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ANALYTICAL REPORT

PREPARED FOR

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City & County of Honolulu
630 South Beretania Street
Public Service Bldg. Room 310
Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Weekly
RUSH Weekly Red Hill

JOB NUMBER

380-110669-1

Eurofins Eaton Analytical Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Eurofins Eaton Analytical Pomona

Job Notes

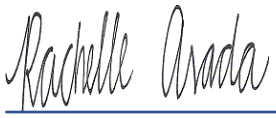
This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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 Eaton Analytical, LLC Project Manager.

Compliance Statement

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

Authorization



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Authorized for release by
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Table of Contents

Definitions/Glossary

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

Job ID: 380-110669-1
SDG: Weekly

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
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
380-110669-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/28/2024 9:54 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.8°C and 4.0°C.

GC/MS Semi VOA
Method 625.1_SIM: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 570-475857 and analytical batch 570-476195: Fluorene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 625.1_SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 570-475857 and analytical batch 570-476731 were outside control limits: HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-110669-1[MS]). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 525.2_PREC: The laboratory control sample (LCS and LCSD) for preparation batch 380-106647 and analytical batch 380-106999 recovered failing low for Bromacil. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the analyte have been excluded from the report due to the results not acceptable for compliance reporting.

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

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

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

Detection Summary

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

Job ID: 380-110669-1
SDG: Weekly

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.039		0.0097		ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.015		0.0097		ug/L	1		525.2	Total/NA

Client Sample ID: TB: HALAWA WELLS UNITS 1&2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-110669-1
SDG: Weekly

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)
Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

Lab Sample ID: 380-110669-1
Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2,4'-DDD	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2,4'-DDE	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2,4'-DDT	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2,4-Dinitrotoluene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2,6-Dinitrotoluene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
2-Methylnaphthalene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
4,4'-DDD	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
4,4'-DDE	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
4,4'-DDT	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Acenaphthene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Acenaphthylene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Acetochlor	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Alachlor	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
alpha-BHC	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
alpha-Chlordane	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Anthracene	<0.019		0.019		ug/L		08/29/24 14:50	08/30/24 17:51	1
Atrazine	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Benz(a)anthracene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Benzo[a]pyrene	<0.019		0.019		ug/L		08/29/24 14:50	08/30/24 17:51	1
Benzo[b]fluoranthene	<0.019		0.019		ug/L		08/29/24 14:50	08/30/24 17:51	1
Benzo[g,h,i]perylene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Benzo[k]fluoranthene	<0.019		0.019		ug/L		08/29/24 14:50	08/30/24 17:51	1
beta-BHC	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Bis(2-ethylhexyl) phthalate	<0.58		0.58		ug/L		08/29/24 14:50	08/30/24 17:51	1
Butachlor	<0.049	^3+	0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Butylbenzylphthalate	<0.49		0.49		ug/L		08/29/24 14:50	08/30/24 17:51	1
Chlorobenzilate	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Chloroneb	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Chlorothalonil (Draconil, Bravo)	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Chlorpyrifos	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Chrysene	<0.019		0.019		ug/L		08/29/24 14:50	08/30/24 17:51	1
delta-BHC	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Di(2-ethylhexyl)adipate	<0.58		0.58		ug/L		08/29/24 14:50	08/30/24 17:51	1
Dibenz(a,h)anthracene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Diclorvos (DDVP)	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Dieldrin	**0.039**		0.0097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Diethylphthalate	<0.49		0.49		ug/L		08/29/24 14:50	08/30/24 17:51	1
Dimethylphthalate	<0.49		0.49		ug/L		08/29/24 14:50	08/30/24 17:51	1
Di-n-butyl phthalate	<0.97		0.97		ug/L		08/29/24 14:50	08/30/24 17:51	1
Di-n-octyl phthalate	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Endosulfan I (Alpha)	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Endosulfan II (Beta)	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Endosulfan sulfate	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Endrin	<0.0097		0.0097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Endrin aldehyde	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
EPTC	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Fluoranthene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-1

Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
gamma-Chlordane	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Heptachlor	<0.0097		0.0097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Heptachlor epoxide (isomer B)	**0.015**		0.0097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Hexachlorobenzene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Hexachlorocyclopentadiene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Isophorone	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Lindane	<0.0097	^3+	0.0097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Malathion	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Methoxychlor	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Metolachlor	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Molinate	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Naphthalene	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Parathion	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Pendimethalin (Penoxaline)	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Phenanthrene	<0.039		0.039		ug/L		08/29/24 14:50	08/30/24 17:51	1
Propachlor	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Pyrene	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Simazine	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Terbacil	<0.097		0.097		ug/L		09/04/24 10:00	09/05/24 16:25	1
Terbuthylazine	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Thiobencarb	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1
Total Permethrin (mixed isomers)	<0.19		0.19		ug/L		08/29/24 14:50	08/30/24 17:51	1
trans-Nonachlor	<0.049		0.049		ug/L		08/29/24 14:50	08/30/24 17:51	1
Trifluralin	<0.097		0.097		ug/L		08/29/24 14:50	08/30/24 17:51	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Decane	*1.5*	*T J N*	*ug/L*		*2.26*	*124-18-5*	*09/04/24 10:00*	*09/05/24 16:25*	*1*
Plumbane, diethyldimethyl-	*0.78*	*T J N*	*ug/L*		*2.53*	*1762-27-2*	*09/04/24 10:00*	*09/05/24 16:25*	*1*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*08/29/24 14:50*	*08/30/24 17:51*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*96*		*70 - 130*	*08/29/24 14:50*	*08/30/24 17:51*	*1*
2-Nitro-m-xylene	*98*		*70 - 130*	*09/04/24 10:00*	*09/05/24 16:25*	*1*
Perylene-d12	*99*		*70 - 130*	*08/29/24 14:50*	*08/30/24 17:51*	*1*
Perylene-d12	*97*		*70 - 130*	*09/04/24 10:00*	*09/05/24 16:25*	*1*
Triphenylphosphate	*110*		*70 - 130*	*08/29/24 14:50*	*08/30/24 17:51*	*1*
Triphenylphosphate	*94*		*70 - 130*	*09/04/24 10:00*	*09/05/24 16:25*	*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		08/30/24 05:18	09/03/24 14:47	1
2-Methylnaphthalene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Acenaphthene	<0.19	*-	0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Acenaphthylene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Anthracene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Benzo[a]anthracene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Benzo[a]pyrene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-1

Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Chrysene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Fluoranthene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Fluorene	<0.19	F1 *-	0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Naphthalene	<0.19		0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Phenanthrene	<0.19	*-	0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1
Pyrene	<0.19	*-	0.19		ug/L		08/30/24 05:18	09/03/24 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*	*08/30/24 05:18*	*09/03/24 14:47*	*1*
2-Fluorobiphenyl (Surr)	*67*		*31 - 120*	*08/30/24 05:18*	*09/03/24 14:47*	*1*
2-Fluorophenol (Surr)	*44*		*17 - 120*	*08/30/24 05:18*	*09/03/24 14:47*	*1*
Nitrobenzene-d5 (Surr)	*67*		*27 - 120*	*08/30/24 05:18*	*09/03/24 14:47*	*1*
Phenol-d6 (Surr)	*29*		*10 - 120*	*08/30/24 05:18*	*09/03/24 14:47*	*1*
p-Terphenyl-d14 (Surr)	*76*		*45 - 120*	*08/30/24 05:18*	*09/03/24 14:47*	*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*	*08/30/24 05:18*	*09/09/24 14:23*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*33 - 139*	*08/30/24 05:18*	*09/09/24 14:23*	*1*
2-Fluorobiphenyl (Surr)	*84*		*33 - 126*	*08/30/24 05:18*	*09/09/24 14:23*	*1*
2-Fluorophenol (Surr)	*51*		*12 - 120*	*08/30/24 05:18*	*09/09/24 14:23*	*1*
Nitrobenzene-d5 (Surr)	*91*		*36 - 120*	*08/30/24 05:18*	*09/09/24 14:23*	*1*
Phenol-d6 (Surr)	*32*		*10 - 120*	*08/30/24 05:18*	*09/09/24 14:23*	*1*
p-Terphenyl-d14 (Surr)	*87*		*47 - 131*	*08/30/24 05:18*	*09/09/24 14:23*	*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			09/06/24 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*38 - 134*		*09/06/24 18:12*	*1*

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26		ug/L		08/30/24 16:57	09/12/24 17:16	1
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		08/30/24 16:57	09/12/24 17:16	1
C8-C18	<26		26		ug/L		08/30/24 16:57	09/12/24 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 130*	*08/30/24 16:57*	*09/12/24 17:16*	*1*

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

Job ID: 380-110669-1
SDG: Weekly

Client Sample ID: TB: HALAWA WELLS UNITS 1&2 P1 (331-206-TP065)
Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

Lab Sample ID: 380-110669-2
Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			09/06/24 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*38 - 134*		*09/06/24 19:22*	*1*

Action Limit Summary

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

Job ID: 380-110669-1
SDG: Weekly

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-1

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	<0.019		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)	0.015		ug/L	0.2	0.0097	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	<0.0097	^3+	ug/L	0.2	0.0097	525.2	Total/NA
Methoxychlor	<0.049		ug/L	40	0.049	525.2	Total/NA
Simazine	<0.049		ug/L	4	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-110669-1
SDG: Weekly

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-110669-1	HALAWA WELLS UNITS 1 & 2 F	96	99	110
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)	98	97	94

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		2NMX	PRY	TPP
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
380-110542-AI-1-A MS	Matrix Spike	96	102	118
380-110544-H-1-A DU	Duplicate	97	97	114
380-110960-M-1-A MS	Matrix Spike	95	106	90
380-110973-L-1-A DU	Duplicate	97	97	87
LCS 380-105975/23-A	Lab Control Sample	96	102	119
LCS 380-106647/23-A	Lab Control Sample	99	94	100
LCSD 380-105975/24-A	Lab Control Sample Dup	97	102	118
LCSD 380-106647/24-A	Lab Control Sample Dup	98	105	100
MB 380-105975/21-A	Method Blank	96	98	111
MB 380-106647/21-A	Method Blank	100	97	94
MRL 380-105975/22-A	Lab Control Sample	96	99	114
MRL 380-106647/22-A	Lab Control Sample	102	103	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
380-110669-1	HALAWA WELLS UNITS 1 & 2 F	76	84	51	91	32	87

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
Project/Site: RED-HILL

Job ID: 380-110669-1
SDG: Weekly

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)
MB 570-475857/1-A	Method Blank	75	73	54	82	32	87

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
380-110669-1	HALAWA WELLS UNITS 1 & 2 F	76	67	44	67	29	76
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	65	61	46	53	32	67
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	75	69	48	56	33	80

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)
LCS 570-475857/2-A	Lab Control Sample	75	63	53	53	35	74
LCS 570-475857/2-A	Lab Control Sample	74	66	58	58	39	73
LCSD 570-475857/3-A	Lab Control Sample Dup	77	65	53	54	35	75
LCSD 570-475857/3-A	Lab Control Sample Dup	76	69	58	59	40	74
MB 570-475857/1-A	Method Blank	71	61	47	62	29	74

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
Project/Site: RED-HILL

Job ID: 380-110669-1
SDG: Weekly

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(38-134)
380-110669-1	HALAWA WELLS UNITS 1 & 2 F	85
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	95
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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)
380-110669-2	TB: HALAWA WELLS UNITS 1&	88
LCS 570-478203/10	Lab Control Sample	88
LCSD 570-478203/12	Lab Control Sample Dup	83
MB 570-478203/11	Method Blank	76
MRL 570-478203/1003	Lab Control Sample	80

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-130)
380-110669-1	HALAWA WELLS UNITS 1 & 2 F	92
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	93
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	89

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-130)
LCS 570-476313/2-A	Lab Control Sample	89
LCSD 570-476313/3-A	Lab Control Sample Dup	91
MB 570-476313/1-A	Method Blank	86
MRL 570-476313/4-A	Lab Control Sample	91

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 380-105975/21-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105975

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2,4'-DDD	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2,4'-DDE	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2,4'-DDT	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
2-Methylnaphthalene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
4,4'-DDD	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
4,4'-DDE	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
4,4'-DDT	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Acenaphthene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Acenaphthylene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Acetochlor	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Alachlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
alpha-BHC	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
alpha-Chlordane	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Anthracene	<0.020		0.020		ug/L		08/29/24 13:15	08/30/24 14:57	1
Atrazine	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Benz(a)anthracene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Benzo[a]pyrene	<0.020		0.020		ug/L		08/29/24 13:15	08/30/24 14:57	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		08/29/24 13:15	08/30/24 14:57	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		08/29/24 13:15	08/30/24 14:57	1
beta-BHC	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60		ug/L		08/29/24 13:15	08/30/24 14:57	1
Butachlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Butylbenzylphthalate	<0.50		0.50		ug/L		08/29/24 13:15	08/30/24 14:57	1
Chlorobenzilate	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Chloroneb	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Chlorpyrifos	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Chrysene	<0.020		0.020		ug/L		08/29/24 13:15	08/30/24 14:57	1
delta-BHC	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Di(2-ethylhexyl)adipate	<0.60		0.60		ug/L		08/29/24 13:15	08/30/24 14:57	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Dieldrin	<0.0099		0.0099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Diethylphthalate	<0.50		0.50		ug/L		08/29/24 13:15	08/30/24 14:57	1
Dimethylphthalate	<0.50		0.50		ug/L		08/29/24 13:15	08/30/24 14:57	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		08/29/24 13:15	08/30/24 14:57	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Endosulfan sulfate	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Endrin	<0.0099		0.0099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Endrin aldehyde	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
EPTC	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Fluoranthene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1

