40
Benzo[a]anthracene			20.0	14.8		ug/L		74	42 - 133	13	32
Benzo[a]pyrene			20.0	18.1		ug/L		90	32 - 148	14	43
Benzo[b]fluoranthene			20.0	16.6		ug/L		83	42 - 140	13	43
Benzo[g,h,i]perylene			20.0	15.9		ug/L		80	1 - 195	12	61
Benzo[k]fluoranthene			20.0	17.0		ug/L		85	25 - 146	12	38
Chrysene			20.0	14.2		ug/L		71	44 - 140	13	53
Dibenz(a,h)anthracene			20.0	16.4		ug/L		82	1 - 200	13	75
Fluoranthene			20.0	15.8		ug/L		79	43 - 121	13	40
Fluorene			20.0	14.5		ug/L		73	70 - 120	7	23
Indeno[1,2,3-cd]pyrene			20.0	15.2		ug/L		76	1 - 151	12	60
Naphthalene			20.0	11.0		ug/L		55	36 - 120	3	39
Phenanthrene			20.0	14.5		ug/L		72	65 - 120	10	24
Pyrene			20.0	13.6	*-	ug/L		68	70 - 120	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*28 - 127*
2-Fluorobiphenyl (Surr)	*67*		*31 - 120*
2-Fluorophenol (Surr)	*52*		*17 - 120*
Nitrobenzene-d5 (Surr)	*59*		*27 - 120*
Phenol-d6 (Surr)	*32*		*10 - 120*
p-Terphenyl-d14 (Surr)	*63*		*45 - 120*

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

Lab Sample ID: 380-245147-A-1-A MS
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 825085

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		19.6	10.0		ug/L		51	36 - 120
2-Methylnaphthalene	<0.20		19.6	9.87		ug/L		50	32 - 124
Acenaphthene	<0.20		19.6	11.9		ug/L		60	47 - 145
Acenaphthylene	<0.20		19.6	12.3		ug/L		63	33 - 145
Anthracene	<0.20		19.6	12.3		ug/L		63	27 - 133
Benzo[a]anthracene	<0.20		19.6	12.3		ug/L		63	33 - 143
Benzo[a]pyrene	<0.20		19.6	14.1		ug/L		72	17 - 163
Benzo[b]fluoranthene	<0.20		19.6	13.5		ug/L		69	24 - 159
Benzo[g,h,i]perylene	<0.20		19.6	13.2		ug/L		67	1 - 219
Benzo[k]fluoranthene	<0.20		19.6	13.8		ug/L		70	11 - 162
Chrysene	<0.20		19.6	12.4		ug/L		63	17 - 168
Dibenz(a,h)anthracene	<0.20		19.6	13.8		ug/L		70	1 - 227
Fluoranthene	<0.20		19.6	13.1		ug/L		67	26 - 137
Fluorene	<0.20		19.6	12.3		ug/L		63	59 - 121
Indeno[1,2,3-cd]pyrene	<0.20		19.6	12.3		ug/L		63	1 - 171
Naphthalene	<0.20		19.6	9.79		ug/L		50	21 - 133
Phenanthrene	<0.20		19.6	12.0		ug/L		61	54 - 120
Pyrene	<0.20	*-	19.6	11.5		ug/L		59	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*52*		*28 - 127*
2-Fluorobiphenyl (Surr)	*57*		*31 - 120*
2-Fluorophenol (Surr)	*35*		*17 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*
Phenol-d6 (Surr)	*24*		*10 - 120*
p-Terphenyl-d14 (Surr)	*54*		*45 - 120*

Lab Sample ID: 380-245147-A-1-B MSD
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		19.5	11.7		ug/L		60	36 - 120	15	30
2-Methylnaphthalene	<0.20		19.5	11.7		ug/L		60	32 - 124	17	30
Acenaphthene	<0.20		19.5	16.1		ug/L		82	47 - 145	30	48
Acenaphthylene	<0.20		19.5	16.6		ug/L		85	33 - 145	29	74
Anthracene	<0.20		19.5	17.3		ug/L		89	27 - 133	34	66
Benzo[a]anthracene	<0.20		19.5	17.0		ug/L		87	33 - 143	32	53
Benzo[a]pyrene	<0.20		19.5	19.9		ug/L		102	17 - 163	34	72
Benzo[b]fluoranthene	<0.20		19.5	18.3		ug/L		94	24 - 159	30	71
Benzo[g,h,i]perylene	<0.20		19.5	18.2		ug/L		93	1 - 219	32	97
Benzo[k]fluoranthene	<0.20		19.5	18.9		ug/L		97	11 - 162	31	63
Chrysene	<0.20		19.5	16.5		ug/L		85	17 - 168	29	87
Dibenz(a,h)anthracene	<0.20		19.5	18.6		ug/L		96	1 - 227	30	126
Fluoranthene	<0.20		19.5	19.1		ug/L		98	26 - 137	37	66
Fluorene	<0.20		19.5	16.8		ug/L		86	59 - 121	30	38
Indeno[1,2,3-cd]pyrene	<0.20		19.5	17.2		ug/L		88	1 - 171	33	99
Naphthalene	<0.20		19.5	11.2		ug/L		57	21 - 133	13	65

