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ANALYTICAL REPORT

PREPARED FOR

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630 South Beretania Street
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Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Weekly: Halawa Shaft Viewing Pool

JOB NUMBER

380-246775-1

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



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Authorized for release by
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Qualifiers

GC/MS Semi VOA

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

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
380-246775-1

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 11/6/2026 10:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.1°C.

GC/MS Semi VOA
Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-829694.

Method 625.1 SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-829694.

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 laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-829707. Method: 8015B_DRO

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: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL — Lab Sample ID: 380-246775-1

No Detections.

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL — Lab Sample ID: 380-246775-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL
Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Lab Sample ID: 380-246775-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2,4'-DDD	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2,4'-DDE	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2,4'-DDT	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2,4-Dinitrotoluene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2,6-Dinitrotoluene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
2-Methylnaphthalene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
4,4'-DDD	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
4,4'-DDE	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
4,4'-DDT	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Acenaphthene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Acenaphthylene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Acetochlor	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Alachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
alpha-BHC	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
alpha-Chlordane	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Anthracene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 18:08	1
Atrazine	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Benz(a)anthracene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Benzo[a]pyrene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 18:08	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 18:08	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 18:08	1
beta-BHC	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		11/09/26 12:04	11/10/26 18:08	1
Bromacil	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Butachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Butylbenzylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 18:08	1
Chlorobenzilate	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Chloroneb	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Chlorpyrifos	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Chrysene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 18:08	1
delta-BHC	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		11/09/26 12:04	11/10/26 18:08	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Dieldrin	<0.0098		0.0098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Diethylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 18:08	1
Dimethylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 18:08	1
Di-n-butyl phthalate	<0.98		0.98		ug/L		11/09/26 12:04	11/10/26 18:08	1
Di-n-octyl phthalate	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Endosulfan I (Alpha)	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Endosulfan II (Beta)	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Endosulfan sulfate	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Endrin	<0.0098		0.0098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Endrin aldehyde	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
EPTC	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Fluoranthene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1

Client Sample ID: HALAWA SHAFT VIEWING POOL
Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Lab Sample ID: 380-246775-1
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
gamma-Chlordane	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Heptachlor	<0.0098		0.0098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Heptachlor epoxide (isomer B)	<0.0098		0.0098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Hexachlorobenzene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Isophorone	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Lindane	<0.0098		0.0098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Malathion	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Methoxychlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Metolachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Molinate	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Naphthalene	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Parathion	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Pendimethalin (Penoxaline)	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Phenanthrene	<0.039		0.039		ug/L		11/09/26 12:04	11/10/26 18:08	1
Propachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Pyrene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Simazine	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Terbacil	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Terbuthylazine	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Thiobencarb	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		11/09/26 12:04	11/10/26 18:08	1
trans-Nonachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 18:08	1
Trifluralin	<0.098		0.098		ug/L		11/09/26 12:04	11/10/26 18:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*11/09/26 12:04*	*11/10/26 18:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*94*		*70 - 130*	*11/09/26 12:04*	*11/10/26 18:08*	*1*
Perylene-d12	*91*		*70 - 130*	*11/09/26 12:04*	*11/10/26 18:08*	*1*
Triphenylphosphate	*97*		*70 - 130*	*11/09/26 12:04*	*11/10/26 18:08*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20	*1	0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
2-Methylnaphthalene	<0.20	*1	0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Acenaphthene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Acenaphthylene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Anthracene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Benzo[a]anthracene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Benzo[a]pyrene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Chrysene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Fluoranthene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-246775-1

Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Naphthalene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Phenanthrene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1
Pyrene	<0.20		0.20		ug/L		11/10/26 14:23	11/13/26 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*	*11/10/26 14:23*	*11/13/26 15:45*	*1*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*	*11/10/26 14:23*	*11/13/26 15:45*	*1*
2-Fluorophenol (Surr)	*37*		*17 - 120*	*11/10/26 14:23*	*11/13/26 15:45*	*1*
Nitrobenzene-d5 (Surr)	*70*		*27 - 120*	*11/10/26 14:23*	*11/13/26 15:45*	*1*
Phenol-d6 (Surr)	*23*		*10 - 120*	*11/10/26 14:23*	*11/13/26 15:45*	*1*
p-Terphenyl-d14 (Surr)	*64*		*45 - 120*	*11/10/26 14:23*	*11/13/26 15:45*	*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*
Cyclic octaatomic sulfur	*24*	*T J N*	*ug/L*		*9.60*	*10544-50-0*	*11/10/26 14:23*	*11/13/26 13:30*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*33 - 139*	*11/10/26 14:23*	*11/13/26 13:30*	*1*
2-Fluorobiphenyl (Surr)	*84*		*33 - 126*	*11/10/26 14:23*	*11/13/26 13:30*	*1*
2-Fluorophenol (Surr)	*44*		*12 - 120*	*11/10/26 14:23*	*11/13/26 13:30*	*1*
Nitrobenzene-d5 (Surr)	*75*		*36 - 120*	*11/10/26 14:23*	*11/13/26 13:30*	*1*
Phenol-d6 (Surr)	*26*		*10 - 120*	*11/10/26 14:23*	*11/13/26 13:30*	*1*
p-Terphenyl-d14 (Surr)	*96*		*47 - 131*	*11/10/26 14:23*	*11/13/26 13:30*	*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			11/14/26 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*		*11/14/26 16:31*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		11/10/26 13:55	11/16/26 21:11	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/10/26 13:55	11/16/26 21:11	1
C8-C18	<25		25		ug/L		11/10/26 13:55	11/16/26 21:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 130*	*11/10/26 13:55*	*11/16/26 21:11*	*1*

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-246775-2

Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Matrix: Water

Method: SW846 8015B GRO LL - Gasoline Range Organics - (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			11/14/26 23:09	1

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

Job ID: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL
Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Lab Sample ID: 380-246775-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		38 - 134		11/14/26 23:09	1