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

Lab Sample ID: MB 380-105975/21-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105975

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
gamma-Chlordane	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Heptachlor	<0.0099		0.0099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Hexachlorobenzene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Isophorone	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Lindane	<0.0099		0.0099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Malathion	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Methoxychlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Metolachlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Molinate	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Naphthalene	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Parathion	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Phenanthrene	<0.040		0.040		ug/L		08/29/24 13:15	08/30/24 14:57	1
Propachlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Pyrene	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Simazine	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Terbacil	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Terbuthylazine	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Thiobencarb	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		08/29/24 13:15	08/30/24 14:57	1
trans-Nonachlor	<0.050		0.050		ug/L		08/29/24 13:15	08/30/24 14:57	1
Trifluralin	<0.099		0.099		ug/L		08/29/24 13:15	08/30/24 14:57	1

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*	*08/29/24 13:15*	*08/30/24 14:57*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*96*		*70 - 130*	*08/29/24 13:15*	*08/30/24 14:57*	*1*
Perylene-d12	*98*		*70 - 130*	*08/29/24 13:15*	*08/30/24 14:57*	*1*
Triphenylphosphate	*111*		*70 - 130*	*08/29/24 13:15*	*08/30/24 14:57*	*1*

Lab Sample ID: LCS 380-105975/23-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105975

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			1.99	2.02		ug/L		101	70 - 130		
2,4'-DDD			1.99	2.29		ug/L		115	70 - 130		
2,4'-DDE			1.99	2.21		ug/L		111	70 - 130		
2,4'-DDT			1.99	2.06		ug/L		104	70 - 130		
2,4-Dinitrotoluene			1.99	1.77		ug/L		89	70 - 130		
2,6-Dinitrotoluene			1.99	1.75		ug/L		88	70 - 130		
2-Methylnaphthalene			1.99	2.03		ug/L		102	70 - 130		
4,4'-DDD			1.99	2.09		ug/L		105	70 - 130		

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

Lab Sample ID: LCS 380-105975/23-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	1.99	2.40		ug/L		121	70 - 130
4,4'-DDT	1.99	2.05		ug/L		103	70 - 130
Acenaphthene	1.99	1.99		ug/L		100	70 - 130
Acenaphthylene	1.99	2.13		ug/L		107	70 - 130
Acetochlor	1.99	2.30		ug/L		116	70 - 130
Alachlor	1.99	2.32		ug/L		117	70 - 130
alpha-BHC	1.99	2.09		ug/L		105	70 - 130
alpha-Chlordane	1.99	2.26		ug/L		114	70 - 130
Anthracene	1.99	1.83		ug/L		92	70 - 130
Atrazine	1.99	2.08		ug/L		105	70 - 130
Benz(a)anthracene	1.99	2.22		ug/L		112	70 - 130
Benzo[a]pyrene	1.99	2.01		ug/L		101	70 - 130
Benzo[b]fluoranthene	1.99	2.22		ug/L		111	70 - 130
Benzo[g,h,i]perylene	1.99	2.07		ug/L		104	70 - 130
Benzo[k]fluoranthene	1.99	2.22		ug/L		111	70 - 130
beta-BHC	1.99	2.12		ug/L		107	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	1.87		ug/L		94	70 - 130
Butachlor	1.99	2.23		ug/L		112	70 - 130
Butylbenzylphthalate	1.99	2.29		ug/L		115	70 - 130
Chlorobenzilate	1.99	2.18		ug/L		110	70 - 130
Chloroneb	1.99	1.94		ug/L		97	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.26		ug/L		114	70 - 130
Chlorpyrifos	1.99	2.06		ug/L		103	70 - 130
Chrysene	1.99	2.10		ug/L		105	70 - 130
delta-BHC	1.99	2.08		ug/L		105	70 - 130
Di(2-ethylhexyl)adipate	1.99	2.06		ug/L		104	70 - 130
Dibenz(a,h)anthracene	1.99	2.06		ug/L		103	70 - 130
Diclorvos (DDVP)	1.99	1.91		ug/L		96	70 - 130
Dieldrin	1.99	2.20		ug/L		111	70 - 130
Diethylphthalate	1.99	2.21		ug/L		111	70 - 130
Dimethylphthalate	1.99	2.08		ug/L		105	70 - 130
Di-n-butyl phthalate	3.98	4.22		ug/L		106	70 - 130
Di-n-octyl phthalate	1.99	1.77		ug/L		89	70 - 130
Endosulfan I (Alpha)	1.99	2.07		ug/L		104	70 - 130
Endosulfan II (Beta)	1.99	2.22		ug/L		112	70 - 130
Endosulfan sulfate	1.99	2.19		ug/L		110	70 - 130
Endrin	1.99	1.97		ug/L		99	70 - 130
Endrin aldehyde	1.99	2.21		ug/L		111	60 - 130
EPTC	1.99	2.14		ug/L		108	70 - 130
Fluoranthene	1.99	2.36		ug/L		119	70 - 130
Fluorene	1.99	2.14		ug/L		108	70 - 130
gamma-Chlordane	1.99	2.25		ug/L		113	70 - 130
Heptachlor	1.99	2.09		ug/L		105	70 - 130
Heptachlor epoxide (isomer B)	1.99	2.56		ug/L		129	70 - 130
Hexachlorobenzene	1.99	2.10		ug/L		106	70 - 130
Hexachlorocyclopentadiene	1.99	1.78		ug/L		89	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	2.08		ug/L		105	70 - 130
Isophorone	1.99	1.92		ug/L		97	70 - 130
Lindane	1.99	1.95		ug/L		98	70 - 130

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

Lab Sample ID: LCS 380-105975/23-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105975