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

Lab Sample ID: 380-245147-A-1-B MSD
Matrix: Water
Analysis Batch: 827650

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 825085

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	<0.20		19.5	17.5		ug/L		90	54 - 120	38	39
Pyrene	<0.20	*-	19.5	15.8		ug/L		81	52 - 120	32	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*
2-Fluorobiphenyl (Surr)	*77*		*31 - 120*
2-Fluorophenol (Surr)	*52*		*17 120*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*
Phenol-d6 (Surr)	*35*		*10 - 120*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*

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

Lab Sample ID: MB 570-828294/6
Matrix: Water
Analysis Batch: 828294

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			11/07/26 12:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*		*11/07/26 12:41*	*1*

Lab Sample ID: LCS 570-828294/3
Matrix: Water
Analysis Batch: 828294

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	412		ug/L		103	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*

Lab Sample ID: LCSD 570-828294/4
Matrix: Water
Analysis Batch: 828294

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	408		ug/L		102	78 - 120	1	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*38 - 134*

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

Lab Sample ID: MRL 570-828294/5
Matrix: Water
Analysis Batch: 828294

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	12.1		ug/L		121	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: 380-245147-B-1 MS
Matrix: Water
Analysis Batch: 828294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)	<10		400	399		ug/L		100	68 - 122		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*68*		*38 - 134*

Lab Sample ID: 380-245147-B-1 MSD
Matrix: Water
Analysis Batch: 828294

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	<10		400	382		ug/L		96	68 - 122	4	18

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

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

Lab Sample ID: MB 570-824865/1-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824865

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1
C8-C18	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 130*	*11/01/26 13:48*	*11/07/26 22:16*	*1*

Lab Sample ID: LCS 570-824865/2-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1000		ug/L		63	56 - 127		

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

Lab Sample ID: LCS 570-824865/2-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	79		60 - 130

Lab Sample ID: LCSD 570-824865/3-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 824865

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1320	*1	ug/L		82	56 - 127	27	23

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

Lab Sample ID: MRL 570-824865/4-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

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

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	84		60 - 130

Lab Sample ID: 380-245147-C-1-A MS
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 824865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	*1 F1	1620	871	F1	ug/L		54	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	70		60 - 130

Lab Sample ID: 380-245147-C-1-B MSD
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 824865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	*1 F1	1650	981	F1	ug/L		59	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	82		60 - 130

QC Association Summary

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

GC/MS Semi VOA

Prep Batch: 262469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	
MB 380-262469/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-262469/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-262469/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-262469/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-245129-1 MS	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	
380-245230-Q-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 262826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	262469
MB 380-262469/21-A	Method Blank	Total/NA	Water	525.2	262469
LCS 380-262469/23-A	Lab Control Sample	Total/NA	Water	525.2	262469
LCSD 380-262469/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	262469
MRL 380-262469/22-A	Lab Control Sample	Total/NA	Water	525.2	262469
380-245129-1 MS	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	262469
380-245230-Q-1-A DU	Duplicate	Total/NA	Water	525.2	262469

Prep Batch: 825085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1	
MB 570-825085/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-825085/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-825085/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-245147-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-245147-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 827650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1 SIM	825085
MB 570-825085/1-A	Method Blank	Total/NA	Water	625.1 SIM	825085
LCS 570-825085/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	825085
LCSD 570-825085/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	825085
380-245147-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	825085
380-245147-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	825085

Analysis Batch: 829653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1	825085
MB 570-825085/1-A	Method Blank	Total/NA	Water	625.1	825085

GC VOA

Analysis Batch: 828294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B GRO LL	
380-245129-2	TB: HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B GRO LL	
MB 570-828294/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-828294/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-828294/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-828294/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	

GC VOA (Continued)