Action Limit Summary

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

Job ID: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-246775-1

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		ug/L	0.4	0.0098	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0098		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	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-246775-1
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)							
380-246775-1	HALAWA SHAFT VIEWING POOL	94	91	97							
380-246788-AZ-1-A MS	Matrix Spike	94	93	112							
380-246882-B-1-A DU	Duplicate	97	92	109							
LCS 380-264382/23-A	Lab Control Sample	96	90	112							
MB 380-264382/21-A	Method Blank	94	89	114							
MRL 380-264382/22-A	Lab Control Sample	98	89	106							

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)		
380-246775-1	HALAWA SHAFT VIEWING POOL	86	84	44	75	26	96		
MB 570-829694/1-A	Method Blank	90	99	55	92	32	107		

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)		
380-246775-1	HALAWA SHAFT VIEWING POOL	84	69	37	70	23	64		
LCS 570-829694/2-A	Lab Control Sample	74	68	37	48	24	82		
LCSD 570-829694/3-A	Lab Control Sample Dup	78	80	57	63	35	85		
MB 570-829694/1-A	Method Blank	86	79	46	84	27	66		

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: 380-246775-1
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)
380-246391-B-1 MS	Matrix Spike	101
380-246391-B-1 MSD	Matrix Spike Duplicate	102
380-246775-1	HALAWA SHAFT VIEWING POOL	95
380-246775-2	TB: HALAWA SHAFT VIEWING POOL	89
LCS 570-832103/3	Lab Control Sample	100
LCSD 570-832103/4	Lab Control Sample Dup	84
MB 570-832103/6	Method Blank	96
MRL 570-832103/5	Lab Control Sample	92

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)
380-246775-1 - RA	HALAWA SHAFT VIEWING POOL	94
LCS 570-829707/2-A	Lab Control Sample	102
LCSD 570-829707/3-A	Lab Control Sample Dup	92
MB 570-829707/1-A	Method Blank	98
MRL 570-829707/4-A	Lab Control Sample	85

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-264382/21-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 264382

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2,4'-DDD	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2,4'-DDE	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2,4'-DDT	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
2-Methylnaphthalene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
4,4'-DDD	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
4,4'-DDE	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
4,4'-DDT	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Acenaphthene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Acenaphthylene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Acetochlor	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Alachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
alpha-BHC	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
alpha-Chlordane	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Anthracene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 14:04	1
Atrazine	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Benz(a)anthracene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Benzo[a]pyrene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 14:04	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 14:04	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 14:04	1
beta-BHC	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59		ug/L		11/09/26 12:04	11/10/26 14:04	1
Bromacil	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Butachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Butylbenzylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 14:04	1
Chlorobenzilate	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Chloroneb	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Chlorpyrifos	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Chrysene	<0.020		0.020		ug/L		11/09/26 12:04	11/10/26 14:04	1
delta-BHC	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Di(2-ethylhexyl)adipate	<0.59		0.59		ug/L		11/09/26 12:04	11/10/26 14:04	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Dieldrin	<0.0099		0.0099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Diethylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 14:04	1
Dimethylphthalate	<0.49		0.49		ug/L		11/09/26 12:04	11/10/26 14:04	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		11/09/26 12:04	11/10/26 14:04	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Endosulfan sulfate	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Endrin	<0.0099		0.0099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Endrin aldehyde	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
EPTC	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1

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

Lab Sample ID: MB 380-264382/21-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 264382

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Fluorene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
gamma-Chlordane	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Heptachlor	<0.0099		0.0099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Hexachlorobenzene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Isophorone	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Lindane	<0.0099		0.0099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Malathion	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Methoxychlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Metolachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Molinate	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Naphthalene	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Parathion	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Phenanthrene	<0.040		0.040		ug/L		11/09/26 12:04	11/10/26 14:04	1
Propachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Pyrene	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Simazine	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Terbacil	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Terbuthylazine	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Thiobencarb	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		11/09/26 12:04	11/10/26 14:04	1
trans-Nonachlor	<0.049		0.049		ug/L		11/09/26 12:04	11/10/26 14:04	1
Trifluralin	<0.099		0.099		ug/L		11/09/26 12:04	11/10/26 14:04	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane	*4.95*	*T J N*	*ug/L*		*3.11*	*1120-21-4*	*11/09/26 12:04*	*11/10/26 14:04*	*1*
Plumbane, diethyldimethyl-	*0.603*	*T J N*	*ug/L*		*3.24*	*1762-27-2*	*11/09/26 12:04*	*11/10/26 14:04*	*1*
Cyclohexasiloxane, dodecamethyl-	*0.501*	*T J N*	*ug/L*		*3.85*	*540-97-6*	*11/09/26 12:04*	*11/10/26 14:04*	*1*
9-Octadecenamide, (Z)-	*5.05*	*T J N*	*ug/L*		*7.82*	*301-02-0*	*11/09/26 12:04*	*11/10/26 14:04*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*94*		*70 - 130*	*11/09/26 12:04*	*11/10/26 14:04*	*1*
Perylene-d12	*89*		*70 - 130*	*11/09/26 12:04*	*11/10/26 14:04*	*1*
Triphenylphosphate	*114*		*70 - 130*	*11/09/26 12:04*	*11/10/26 14:04*	*1*

Lab Sample ID: LCS 380-264382/23-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.97	1.96		ug/L		100	70 - 130
2,4'-DDD	1.97	2.05		ug/L		104	70 - 130
2,4'-DDE	1.97	2.00		ug/L		102	70 - 130
2,4'-DDT	1.97	2.05		ug/L		104	70 - 130