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Malathion			1.99	2.19		ug/L		110	70 - 130		
Methoxychlor			1.99	2.07		ug/L		104	70 - 130		
Metolachlor			1.99	2.35		ug/L		118	70 - 130		
Molinate			1.99	2.19		ug/L		110	70 - 130		
Naphthalene			1.99	1.91		ug/L		96	70 - 130		
Parathion			1.99	2.12		ug/L		107	70 - 130		
Pendimethalin (Penoxaline)			1.99	2.13		ug/L		107	70 - 130		
Phenanthrene			1.99	2.02		ug/L		102	70 - 130		
Propachlor			1.99	2.16		ug/L		109	70 - 130		
Pyrene			1.99	2.12		ug/L		107	70 - 130		
Simazine			1.99	1.83		ug/L		92	70 - 130		
Terbacil			1.99	1.35	*-	ug/L		68	70 - 130		
Terbuthylazine			1.99	2.10		ug/L		106	70 - 130		
Thiobencarb			1.99	2.34		ug/L		118	70 - 130		
trans-Nonachlor			1.99	2.29		ug/L		115	70 - 130		
Trifluralin			1.99	2.11		ug/L		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*102*		*70 - 130*
Triphenylphosphate	*119*		*70 - 130*

Lab Sample ID: LCSD 380-105975/24-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105975

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.99	2.02		ug/L		102	70 - 130	0	20
2,4'-DDD			1.99	2.29		ug/L		115	70 - 130	0	20
2,4'-DDE			1.99	2.22		ug/L		112	70 - 130	1	20
2,4'-DDT			1.99	2.11		ug/L		106	70 - 130	2	20
2,4-Dinitrotoluene			1.99	1.89		ug/L		95	70 - 130	6	20
2,6-Dinitrotoluene			1.99	1.90		ug/L		95	70 - 130	8	20
2-Methylnaphthalene			1.99	2.06		ug/L		103	70 - 130	1	20
4,4'-DDD			1.99	2.11		ug/L		106	70 - 130	1	20
4,4'-DDE			1.99	2.48		ug/L		125	70 - 130	3	20
4,4'-DDT			1.99	2.10		ug/L		106	70 - 130	3	20
Acenaphthene			1.99	1.98		ug/L		99	70 - 130	1	20
Acenaphthylene			1.99	2.06		ug/L		104	70 - 130	3	20
Acetochlor			1.99	2.27		ug/L		114	70 - 130	1	20
Alachlor			1.99	2.31		ug/L		116	70 - 130	1	20
alpha-BHC			1.99	2.05		ug/L		103	70 - 130	2	20
alpha-Chlordane			1.99	2.27		ug/L		114	70 - 130	0	20
Anthracene			1.99	1.83		ug/L		92	70 - 130	0	20
Atrazine			1.99	2.04		ug/L		103	70 - 130	2	20
Benz(a)anthracene			1.99	2.26		ug/L		114	70 - 130	2	20
Benzo[a]pyrene			1.99	2.05		ug/L		103	70 - 130	2	20
Benzo[b]fluoranthene			1.99	2.26		ug/L		113	70 - 130	2	20

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

Lab Sample ID: LCSD 380-105975/24-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	1.99	2.13		ug/L		107	70 - 130	3	20
Benzo[k]fluoranthene	1.99	2.25		ug/L		113	70 - 130	1	20
beta-BHC	1.99	2.07		ug/L		104	70 - 130	2	20
Bis(2-ethylhexyl) phthalate	1.99	2.07		ug/L		104	70 - 130	10	20
Butachlor	1.99	2.19		ug/L		110	70 - 130	2	20
Butylbenzylphthalate	1.99	2.22		ug/L		111	70 - 130	3	20
Chlorobenzilate	1.99	2.14		ug/L		108	70 - 130	2	20
Chloroneb	1.99	1.92		ug/L		96	70 - 130	1	20
Chlorothalonil (Draconil, Bravo)	1.99	2.46		ug/L		124	70 - 130	8	20
Chlorpyrifos	1.99	2.05		ug/L		103	70 - 130	0	20
Chrysene	1.99	2.13		ug/L		107	70 - 130	2	20
delta-BHC	1.99	2.03		ug/L		102	70 - 130	3	20
Di(2-ethylhexyl)adipate	1.99	2.17		ug/L		109	70 - 130	6	20
Dibenz(a,h)anthracene	1.99	2.12		ug/L		106	70 - 130	3	20
Diclorvos (DDVP)	1.99	1.96		ug/L		98	70 - 130	3	20
Dieldrin	1.99	2.19		ug/L		110	70 - 130	1	20
Diethylphthalate	1.99	2.19		ug/L		110	70 - 130	1	20
Dimethylphthalate	1.99	2.09		ug/L		105	70 - 130	0	20
Di-n-butyl phthalate	3.98	4.19		ug/L		105	70 - 130	1	20
Di-n-octyl phthalate	1.99	2.07		ug/L		104	70 - 130	16	20
Endosulfan I (Alpha)	1.99	2.02		ug/L		102	70 - 130	2	20
Endosulfan II (Beta)	1.99	2.19		ug/L		110	70 - 130	1	20
Endosulfan sulfate	1.99	2.18		ug/L		110	70 - 130	0	20
Endrin	1.99	1.90		ug/L		95	70 - 130	4	20
Endrin aldehyde	1.99	2.29		ug/L		115	60 - 130	4	20
EPTC	1.99	2.12		ug/L		107	70 - 130	1	20
Fluoranthene	1.99	2.35		ug/L		118	70 - 130	0	20
Fluorene	1.99	2.13		ug/L		107	70 - 130	0	20
gamma-Chlordane	1.99	2.26		ug/L		114	70 - 130	1	20
Heptachlor	1.99	2.06		ug/L		103	70 - 130	2	20
Heptachlor epoxide (isomer B)	1.99	2.55		ug/L		128	70 - 130	0	20
Hexachlorobenzene	1.99	2.09		ug/L		105	70 - 130	0	20
Hexachlorocyclopentadiene	1.99	1.79		ug/L		90	70 - 130	1	20
Indeno[1,2,3-cd]pyrene	1.99	2.17		ug/L		109	70 - 130	4	20
Isophorone	1.99	1.94		ug/L		98	70 - 130	1	20
Lindane	1.99	1.91		ug/L		96	70 - 130	2	20
Malathion	1.99	2.19		ug/L		110	70 - 130	0	20
Methoxychlor	1.99	2.05		ug/L		103	70 - 130	1	20
Metolachlor	1.99	2.33		ug/L		117	70 - 130	1	20
Molinate	1.99	2.16		ug/L		108	70 - 130	1	20
Naphthalene	1.99	1.92		ug/L		97	70 - 130	0	20
Parathion	1.99	2.14		ug/L		108	70 - 130	1	20
Pendimethalin (Penoxaline)	1.99	2.15		ug/L		108	70 - 130	1	20
Phenanthrene	1.99	2.04		ug/L		102	70 - 130	1	20
Propachlor	1.99	2.14		ug/L		107	70 - 130	1	20
Pyrene	1.99	2.11		ug/L		106	70 - 130	0	20
Simazine	1.99	1.84		ug/L		92	70 - 130	1	20
Terbacil	1.99	1.56		ug/L		79	70 - 130	15	20
Terbuthylazine	1.99	2.08		ug/L		104	70 - 130	1	20