Analysis Batch: 828294 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245147-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-245147-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 824865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	3510C	
MB 570-824865/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-824865/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-824865/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-824865/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-245147-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-245147-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 828440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245129-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B	824865
MB 570-824865/1-A	Method Blank	Total/NA	Water	8015B	824865
LCS 570-824865/2-A	Lab Control Sample	Total/NA	Water	8015B	824865
LCSD 570-824865/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	824865
MRL 570-824865/4-A	Lab Control Sample	Total/NA	Water	8015B	824865
380-245147-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	824865
380-245147-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	824865

Lab Chronicle

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-245129-1

Date Collected: 10/27/26 09:30
Matrix: Water
Date Received: 10/29/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			262469	H3MJ	EA POM	10/30/26 09:49
Total/NA	Analysis	525.2		1	262826	Q8LA	EA POM	11/02/26 15:43
Total/NA	Prep	625.1			825085	KLZQ	EET CAL 4	11/02/26 08:16
Total/NA	Analysis	625.1		1	829653	S4EA	EET CAL 4	11/10/26 15:50
Total/NA	Prep	625.1			825085	KLZQ	EET CAL 4	11/02/26 08:16
Total/NA	Analysis	625.1 SIM		1	827650	PQS1	EET CAL 4	11/06/26 11:45
Total/NA	Analysis	8015B GRO LL		1	828294	W4LC	EET CAL 4	11/07/26 13:13
Total/NA	Prep	3510C			824865	ATRL	EET CAL 4	11/01/26 13:49
Total/NA	Analysis	8015B		1	828440	H6FE	EET CAL 4	11/08/26 03:16

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-245129-2

Date Collected: 10/27/26 09:30
Matrix: Water
Date Received: 10/29/26 10:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	828294	W4LC	EET CAL 4	11/07/26 20:26

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: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

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	01-31-27

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

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-16-26
California	Los Angeles County Sanitation Districts	9257304	07-31-28
California	SCAQMD LAP	17LA0919	11-30-26

Accreditation/Certification Summary

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

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	07-31-28
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	07-31-27
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	01-01-27
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-11-27

Method Summary

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

Job ID: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

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: 380-245129-1
SDG: Weekly: Halawa Shaft Viewing Pool

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-245129-1	HALAWA SHAFT VIEWING POOL	Water	10/27/26 09:30	10/29/26 10:05	Hawaii
380-245129-2	TB: HALAWA SHAFT VIEWING POOL	Water	10/27/26 09:30	10/29/26 10:05	Hawaii

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

Chain of Custody Record

eurofins | Env

380-245129 COC

Client Information	Sampler: Kai Edison	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:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1; 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges: C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	R	RA	Q	QA	X	
HALAWA SHAFT VIEWING POOL	27-Oct-2026	9:30	G	Water			2	3	2	2		
TB: HALAWA SHAFT VIEWING POOL	27-Oct-2026	9:30	G	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: Fed Ex

	Relinquished by: [redacted]	Date/Time: 10/28/26 12:00	Company: HBWS	Received by: Mark Kuruta	Date/Time: 10/29/26 1005	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: (B314) 1.4+0.2=1.6 gel-frozen

Ver: 04/02/2024

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

SHIP DATE: 28OCT26
ACTWGT: 56.00 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/A338/4848

FedEx Express

J22926015951uv

THU - 29 OCT 10:30A
PRIORITY OVERNIGHT

3 of 4
MPS# 0263 8793 8616 7149
Mstr# 8793 8616 7127

0201

91768
ONT
CA-US

WM ONTA

(631A) 5.2 + 0.2 = 5.4 gal - ID 269

Mark Urrutia 10/29/26 1005

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
245129

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-399215.1
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 #: 380-245129-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 11/9/2026			
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=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_DRO_LL_CS/3510C_LLHNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	625.1_SIM/625_Prep(MOD) Extended PAH List	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
HALAWA SHAFT VIEWING POOL (380-245129-1)	10/27/26	09:30 Hawaiian	G	Water			X	X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: HALAWA SHAFT VIEWING POOL (380-245129-2)	10/27/26	09:30 Hawaiian	G	Water				X			2	MRLs are needed. Confirm any hits >RL.

380-245129 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:

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: [illegible] Montemurro	10/29/26 1630	ECAP	[illegible] Leos	10/29/26 16:35	ECAP
Relinquished by: [illegible] Leos	10.29.26 17:50	ECAP	[illegible]	10/29/26 1750	ECAP
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: 1.5/1.3 FR-9

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-245129-1
SDG Number: Weekly: Halawa Shaft Viewing Pool

Login Number: 245129
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: 380-245129-1
SDG Number: Weekly: Halawa Shaft Viewing Pool

Login Number: 245129
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 10/30/26 01:59 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	1.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	