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

Lab Sample ID: LCS 380-264382/23-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dinitrotoluene	1.97	1.96		ug/L		100	70 - 130
2,6-Dinitrotoluene	1.97	2.02		ug/L		102	70 - 130
2-Methylnaphthalene	1.97	1.96		ug/L		100	70 - 130
4,4'-DDD	1.97	2.18		ug/L		111	70 - 130
4,4'-DDE	1.97	2.00		ug/L		101	70 - 130
4,4'-DDT	1.97	2.09		ug/L		106	70 - 130
Acenaphthene	1.97	1.93		ug/L		98	70 - 130
Acenaphthylene	1.97	1.74		ug/L		88	70 - 130
Acetochlor	1.97	2.02		ug/L		103	70 - 130
Alachlor	1.97	2.03		ug/L		103	70 - 130
alpha-BHC	1.97	2.04		ug/L		104	70 - 130
alpha-Chlordane	1.97	1.95		ug/L		99	70 - 130
Anthracene	1.97	1.76		ug/L		89	70 - 130
Atrazine	1.97	2.11		ug/L		108	70 - 130
Benz(a)anthracene	1.97	2.13		ug/L		108	70 - 130
Benzo[a]pyrene	1.97	1.95		ug/L		99	70 - 130
Benzo[b]fluoranthene	1.97	1.99		ug/L		101	70 - 130
Benzo[g,h,i]perylene	1.97	1.77		ug/L		90	70 - 130
Benzo[k]fluoranthene	1.97	2.02		ug/L		103	70 - 130
beta-BHC	1.97	2.07		ug/L		105	70 - 130
Bis(2-ethylhexyl) phthalate	1.97	1.91		ug/L		97	70 - 130
Bromacil	1.97	2.09		ug/L		106	70 - 130
Butachlor	1.97	2.15		ug/L		109	70 - 130
Butylbenzylphthalate	1.97	2.31		ug/L		118	70 - 130
Chlorobenzilate	1.97	2.16		ug/L		110	70 - 130
Chloroneb	1.97	1.99		ug/L		101	70 - 130
Chlorothalonil (Draconil, Bravo)	1.97	1.97		ug/L		100	70 - 130
Chlorpyrifos	1.97	2.07		ug/L		105	70 - 130
Chrysene	1.97	2.01		ug/L		102	70 - 130
delta-BHC	1.97	2.02		ug/L		103	70 - 130
Di(2-ethylhexyl)adipate	1.97	2.21		ug/L		112	70 - 130
Dibenz(a,h)anthracene	1.97	1.74		ug/L		88	70 - 130
Diclorvos (DDVP)	1.97	1.90		ug/L		96	70 - 130
Dieldrin	1.97	1.98		ug/L		101	70 - 130
Diethylphthalate	1.97	2.23		ug/L		113	70 - 130
Dimethylphthalate	1.97	2.01		ug/L		102	70 - 130
Di-n-butyl phthalate	3.93	4.14		ug/L		105	70 - 130
Di-n-octyl phthalate	1.97	1.85		ug/L		94	70 - 130
Endosulfan I (Alpha)	1.97	2.02		ug/L		103	70 - 130
Endosulfan II (Beta)	1.97	2.03		ug/L		103	70 - 130
Endosulfan sulfate	1.97	1.98		ug/L		101	70 - 130
Endrin	1.97	2.11		ug/L		107	70 - 130
Endrin aldehyde	1.97	1.97		ug/L		100	60 - 130
EPTC	1.97	1.96		ug/L		100	70 - 130
Fluoranthene	1.97	2.06		ug/L		105	70 - 130
Fluorene	1.97	2.02		ug/L		103	70 - 130
gamma-Chlordane	1.97	2.06		ug/L		105	70 - 130
Heptachlor	1.97	1.96		ug/L		100	70 - 130
Heptachlor epoxide (isomer B)	1.97	1.96		ug/L		100	70 - 130

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

Lab Sample ID: LCS 380-264382/23-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobenzene	1.97	1.89		ug/L		96	70 - 130
Hexachlorocyclopentadiene	1.97	1.91		ug/L		97	70 - 130
Indeno[1,2,3-cd]pyrene	1.97	1.78		ug/L		91	70 - 130
Isophorone	1.97	1.94		ug/L		98	70 - 130
Lindane	1.97	2.03		ug/L		103	70 - 130
Malathion	1.97	2.07		ug/L		105	70 - 130
Methoxychlor	1.97	2.10		ug/L		107	70 - 130
Metolachlor	1.97	2.04		ug/L		103	70 - 130
Molinate	1.97	1.97		ug/L		100	70 - 130
Naphthalene	1.97	1.87		ug/L		95	70 - 130
Parathion	1.97	2.22		ug/L		113	70 - 130
Pendimethalin (Penoxaline)	1.97	2.10		ug/L		107	70 - 130
Phenanthrene	1.97	1.94		ug/L		99	70 - 130
Propachlor	1.97	2.11		ug/L		107	70 - 130
Pyrene	1.97	2.08		ug/L		106	70 - 130
Simazine	1.97	2.16		ug/L		110	70 - 130
Terbacil	1.97	2.18		ug/L		111	70 - 130
Terbuthylazine	1.97	2.15		ug/L		109	70 - 130
Thiobencarb	1.97	2.13		ug/L		108	70 - 130
trans-Nonachlor	1.97	1.91		ug/L		97	70 - 130
Trifluralin	1.97	2.00		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*90*		*70 - 130*
Triphenylphosphate	*112*		*70 - 130*

Lab Sample ID: MRL 380-264382/22-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0983	0.0961	J	ug/L		98	50 - 150
2,4'-DDD	0.0983	0.0958	J	ug/L		98	50 - 150
2,4'-DDE	0.0983	0.104		ug/L		106	50 - 150
2,4'-DDT	0.0983	0.111		ug/L		113	50 - 150
2,4-Dinitrotoluene	0.0983	0.0865	J	ug/L		88	50 - 150
2,6-Dinitrotoluene	0.0983	0.0996		ug/L		101	50 - 150
2-Methylnaphthalene	0.0983	0.0957	J	ug/L		97	50 - 150
4,4'-DDD	0.0983	0.112		ug/L		114	50 - 150
4,4'-DDE	0.0983	0.105		ug/L		107	50 - 150
4,4'-DDT	0.0983	0.116		ug/L		118	50 - 150
Acenaphthene	0.0983	0.0935	J	ug/L		95	50 - 150
Acenaphthylene	0.0983	0.0707	J	ug/L		72	50 - 150
Acetochlor	0.0983	0.107		ug/L		109	50 - 150
Alachlor	0.0491	0.0517		ug/L		105	50 - 150
alpha-BHC	0.0983	0.101		ug/L		102	50 - 150
alpha-Chlordane	0.0246	0.0296	J	ug/L		120	50 - 150