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

Lab Sample ID: LCSD 380-105975/24-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105975

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thiobencarb			1.99	2.33		ug/L		117	70 - 130	1	20
trans-Nonachlor			1.99	2.30		ug/L		116	70 - 130	1	20
Trifluralin			1.99	2.09		ug/L		105	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*102*		*70 - 130*
Triphenylphosphate	*118*		*70 - 130*

Lab Sample ID: MRL 380-105975/22-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105975

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			0.0995	0.109		ug/L		110	50 - 150		
2,4'-DDD			0.0995	0.0980	J	ug/L		99	50 - 150		
2,4'-DDE			0.0995	0.110		ug/L		110	50 - 150		
2,4'-DDT			0.0995	0.121		ug/L		122	50 - 150		
2,4-Dinitrotoluene			0.0995	0.109		ug/L		109	50 - 150		
2,6-Dinitrotoluene			0.0995	0.112		ug/L		113	50 - 150		
2-Methylnaphthalene			0.0995	0.103		ug/L		104	50 - 150		
4,4'-DDD			0.0995	0.126		ug/L		126	50 - 150		
4,4'-DDE			0.0995	0.120		ug/L		121	50 - 150		
4,4'-DDT			0.0995	0.120		ug/L		120	50 - 150		
Acenaphthene			0.0995	0.103		ug/L		103	50 - 150		
Acenaphthylene			0.0995	0.100		ug/L		101	50 - 150		
Acetochlor			0.0995	0.118		ug/L		119	50 - 150		
Alachlor			0.0497	0.0564		ug/L		113	50 - 150		
alpha-BHC			0.0995	0.111		ug/L		111	50 - 150		
alpha-Chlordane			0.0249	0.0346	J	ug/L		139	50 - 150		
Anthracene			0.0199	0.0260		ug/L		131	50 - 150		
Atrazine			0.0497	0.0731		ug/L		147	50 - 150		
Benz(a)anthracene			0.0497	0.0607		ug/L		122	50 - 150		
Benzo[a]pyrene			0.0199	0.0179	J	ug/L		90	50 - 150		
Benzo[b]fluoranthene			0.0199	0.0173	J	ug/L		87	50 - 150		
Benzo[g,h,i]perylene			0.0497	0.0512		ug/L		103	50 - 150		
Benzo[k]fluoranthene			0.0199	0.0186	J	ug/L		93	50 - 150		
beta-BHC			0.0995	0.114		ug/L		115	50 - 150		
Bis(2-ethylhexyl) phthalate			0.597	0.551	J	ug/L		92	50 - 150		
Butachlor			0.0497	0.0781	^3+	ug/L		157	50 - 150		
Butylbenzylphthalate			0.497	0.533		ug/L		107	50 - 150		
Chlorobenzilate			0.0995	0.0997		ug/L		100	50 - 150		
Chloroneb			0.0995	0.122		ug/L		123	50 - 150		
Chlorothalonil (Draconil, Bravo)			0.0995	0.115		ug/L		116	50 - 150		
Chlorpyrifos			0.0497	0.0736		ug/L		148	50 - 150		
Chrysene			0.0199	0.0224		ug/L		113	50 - 150		
delta-BHC			0.0995	0.108		ug/L		109	50 - 150		
Di(2-ethylhexyl)adipate			0.597	0.624		ug/L		105	50 - 150		

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

Lab Sample ID: MRL 380-105975/22-A
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	0.0497	0.0486	J	ug/L		98	50 - 150
Diclorvos (DDVP)	0.0497	0.0490	J	ug/L		98	50 - 150
Dieldrin	0.00995	0.0123		ug/L		123	50 - 150
Diethylphthalate	0.497	0.558		ug/L		112	50 - 150
Dimethylphthalate	0.497	0.524		ug/L		105	50 - 150
Di-n-butyl phthalate	0.497	0.562	J	ug/L		113	49 - 243
Di-n-octyl phthalate	0.0995	0.113		ug/L		114	50 - 150
Endosulfan I (Alpha)	0.0995	0.108		ug/L		108	50 - 150
Endosulfan II (Beta)	0.0995	0.134		ug/L		134	50 - 150
Endosulfan sulfate	0.0995	0.120		ug/L		120	50 - 150
Endrin	0.00995	0.0121		ug/L		122	50 - 150
Endrin aldehyde	0.0995	0.133		ug/L		133	50 - 150
EPTC	0.0995	0.0981	J	ug/L		99	50 - 150
Fluoranthene	0.0995	0.114		ug/L		115	50 - 150
Fluorene	0.0497	0.0525		ug/L		106	50 - 150
gamma-Chlordane	0.0249	0.0327	J	ug/L		131	50 - 150
Heptachlor	0.00995	0.0117		ug/L		118	50 - 150
Heptachlor epoxide (isomer B)	0.00995	0.0138		ug/L		139	50 - 150
Hexachlorobenzene	0.0497	0.0506		ug/L		102	50 - 150
Hexachlorocyclopentadiene	0.0497	<0.038		ug/L		70	50 - 150
Indeno[1,2,3-cd]pyrene	0.0497	0.0456	J	ug/L		92	50 - 150
Isophorone	0.0995	0.113		ug/L		114	50 - 150
Lindane	0.00995	0.0151	^3+	ug/L		152	50 - 150
Malathion	0.0995	0.121		ug/L		121	50 - 150
Methoxychlor	0.0497	0.0728		ug/L		146	50 - 150
Metolachlor	0.0497	0.0621		ug/L		125	50 - 150
Molinate	0.0995	0.107		ug/L		108	50 - 150
Naphthalene	0.0995	0.104		ug/L		105	50 - 150
Parathion	0.0995	0.104		ug/L		105	50 - 150
Pendimethalin (Penoxaline)	0.0995	0.112		ug/L		112	50 - 150
Phenanthrene	0.0398	0.0463		ug/L		116	50 - 150
Propachlor	0.0497	0.0540		ug/L		109	50 - 150
Pyrene	0.0497	0.0668		ug/L		134	50 - 150
Simazine	0.0497	0.0718		ug/L		144	50 - 150
Terbacil	0.0995	0.0870	J	ug/L		88	50 - 150
Terbuthylazine	0.0995	0.116		ug/L		117	50 - 150
Thiobencarb	0.0995	0.119		ug/L		120	50 - 150
trans-Nonachlor	0.0249	0.0332	J	ug/L		133	50 - 150
Trifluralin	0.0995	0.113		ug/L		114	50 - 150

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*99*		*70 - 130*
Triphenylphosphate	*114*		*70 - 130*

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

Lab Sample ID: 380-110542-AI-1-A MS
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.097		1.94	1.96		ug/L		101	70 - 130
2,4'-DDD	<0.097		1.94	2.24		ug/L		115	70 - 130
2,4'-DDE	<0.097		1.94	2.17		ug/L		111	70 - 130
2,4'-DDT	<0.097		1.94	2.05		ug/L		106	70 - 130
2,4-Dinitrotoluene	<0.097		1.94	1.71		ug/L		88	70 - 130
2,6-Dinitrotoluene	<0.097		1.94	1.67		ug/L		86	70 - 130
2-Methylnaphthalene	<0.097		1.94	1.99		ug/L		102	70 - 130
4,4'-DDD	<0.097		1.94	2.05		ug/L		106	70 - 130
4,4'-DDE	<0.097		1.94	2.40		ug/L		124	70 - 130
4,4'-DDT	<0.097		1.94	2.04		ug/L		105	70 - 130
Acenaphthene	<0.097		1.94	1.91		ug/L		98	70 - 130
Acenaphthylene	<0.097		1.94	2.02		ug/L		104	70 - 130
Acetochlor	<0.097		1.94	2.26		ug/L		116	70 - 130
Alachlor	<0.048		1.94	2.24		ug/L		115	70 - 130
alpha-BHC	<0.097		1.94	2.04		ug/L		105	70 - 130
alpha-Chlordane	<0.048		1.94	2.21		ug/L		114	70 - 130
Anthracene	<0.019		1.94	1.70		ug/L		88	70 - 130
Atrazine	<0.048		1.94	2.00		ug/L		103	70 - 130
Benz(a)anthracene	<0.048		1.94	2.17		ug/L		112	70 - 130
Benzo[a]pyrene	<0.019		1.94	1.93		ug/L		99	70 - 130
Benzo[b]fluoranthene	<0.019		1.94	2.21		ug/L		114	70 - 130
Benzo[g,h,i]perylene	<0.048		1.94	2.10		ug/L		108	70 - 130
Benzo[k]fluoranthene	<0.019		1.94	2.18		ug/L		112	70 - 130
beta-BHC	<0.097		1.94	2.03		ug/L		104	70 - 130
Bis(2-ethylhexyl) phthalate	<0.58		1.94	1.96		ug/L		101	70 - 130
Butachlor	<0.048	^3+	1.94	2.12		ug/L		109	70 - 130
Butylbenzylphthalate	<0.48		1.94	2.17		ug/L		111	70 - 130
Chlorobenzilate	<0.097		1.94	1.88		ug/L		97	70 - 130
Chloroneb	<0.097		1.94	1.89		ug/L		97	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.94	2.19		ug/L		113	70 - 130
Chlorpyrifos	<0.048		1.94	1.99		ug/L		102	70 - 130
Chrysene	<0.019		1.94	2.08		ug/L		107	70 - 130
delta-BHC	<0.097		1.94	2.01		ug/L		103	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.94	2.11		ug/L		109	70 - 130
Dibenz(a,h)anthracene	<0.048		1.94	2.06		ug/L		106	70 - 130
Diclorvos (DDVP)	<0.048		1.94	1.81		ug/L		93	70 - 130
Dieldrin	<0.0097		1.94	2.11		ug/L		109	70 - 130
Diethylphthalate	<0.48		1.94	2.14		ug/L		110	70 - 130
Dimethylphthalate	<0.48		1.94	1.99		ug/L		102	70 - 130
Di-n-butyl phthalate	<0.97		3.89	4.13		ug/L		106	70 - 130
Di-n-octyl phthalate	<0.097		1.94	1.93		ug/L		99	70 - 130
Endosulfan I (Alpha)	<0.097		1.94	1.98		ug/L		102	70 - 130
Endosulfan II (Beta)	<0.097		1.94	2.11		ug/L		109	70 - 130
Endosulfan sulfate	<0.097		1.94	2.13		ug/L		109	70 - 130
Endrin	<0.0097		1.94	1.83		ug/L		94	70 - 130
Endrin aldehyde	<0.097		1.94	2.06		ug/L		106	60 - 130
EPTC	<0.097		1.94	2.05		ug/L		106	70 - 130
Fluoranthene	<0.097		1.94	2.29		ug/L		118	70 - 130

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

Lab Sample ID: 380-110542-AI-1-A MS
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluorene	<0.048		1.94	2.08		ug/L		107	70 - 130
gamma-Chlordane	<0.048		1.94	2.21		ug/L		114	70 - 130
Heptachlor	<0.0097		1.94	2.02		ug/L		104	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.94	2.44		ug/L		126	70 - 130
Hexachlorobenzene	<0.048		1.94	2.03		ug/L		104	70 - 130
Hexachlorocyclopentadiene	<0.048		1.94	1.74		ug/L		89	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.94	2.13		ug/L		110	70 - 130
Isophorone	<0.097		1.94	1.86		ug/L		95	70 - 130
Lindane	<0.0097	^3+	1.94	1.86		ug/L		96	70 - 130
Malathion	<0.097		1.94	2.13		ug/L		110	70 - 130
Methoxychlor	<0.048		1.94	2.00		ug/L		103	70 - 130
Metolachlor	<0.048		1.94	2.27		ug/L		117	70 - 130
Molinate	<0.097		1.94	2.09		ug/L		107	70 - 130
Naphthalene	<0.097		1.94	1.84		ug/L		95	70 - 130
Parathion	<0.097		1.94	2.08		ug/L		107	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.94	2.14		ug/L		110	70 - 130
Phenanthrene	<0.039		1.94	1.98		ug/L		102	70 - 130
Propachlor	<0.048		1.94	2.06		ug/L		106	70 - 130
Pyrene	<0.048		1.94	2.06		ug/L		106	70 - 130
Simazine	<0.048		1.94	1.75		ug/L		90	70 - 130
Terbacil	<0.097	*-	1.94	1.41		ug/L		72	70 - 130
Terbuthylazine	<0.097		1.94	2.00		ug/L		103	70 - 130
Thiobencarb	<0.097		1.94	2.27		ug/L		117	70 - 130
trans-Nonachlor	<0.048		1.94	2.25		ug/L		116	70 - 130
Trifluralin	<0.097		1.94	2.07		ug/L		106	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*96*		*70 - 130*
Perylene-d12	*102*		*70 - 130*
Triphenylphosphate	*118*		*70 - 130*