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

Lab Sample ID: MRL 380-264382/22-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	0.0197	0.0214		ug/L		109	50 - 150
Atrazine	0.0491	0.0536		ug/L		109	50 - 150
Benz(a)anthracene	0.0491	0.0547		ug/L		111	50 - 150
Benzo[a]pyrene	0.0197	0.0171	J	ug/L		87	50 - 150
Benzo[b]fluoranthene	0.0197	0.0198	J	ug/L		101	50 - 150
Benzo[g,h,i]perylene	0.0491	0.0458	J	ug/L		93	50 - 150
Benzo[k]fluoranthene	0.0197	0.0205		ug/L		104	50 - 150
beta-BHC	0.0983	0.107		ug/L		109	50 - 150
Bis(2-ethylhexyl) phthalate	0.590	0.660		ug/L		112	50 - 150
Bromacil	0.0983	0.122		ug/L		124	50 - 150
Butachlor	0.0491	0.0577		ug/L		117	50 - 150
Butylbenzylphthalate	0.491	0.637		ug/L		130	50 - 150
Chlorobenzilate	0.0983	0.112		ug/L		113	50 - 150
Chloroneb	0.0983	0.114		ug/L		116	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0983	0.105		ug/L		107	50 - 150
Chlorpyrifos	0.0491	0.0565		ug/L		115	50 - 150
Chrysene	0.0197	0.0214		ug/L		109	50 - 150
delta-BHC	0.0983	0.115		ug/L		117	50 - 150
Di(2-ethylhexyl)adipate	0.590	0.734		ug/L		124	50 - 150
Dibenz(a,h)anthracene	0.0491	0.0465	J	ug/L		95	50 - 150
Diclorvos (DDVP)	0.0491	0.0447	J	ug/L		91	50 - 150
Dieldrin	0.00983	0.00706	J	ug/L		72	50 - 150
Diethylphthalate	0.491	0.652		ug/L		133	50 - 150
Dimethylphthalate	0.491	0.521		ug/L		106	50 - 150
Di-n-butyl phthalate	0.491	0.542	J	ug/L		110	49 - 243
Di-n-octyl phthalate	0.0983	0.0905	J	ug/L		92	50 - 150
Endosulfan I (Alpha)	0.0983	0.0892	J	ug/L		91	50 - 150
Endosulfan II (Beta)	0.0983	0.0982		ug/L		100	50 - 150
Endosulfan sulfate	0.0983	0.109		ug/L		111	50 - 150
Endrin	0.00983	0.0112		ug/L		114	50 - 150
Endrin aldehyde	0.0983	0.102		ug/L		104	50 - 150
EPTC	0.0983	0.0941	J	ug/L		96	50 - 150
Fluoranthene	0.0983	0.102		ug/L		103	50 - 150
Fluorene	0.0491	0.0499		ug/L		102	50 - 150
gamma-Chlordane	0.0246	0.0280	J	ug/L		114	50 - 150
Heptachlor	0.00983	0.00917	J	ug/L		93	50 - 150
Heptachlor epoxide (isomer B)	0.00983	0.0137		ug/L		140	50 - 150
Hexachlorobenzene	0.0491	0.0465	J	ug/L		95	50 - 150
Hexachlorocyclopentadiene	0.0491	0.0423	J	ug/L		86	50 - 150
Indeno[1,2,3-cd]pyrene	0.0491	0.0455	J	ug/L		93	50 - 150
Isophorone	0.0983	0.0942	J	ug/L		96	50 - 150
Lindane	0.00983	0.0126		ug/L		128	50 - 150
Malathion	0.0983	0.112		ug/L		114	50 - 150
Methoxychlor	0.0491	0.0555		ug/L		113	50 - 150
Metolachlor	0.0491	0.0539		ug/L		110	50 - 150
Molinate	0.0983	0.113		ug/L		115	50 - 150
Naphthalene	0.0983	0.0895	J	ug/L		91	50 - 150
Parathion	0.0983	0.0983		ug/L		100	50 - 150
Pendimethalin (Penoxaline)	0.0983	0.0975	J	ug/L		99	50 - 150

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

Lab Sample ID: MRL 380-264382/22-A
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 264382

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Phenanthrene			0.0393	0.0414		ug/L		105	50 - 150		
Propachlor			0.0491	0.0534		ug/L		109	50 - 150		
Pyrene			0.0491	0.0515		ug/L		105	50 - 150		
Simazine			0.0491	0.0595		ug/L		121	50 - 150		
Terbacil			0.0983	0.107		ug/L		109	50 - 150		
Terbuthylazine			0.0983	0.110		ug/L		112	50 - 150		
Thiobencarb			0.0983	0.113		ug/L		115	50 - 150		
trans-Nonachlor			0.0246	0.0275	J	ug/L		112	50 - 150		
Trifluralin			0.0983	0.0989		ug/L		101	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*89*		*70 - 130*
Triphenylphosphate	*106*		*70 - 130*