Lab Sample ID: 380-110544-H-1-A DU
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1-Methylnaphthalene	<0.097		<0.096		ug/L		NC	20
2,4'-DDD	<0.097		<0.096		ug/L		NC	20
2,4'-DDE	<0.097		<0.096		ug/L		NC	20
2,4'-DDT	<0.097		<0.096		ug/L		NC	20
2,4-Dinitrotoluene	<0.097		<0.096		ug/L		NC	20
2,6-Dinitrotoluene	<0.097		<0.096		ug/L		NC	20
2-Methylnaphthalene	<0.097		<0.096		ug/L		NC	20
4,4'-DDD	<0.097		<0.096		ug/L		NC	20
4,4'-DDE	<0.097		<0.096		ug/L		NC	20
4,4'-DDT	<0.097		<0.096		ug/L		NC	20
Acenaphthene	<0.097		<0.096		ug/L		NC	20
Acenaphthylene	<0.097		<0.096		ug/L		NC	20

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

Lab Sample ID: 380-110544-H-1-A DU
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Acetochlor	<0.097			<0.096		ug/L				NC	20
Alachlor	<0.048			<0.048		ug/L				NC	20
alpha-BHC	<0.097			<0.096		ug/L				NC	20
alpha-Chlordane	<0.048			<0.048		ug/L				NC	20
Anthracene	<0.019			<0.019		ug/L				NC	20
Atrazine	<0.048			<0.048		ug/L				NC	20
Benz(a)anthracene	<0.048			<0.048		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			<0.048		ug/L				NC	20
Benzo[k]fluoranthene	<0.019			<0.019		ug/L				NC	20
beta-BHC	<0.097			<0.096		ug/L				NC	20
Bis(2-ethylhexyl) phthalate	<0.58			<0.58		ug/L				NC	20
Butachlor	<0.048	^3+		<0.048		ug/L				NC	20
Butylbenzylphthalate	<0.48			<0.48		ug/L				NC	20
Chlorobenzilate	<0.097			<0.096		ug/L				NC	20
Chloroneb	<0.097			<0.096		ug/L				NC	20
Chlorothalonil (Draconil, Bravo)	<0.097			<0.096		ug/L				NC	20
Chlorpyrifos	<0.048			<0.048		ug/L				NC	20
Chrysene	<0.019			<0.019		ug/L				NC	20
delta-BHC	<0.097			<0.096		ug/L				NC	20
Di(2-ethylhexyl)adipate	<0.58			<0.58		ug/L				NC	20
Dibenz(a,h)anthracene	<0.048			<0.048		ug/L				NC	20
Diclorvos (DDVP)	<0.048			<0.048		ug/L				NC	20
Dieldrin	<0.0097			<0.0096		ug/L				NC	20
Diethylphthalate	<0.48			<0.48		ug/L				NC	20
Dimethylphthalate	<0.48			<0.48		ug/L				NC	20
Di-n-butyl phthalate	<0.97			<0.96		ug/L				NC	20
Di-n-octyl phthalate	<0.097			<0.096		ug/L				NC	20
Endosulfan I (Alpha)	<0.097			<0.096		ug/L				NC	20
Endosulfan II (Beta)	<0.097			<0.096		ug/L				NC	20
Endosulfan sulfate	<0.097			<0.096		ug/L				NC	20
Endrin	<0.0097			<0.0096		ug/L				NC	20
Endrin aldehyde	<0.097			<0.096		ug/L				NC	20
EPTC	<0.097			<0.096		ug/L				NC	20
Fluoranthene	<0.097			<0.096		ug/L				NC	20
Fluorene	<0.048			<0.048		ug/L				NC	20
gamma-Chlordane	<0.048			<0.048		ug/L				NC	20
Heptachlor	<0.0097			<0.0096		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0097			<0.0096		ug/L				NC	20
Hexachlorobenzene	<0.048			<0.048		ug/L				NC	20
Hexachlorocyclopentadiene	<0.048			<0.048		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.048			<0.048		ug/L				NC	20
Isophorone	<0.097			<0.096		ug/L				NC	20
Lindane	<0.0097	^3+		<0.0096		ug/L				NC	20
Malathion	<0.097			<0.096		ug/L				NC	20
Methoxychlor	<0.048			<0.048		ug/L				NC	20
Metolachlor	<0.048			<0.048		ug/L				NC	20
Molinate	<0.097			<0.096		ug/L				NC	20

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

Lab Sample ID: 380-110544-H-1-A DU
Matrix: Water
Analysis Batch: 106221

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 105975

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Naphthalene	<0.097			<0.096		ug/L				NC	20
Parathion	<0.097			<0.096		ug/L				NC	20
Pendimethalin (Penoxaline)	<0.097			<0.096		ug/L				NC	20
Phenanthrene	<0.039			<0.038		ug/L				NC	20
Propachlor	<0.048			<0.048		ug/L				NC	20
Pyrene	<0.048			<0.048		ug/L				NC	20
Simazine	0.056			0.0544		ug/L				2	20
Terbacil	<0.097	*-		<0.096	*-	ug/L				NC	20
Terbuthylazine	<0.097			<0.096		ug/L				NC	20
Thiobencarb	<0.097			<0.096		ug/L				NC	20
Total Permethrin (mixed isomers)	<0.19			<0.19		ug/L				NC	20
trans-Nonachlor	<0.048			<0.048		ug/L				NC	20
Trifluralin	<0.097			<0.096		ug/L				NC	20

Surrogate	*DU %Recovery*	*DU Qualifier*	*Limits*
2-Nitro-m-xylene	*97*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*114*		*70 - 130*

Lab Sample ID: MB 380-106647/21-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106647