Lab Sample ID: 380-246788-AZ-1-A MS
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene	<0.096		1.90	1.93		ug/L		101	70 - 130		
2,4'-DDD	<0.096		1.90	2.02		ug/L		106	70 - 130		
2,4'-DDE	<0.096		1.90	1.93		ug/L		102	70 - 130		
2,4'-DDT	<0.096		1.90	2.02		ug/L		106	70 - 130		
2,4-Dinitrotoluene	<0.096		1.90	2.16		ug/L		114	70 - 130		
2,6-Dinitrotoluene	<0.096		1.90	2.10		ug/L		111	70 - 130		
2-Methylnaphthalene	<0.096		1.90	1.91		ug/L		101	70 - 130		
4,4'-DDD	<0.096		1.90	2.16		ug/L		114	70 - 130		
4,4'-DDE	<0.096		1.90	1.93		ug/L		101	70 - 130		
4,4'-DDT	<0.096		1.90	2.05		ug/L		108	70 - 130		
Acenaphthene	<0.096		1.90	1.92		ug/L		101	70 - 130		
Acenaphthylene	<0.096		1.90	1.74		ug/L		92	70 - 130		
Acetochlor	<0.096		1.90	2.04		ug/L		107	70 - 130		
Alachlor	<0.048		1.90	2.07		ug/L		109	70 - 130		
alpha-BHC	<0.096		1.90	2.00		ug/L		105	70 - 130		
alpha-Chlordane	<0.048		1.90	2.04		ug/L		107	70 - 130		
Anthracene	<0.019	F1	1.90	1.15	F1	ug/L		60	70 - 130		
Atrazine	<0.048		1.90	2.22		ug/L		116	70 - 130		
Benz(a)anthracene	<0.048		1.90	1.99		ug/L		105	70 - 130		
Benzo[a]pyrene	<0.019		1.90	1.63		ug/L		86	70 - 130		
Benzo[b]fluoranthene	<0.019		1.90	2.02		ug/L		106	70 - 130		
Benzo[g,h,i]perylene	<0.048		1.90	1.84		ug/L		97	70 - 130		
Benzo[k]fluoranthene	<0.019		1.90	1.95		ug/L		102	70 - 130		
beta-BHC	<0.096		1.90	2.16		ug/L		114	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.57		1.90	1.92		ug/L		101	70 - 130		
Bromacil	<0.096		1.90	2.19		ug/L		115	70 - 130		
Butachlor	<0.048		1.90	2.23		ug/L		117	70 - 130		
Butylbenzylphthalate	<0.48		1.90	2.32		ug/L		122	70 - 130		

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

Lab Sample ID: 380-246788-AZ-1-A MS
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzilate	<0.096		1.90	2.16		ug/L		114	70 - 130
Chloroneb	<0.096		1.90	2.01		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.096		1.90	2.04		ug/L		107	70 - 130
Chlorpyrifos	<0.048		1.90	2.11		ug/L		111	70 - 130
Chrysene	<0.019		1.90	2.00		ug/L		105	70 - 130
delta-BHC	<0.096		1.90	2.06		ug/L		108	70 - 130
Di(2-ethylhexyl)adipate	<0.57		1.90	2.17		ug/L		114	70 - 130
Dibenz(a,h)anthracene	<0.048		1.90	1.82		ug/L		96	70 - 130
Diclorvos (DDVP)	<0.048		1.90	1.85		ug/L		97	70 - 130
Dieldrin	<0.0096		1.90	1.92		ug/L		101	70 - 130
Diethylphthalate	<0.48		1.90	2.17		ug/L		114	70 - 130
Dimethylphthalate	<0.48		1.90	2.09		ug/L		110	70 - 130
Di-n-butyl phthalate	<0.96		3.80	4.11		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.096		1.90	1.96		ug/L		103	70 - 130
Endosulfan I (Alpha)	<0.096		1.90	1.98		ug/L		104	70 - 130
Endosulfan II (Beta)	<0.096		1.90	2.04		ug/L		107	70 - 130
Endosulfan sulfate	<0.096		1.90	1.89		ug/L		100	70 - 130
Endrin	<0.0096		1.90	2.04		ug/L		107	70 - 130
Endrin aldehyde	<0.096		1.90	1.71		ug/L		90	60 - 130
EPTC	<0.096		1.90	1.91		ug/L		101	70 - 130
Fluoranthene	<0.096		1.90	2.09		ug/L		110	70 - 130
Fluorene	<0.048		1.90	2.00		ug/L		105	70 - 130
gamma-Chlordane	<0.048		1.90	2.14		ug/L		112	70 - 130
Heptachlor	<0.0096		1.90	1.83		ug/L		96	70 - 130
Heptachlor epoxide (isomer B)	<0.0096		1.90	1.99		ug/L		105	70 - 130
Hexachlorobenzene	<0.048		1.90	1.87		ug/L		98	70 - 130
Hexachlorocyclopentadiene	<0.048		1.90	1.87		ug/L		98	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.90	1.88		ug/L		99	70 - 130
Isophorone	<0.096		1.90	1.91		ug/L		100	70 - 130
Lindane	<0.0096		1.90	1.98		ug/L		104	70 - 130
Malathion	<0.096		1.90	2.14		ug/L		112	70 - 130
Methoxychlor	<0.048		1.90	2.11		ug/L		111	70 - 130
Metolachlor	<0.048		1.90	2.08		ug/L		110	70 - 130
Molinate	<0.096		1.90	2.04		ug/L		107	70 - 130
Naphthalene	<0.096		1.90	1.82		ug/L		95	70 - 130
Parathion	<0.096		1.90	2.21		ug/L		116	70 - 130
Pendimethalin (Penoxaline)	<0.096		1.90	2.08		ug/L		110	70 - 130
Phenanthrene	<0.038		1.90	1.96		ug/L		103	70 - 130
Propachlor	<0.048		1.90	2.11		ug/L		111	70 - 130
Pyrene	<0.048		1.90	2.11		ug/L		111	70 - 130
Simazine	<0.048		1.90	2.28		ug/L		120	70 - 130
Terbacil	<0.096		1.90	2.29		ug/L		120	70 - 130
Terbuthylazine	<0.096		1.90	2.29		ug/L		120	70 - 130
Thiobencarb	<0.096		1.90	2.14		ug/L		113	70 - 130
trans-Nonachlor	<0.048		1.90	2.01		ug/L		106	70 - 130
Trifluralin	<0.096		1.90	1.90		ug/L		100	70 - 130

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

Lab Sample ID: 380-246788-AZ-1-A MS
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 264382

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Nitro-m-xylene	94		70 - 130
Perylene-d12	93		70 - 130
Triphenylphosphate	112		70 - 130

Lab Sample ID: 380-246882-B-1-A DU
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
1-Methylnaphthalene	<0.10			<0.098		ug/L				NC	20
2,4'-DDD	<0.10			<0.098		ug/L				NC	20
2,4'-DDE	<0.10			<0.098		ug/L				NC	20
2,4'-DDT	<0.10			<0.098		ug/L				NC	20
2,4-Dinitrotoluene	<0.10			<0.098		ug/L				NC	20
2,6-Dinitrotoluene	<0.10			<0.098		ug/L				NC	20
2-Methylnaphthalene	<0.10			<0.098		ug/L				NC	20
4,4'-DDD	<0.10			<0.098		ug/L				NC	20
4,4'-DDE	<0.10			<0.098		ug/L				NC	20
4,4'-DDT	<0.10			<0.098		ug/L				NC	20
Acenaphthene	<0.10			<0.098		ug/L				NC	20
Acenaphthylene	<0.10			<0.098		ug/L				NC	20
Acetochlor	<0.10			<0.098		ug/L				NC	20
Alachlor	<0.050			<0.049		ug/L				NC	20
alpha-BHC	<0.10			<0.098		ug/L				NC	20
alpha-Chlordane	<0.050			<0.049		ug/L				NC	20
Anthracene	<0.020			<0.020		ug/L				NC	20
Atrazine	<0.050			<0.049		ug/L				NC	20
Benz(a)anthracene	<0.050			<0.049		ug/L				NC	20
Benzo[a]pyrene	<0.020			<0.020		ug/L				NC	20
Benzo[b]fluoranthene	<0.020			<0.020		ug/L				NC	20
Benzo[g,h,i]perylene	<0.050			<0.049		ug/L				NC	20
Benzo[k]fluoranthene	<0.020			<0.020		ug/L				NC	20
beta-BHC	<0.10			<0.098		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.60			<0.59		ug/L				NC	20
Bromacil	<0.10			<0.098		ug/L				NC	20
Butachlor	<0.050			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.50			<0.49		ug/L				NC	20
Chlorobenzilate	<0.10			<0.098		ug/L				NC	20
Chloroneb	<0.10			<0.098		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.10			<0.098		ug/L				NC	20
Chlorpyrifos	<0.050			<0.049		ug/L				NC	20
Chrysene	<0.020			<0.020		ug/L				NC	20
delta-BHC	<0.10			<0.098		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.60			<0.59		ug/L				NC	20
Dibenz(a,h)anthracene	<0.050			<0.049		ug/L				NC	20
Diclorvos (DDVP)	<0.050			<0.049		ug/L				NC	20
Dieldrin	<0.010			<0.0098		ug/L				NC	20
Diethylphthalate	<0.50			<0.49		ug/L				NC	20

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

Lab Sample ID: 380-246882-B-1-A DU
Matrix: Water
Analysis Batch: 264676

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 264382

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Dimethylphthalate	<0.50			<0.49		ug/L				NC	20
Di-n-butyl phthalate	<1.0			<0.98		ug/L				NC	20
Di-n-octyl phthalate	<0.10			<0.098		ug/L				NC	20
Endosulfan I (Alpha)	<0.10			<0.098		ug/L				NC	20
Endosulfan II (Beta)	<0.10			<0.098		ug/L				NC	20
Endosulfan sulfate	<0.10			<0.098		ug/L				NC	20
Endrin	<0.010			<0.0098		ug/L				NC	20
Endrin aldehyde	<0.10			<0.098		ug/L				NC	20
EPTC	<0.10			<0.098		ug/L				NC	20
Fluoranthene	<0.10			<0.098		ug/L				NC	20
Fluorene	<0.050			<0.049		ug/L				NC	20
gamma-Chlordane	<0.050			<0.049		ug/L				NC	20
Heptachlor	<0.010			<0.0098		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.010			<0.0098		ug/L				NC	20
Hexachlorobenzene	<0.050			<0.049		ug/L				NC	20
Hexachlorocyclopentadiene	<0.050			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.050			<0.049		ug/L				NC	20
Isophorone	<0.10			<0.098		ug/L				NC	20
Lindane	<0.010			<0.0098		ug/L				NC	20
Malathion	<0.10			<0.098		ug/L				NC	20
Methoxychlor	<0.050			<0.049		ug/L				NC	20
Metolachlor	<0.050			<0.049		ug/L				NC	20
Molinate	<0.10			<0.098		ug/L				NC	20
Naphthalene	<0.10			<0.098		ug/L				NC	20
Parathion	<0.10			<0.098		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.10			<0.098		ug/L				NC	20
Phenanthrene	<0.040			<0.039		ug/L				NC	20
Propachlor	<0.050			<0.049		ug/L				NC	20
Pyrene	<0.050			<0.049		ug/L				NC	20
Simazine	<0.050			<0.049		ug/L				NC	20
Terbacil	<0.10			<0.098		ug/L				NC	20
Terbuthylazine	<0.10			<0.098		ug/L				NC	20
Thiobencarb	<0.10			<0.098		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.20			<0.20		ug/L				NC	20
trans-Nonachlor	<0.050			<0.049		ug/L				NC	20
Trifluralin	<0.10			<0.098		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*92*		*70 - 130*
Triphenylphosphate	*109*		*70 - 130*

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

Lab Sample ID: MB 570-829694/1-A
Matrix: Water
Analysis Batch: 831614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 829694

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	11/10/26 13:40	11/13/26 10:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		33 - 139	11/10/26 13:40	11/13/26 10:40	1
2-Fluorobiphenyl (Surr)	99		33 - 126	11/10/26 13:40	11/13/26 10:40	1
2-Fluorophenol (Surr)	55		12 - 120	11/10/26 13:40	11/13/26 10:40	1
Nitrobenzene-d5 (Surr)	92		36 - 120	11/10/26 13:40	11/13/26 10:40	1
Phenol-d6 (Surr)	32		10 - 120	11/10/26 13:40	11/13/26 10:40	1
p-Terphenyl-d14 (Surr)	107		47 - 131	11/10/26 13:40	11/13/26 10:40	1

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

Lab Sample ID: MB 570-829694/1-A
Matrix: Water
Analysis Batch: 831403

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 829694

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
2-Methylnaphthalene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Acenaphthene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Acenaphthylene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Anthracene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Benzo[a]anthracene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Benzo[a]pyrene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Chrysene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Fluoranthene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Fluorene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Naphthalene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Phenanthrene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1
Pyrene	<0.20		0.20	ug/L		11/10/26 13:40	11/13/26 12:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		28 - 127	11/10/26 13:40	11/13/26 12:25	1
2-Fluorobiphenyl (Surr)	79		31 - 120	11/10/26 13:40	11/13/26 12:25	1
2-Fluorophenol (Surr)	46		17 - 120	11/10/26 13:40	11/13/26 12:25	1
Nitrobenzene-d5 (Surr)	84		27 - 120	11/10/26 13:40	11/13/26 12:25	1
Phenol-d6 (Surr)	27		10 - 120	11/10/26 13:40	11/13/26 12:25	1
p-Terphenyl-d14 (Surr)	66		45 - 120	11/10/26 13:40	11/13/26 12:25	1

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

Lab Sample ID: LCS 570-829694/2-A
Matrix: Water
Analysis Batch: 831403

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829694

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	9.42		ug/L		47	47 - 120		
2-Methylnaphthalene			20.0	9.50		ug/L		47	43 - 120		
Acenaphthene			20.0	13.6		ug/L		68	60 - 132		
Acenaphthylene			20.0	12.8		ug/L		64	54 - 126		
Anthracene			20.0	14.6		ug/L		73	43 - 120		
Benzo[a]anthracene			20.0	16.3		ug/L		82	42 - 133		
Benzo[a]pyrene			20.0	19.3		ug/L		97	32 - 148		
Benzo[b]fluoranthene			20.0	17.6		ug/L		88	42 - 140		
Benzo[g,h,i]perylene			20.0	16.6		ug/L		83	1 - 195		
Benzo[k]fluoranthene			20.0	17.9		ug/L		89	25 - 146		
Chrysene			20.0	16.3		ug/L		81	44 - 140		
Dibenz(a,h)anthracene			20.0	15.8		ug/L		79	1 - 200		
Fluoranthene			20.0	15.7		ug/L		79	43 - 121		
Fluorene			20.0	14.2		ug/L		71	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	16.1		ug/L		80	1 - 151		
Naphthalene			20.0	8.34		ug/L		42	36 - 120		
Phenanthrene			20.0	15.2		ug/L		76	65 - 120		
Pyrene			20.0	16.9		ug/L		84	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*28 - 127*
2-Fluorobiphenyl (Surr)	*68*		*31 - 120*
2-Fluorophenol (Surr)	*37*		*17 - 120*
Nitrobenzene-d5 (Surr)	*48*		*27 - 120*
Phenol-d6 (Surr)	*24*		*10 - 120*
p-Terphenyl-d14 (Surr)	*82*		*45 - 120*

Lab Sample ID: LCSD 570-829694/3-A
Matrix: Water
Analysis Batch: 831403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 829694

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	18	20
2-Methylnaphthalene			20.0	11.3		ug/L		57	43 - 120	18	20
Acenaphthene			20.0	15.8		ug/L		79	60 - 132	15	29
Acenaphthylene			20.0	15.5		ug/L		77	54 - 126	19	45
Anthracene			20.0	16.2		ug/L		81	43 - 120	11	40
Benzo[a]anthracene			20.0	17.5		ug/L		87	42 - 133	7	32
Benzo[a]pyrene			20.0	22.0		ug/L		110	32 - 148	13	43
Benzo[b]fluoranthene			20.0	19.2		ug/L		96	42 - 140	8	43
Benzo[g,h,i]perylene			20.0	17.6		ug/L		88	1 - 195	6	61
Benzo[k]fluoranthene			20.0	19.2		ug/L		96	25 - 146	7	38
Chrysene			20.0	17.3		ug/L		86	44 - 140	6	53
Dibenz(a,h)anthracene			20.0	16.9		ug/L		85	1 - 200	7	75
Fluoranthene			20.0	17.2		ug/L		86	43 - 121	9	40
Fluorene			20.0	15.5		ug/L		77	70 - 120	9	23
Indeno[1,2,3-cd]pyrene			20.0	17.3		ug/L		86	1 - 151	7	60
Naphthalene			20.0	11.0		ug/L		55	36 - 120	27	39

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

Lab Sample ID: LCSD 570-829694/3-A
Matrix: Water
Analysis Batch: 831403

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 829694

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	15.9		ug/L		80	65 - 120	5	24
Pyrene			20.0	17.4		ug/L		87	70 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*
2-Fluorobiphenyl (Surr)	*80*		*31 - 120*
2-Fluorophenol (Surr)	*57*		*17 120*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*
Phenol-d6 (Surr)	*35*		*10 - 120*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*

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

Lab Sample ID: MB 570-832103/6
Matrix: Water
Analysis Batch: 832103

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			11/14/26 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*38 - 134*		*11/14/26 13:07*	*1*

Lab Sample ID: LCS 570-832103/3
Matrix: Water
Analysis Batch: 832103

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	440		ug/L		110	78 - 120		

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

Lab Sample ID: LCSD 570-832103/4
Matrix: Water
Analysis Batch: 832103

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	426		ug/L		106	78 - 120	3	10

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

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

Lab Sample ID: MRL 570-832103/5
Matrix: Water
Analysis Batch: 832103

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	12.3		ug/L		123	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*38 - 134*

Lab Sample ID: 380-246391-B-1 MS
Matrix: Water
Analysis Batch: 832103

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	428		ug/L		107	68 - 122		

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

Lab Sample ID: 380-246391-B-1 MSD
Matrix: Water
Analysis Batch: 832103

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	418		ug/L		105	68 - 122	2	18

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

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

Lab Sample ID: MB 570-829707/1-A
Matrix: Water
Analysis Batch: 832795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 829707

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		11/10/26 13:55	11/16/26 10:51	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/10/26 13:55	11/16/26 10:51	1
C8-C18	<25		25		ug/L		11/10/26 13:55	11/16/26 10:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*60 - 130*	*11/10/26 13:55*	*11/16/26 10:51*	*1*

Lab Sample ID: LCS 570-829707/2-A
Matrix: Water
Analysis Batch: 832795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829707

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1510		ug/L		95	56 - 127		

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

Lab Sample ID: LCS 570-829707/2-A
Matrix: Water
Analysis Batch: 832795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829707

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

Lab Sample ID: LCSD 570-829707/3-A
Matrix: Water
Analysis Batch: 832795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 829707

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1370		ug/L		85	56 - 127	10	23

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	*92*		*60 - 130*

Lab Sample ID: MRL 570-829707/4-A
Matrix: Water
Analysis Batch: 833053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 829707

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28			0.0200	0.0225	J	mg/L		113	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	*85*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 264382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	
MB 380-264382/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-264382/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-264382/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-246788-AZ-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-246882-B-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 264676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	525.2	264382
MB 380-264382/21-A	Method Blank	Total/NA	Water	525.2	264382
LCS 380-264382/23-A	Lab Control Sample	Total/NA	Water	525.2	264382
MRL 380-264382/22-A	Lab Control Sample	Total/NA	Water	525.2	264382
380-246788-AZ-1-A MS	Matrix Spike	Total/NA	Water	525.2	264382
380-246882-B-1-A DU	Duplicate	Total/NA	Water	525.2	264382

Prep Batch: 829694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1	
MB 570-829694/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-829694/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-829694/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 831403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1 SIM	829694
MB 570-829694/1-A	Method Blank	Total/NA	Water	625.1 SIM	829694
LCS 570-829694/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	829694
LCSD 570-829694/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	829694

Analysis Batch: 831614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	625.1	829694
MB 570-829694/1-A	Method Blank	Total/NA	Water	625.1	829694

GC VOA

Analysis Batch: 832103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1	HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B GRO LL	
380-246775-2	TB: HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B GRO LL	
MB 570-832103/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-832103/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-832103/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-832103/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-246391-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-246391-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

QC Association Summary

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

Job ID: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

GC Semi VOA

Prep Batch: 829707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1 - RA	HALAWA SHAFT VIEWING POOL	Total/NA	Water	3510C	
MB 570-829707/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-829707/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-829707/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-829707/4-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 832795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-829707/1-A	Method Blank	Total/NA	Water	8015B	829707
LCS 570-829707/2-A	Lab Control Sample	Total/NA	Water	8015B	829707
LCSD 570-829707/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	829707

Analysis Batch: 833053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-246775-1 - RA	HALAWA SHAFT VIEWING POOL	Total/NA	Water	8015B	829707
MRL 570-829707/4-A	Lab Control Sample	Total/NA	Water	8015B	829707

Lab Chronicle

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

Job ID: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Client Sample ID: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-246775-1

Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			264382	H3MJ	EA POM	11/09/26 12:04
Total/NA	Analysis	525.2		1	264676	Q8LA	EA POM	11/10/26 18:08
Total/NA	Prep	625.1			829694	TIZL	EET CAL 4	11/10/26 14:23
Total/NA	Analysis	625.1		1	831614	J7WE	EET CAL 4	11/13/26 13:30
Total/NA	Prep	625.1			829694	TIZL	EET CAL 4	11/10/26 14:23
Total/NA	Analysis	625.1 SIM		1	831403	PQS1	EET CAL 4	11/13/26 15:45
Total/NA	Analysis	8015B GRO LL		1	832103	W4LC	EET CAL 4	11/14/26 16:31
Total/NA	Prep	3510C	RA		829707	ATRL	EET CAL 4	11/10/26 13:55
Total/NA	Analysis	8015B	RA	1	833053	H6FE	EET CAL 4	11/16/26 21:11

Client Sample ID: TB: HALAWA SHAFT VIEWING POOL

Lab Sample ID: 380-246775-2

Date Collected: 11/04/26 10:30
Date Received: 11/06/26 10:15

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	832103	W4LC	EET CAL 4	11/14/26 23:09

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: 380-246775-1
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	11-16-27
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: 380-246775-1
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: 380-246775-1
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: 380-246775-1
SDG: Weekly: Halawa Shaft Viewing Pool

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-246775-1	HALAWA SHAFT VIEWING POOL	Water	11/04/26 10:30	11/06/26 10:15	Hawaii
380-246775-2	TB: HALAWA SHAFT VIEWING POOL	Water	11/04/26 10:30	11/06/26 10:15	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: 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=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_CS - HNL Ranges: C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA		
HALAWA SHAFT VIEWING POOL	4-Nov-2026	10:30	G	Water			2	3	2	2		
TB: HALAWA SHAFT VIEWING POOL	4-Nov-2026	10:30	G	Water				2				

380-246775 COC

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: FedX		
Relinquished by: [redacted]	Date/Time: 11/5/26 12:00	Company: HBWS	Received by: Mark Urrutia	Date/Time: 11/6/26 1015	Company: CEAP
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: (63A) 3.0:0.1:3.1 gel. {50280}

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: 05NOV26
ACTWGT: 53.00 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:

58KJ7/60FA/4B4B

FedEx Express

2 of 2
MPS# 0263 8798 1160 4669
Mstr# 8798 1160 4658

FRI - 06 NOV 10:30A
PRIORITY OVERNIGHT

0201

91768
ONT
CA-US

WM ONTA

(63(A) 2.0+0.1=2.1 gal- frozen

Mark Ellaccretta 11/6/26 1015

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 | Env

Loc: 380
246775

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-402335.1
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 #: 380-246775-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 11/17/2026			
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_LL/NRL 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 (380-246775-1)	11/4/26	10:30 Hawaiian	G	Water			X	X	X	X	7	MRLs are needed. Confirm any hits >RL.
TB: HALAWA SHAFT VIEWING POOL (380-246775-2)	11/4/26	10:30 Hawaiian	G	Water				X			2	MRLs are needed. Confirm any hits >RL.

380-246775 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		11/7/26 1124		Manuel Garcia	11/7/26 1126	Waypoint
2	Manuel Garcia	11/7/26 1225	Waypoint			
3					11/7/26 1225	

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0 / 2.2 IR-8

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-246775-1

SDG Number: Weekly: Halawa Shaft Viewing Pool

Login Number: 246775

List Source: Eurofins Pomona

List Number: 1

Creator: Ngo, Theodore

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).	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: 380-246775-1
SDG Number: Weekly: Halawa Shaft Viewing Pool

Login Number: 246775
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 11/09/26 01:32 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	2.2
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	