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2,4'-DDD	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2,4'-DDE	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2,4'-DDT	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2,4-Dinitrotoluene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2,6-Dinitrotoluene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
2-Methylnaphthalene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
4,4'-DDD	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
4,4'-DDE	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
4,4'-DDT	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Acenaphthene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Acenaphthylene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Acetochlor	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Alachlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
alpha-BHC	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
alpha-Chlordane	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Anthracene	<0.020		0.020		ug/L		09/04/24 10:00	09/05/24 15:24	1
Atrazine	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Benz(a)anthracene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Benzo[a]pyrene	<0.020		0.020		ug/L		09/04/24 10:00	09/05/24 15:24	1
Benzo[b]fluoranthene	<0.020		0.020		ug/L		09/04/24 10:00	09/05/24 15:24	1
Benzo[g,h,i]perylene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Benzo[k]fluoranthene	<0.020		0.020		ug/L		09/04/24 10:00	09/05/24 15:24	1
beta-BHC	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1

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

Lab Sample ID: MB 380-106647/21-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106647

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<0.60		0.60		ug/L		09/04/24 10:00	09/05/24 15:24	1
Butachlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Butylbenzylphthalate	<0.50		0.50		ug/L		09/04/24 10:00	09/05/24 15:24	1
Chlorobenzilate	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Chloroneb	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Chlorpyrifos	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Chrysene	<0.020		0.020		ug/L		09/04/24 10:00	09/05/24 15:24	1
delta-BHC	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Di(2-ethylhexyl)adipate	<0.60		0.60		ug/L		09/04/24 10:00	09/05/24 15:24	1
Dibenz(a,h)anthracene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Diclorvos (DDVP)	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Dieldrin	<0.0099		0.0099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Diethylphthalate	<0.50		0.50		ug/L		09/04/24 10:00	09/05/24 15:24	1
Dimethylphthalate	<0.50		0.50		ug/L		09/04/24 10:00	09/05/24 15:24	1
Di-n-butyl phthalate	<0.99		0.99		ug/L		09/04/24 10:00	09/05/24 15:24	1
Di-n-octyl phthalate	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Endosulfan I (Alpha)	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Endosulfan II (Beta)	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Endosulfan sulfate	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Endrin	<0.0099		0.0099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Endrin aldehyde	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
EPTC	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Fluoranthene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Fluorene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
gamma-Chlordane	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Heptachlor	<0.0099		0.0099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Hexachlorobenzene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Hexachlorocyclopentadiene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Isophorone	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Lindane	<0.0099		0.0099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Malathion	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Methoxychlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Metolachlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Molinate	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Naphthalene	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Parathion	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Pendimethalin (Penoxaline)	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Phenanthrene	<0.040		0.040		ug/L		09/04/24 10:00	09/05/24 15:24	1
Propachlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Pyrene	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Simazine	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1
Terbacil	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Terbuthylazine	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Thiobencarb	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1
Total Permethrin (mixed isomers)	<0.20		0.20		ug/L		09/04/24 10:00	09/05/24 15:24	1
trans-Nonachlor	<0.050		0.050		ug/L		09/04/24 10:00	09/05/24 15:24	1

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

Lab Sample ID: MB 380-106647/21-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106647

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trifluralin	<0.099		0.099		ug/L		09/04/24 10:00	09/05/24 15:24	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Decane	*1.28*	*T J N*	*ug/L*		*2.26*	*124-18-5*	*09/04/24 10:00*	*09/05/24 15:24*	*1*
Plumbane, diethyldimethyl-	*0.635*	*T J N*	*ug/L*		*2.53*	*1762-27-2*	*09/04/24 10:00*	*09/05/24 15:24*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Nitro-m-xylene	*100*		*70 - 130*	*09/04/24 10:00*	*09/05/24 15:24*	*1*
Perylene-d12	*97*		*70 - 130*	*09/04/24 10:00*	*09/05/24 15:24*	*1*
Triphenylphosphate	*94*		*70 - 130*	*09/04/24 10:00*	*09/05/24 15:24*	*1*

Lab Sample ID: LCS 380-106647/23-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.99	1.81		ug/L		91	70 - 130
2,4'-DDD	1.99	1.90		ug/L		95	70 - 130
2,4'-DDE	1.99	1.87		ug/L		94	70 - 130
2,4'-DDT	1.99	2.00		ug/L		101	70 - 130
2,4-Dinitrotoluene	1.99	1.59		ug/L		80	70 - 130
2,6-Dinitrotoluene	1.99	1.64		ug/L		82	70 - 130
2-Methylnaphthalene	1.99	1.80		ug/L		91	70 - 130
4,4'-DDD	1.99	2.05		ug/L		103	70 - 130
4,4'-DDE	1.99	1.69		ug/L		85	70 - 130
4,4'-DDT	1.99	1.94		ug/L		98	70 - 130
Acenaphthene	1.99	1.88		ug/L		95	70 - 130
Acenaphthylene	1.99	1.85		ug/L		93	70 - 130
Acetochlor	1.99	2.00		ug/L		101	70 - 130
Alachlor	1.99	1.89		ug/L		95	70 - 130
alpha-BHC	1.99	1.84		ug/L		93	70 - 130
alpha-Chlordane	1.99	1.57		ug/L		79	70 - 130
Anthracene	1.99	1.78		ug/L		89	70 - 130
Atrazine	1.99	1.96		ug/L		99	70 - 130
Benz(a)anthracene	1.99	1.91		ug/L		96	70 - 130
Benzo[a]pyrene	1.99	1.95		ug/L		98	70 - 130
Benzo[b]fluoranthene	1.99	1.93		ug/L		97	70 - 130
Benzo[g,h,i]perylene	1.99	2.05		ug/L		103	70 - 130
Benzo[k]fluoranthene	1.99	1.88		ug/L		95	70 - 130
beta-BHC	1.99	1.85		ug/L		93	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	2.01		ug/L		101	70 - 130
Butachlor	1.99	1.90		ug/L		96	70 - 130
Butylbenzylphthalate	1.99	2.11		ug/L		106	70 - 130
Chlorobenzilate	1.99	1.90		ug/L		96	70 - 130
Chloroneb	1.99	1.91		ug/L		96	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	1.95		ug/L		98	70 - 130
Chlorpyrifos	1.99	2.07		ug/L		104	70 - 130
Chrysene	1.99	1.81		ug/L		91	70 - 130

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

Lab Sample ID: LCS 380-106647/23-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
delta-BHC	1.99	1.93		ug/L		97	70 - 130
Di(2-ethylhexyl)adipate	1.99	2.04		ug/L		103	70 - 130
Dibenz(a,h)anthracene	1.99	2.15		ug/L		108	70 - 130
Diclorvos (DDVP)	1.99	1.78		ug/L		89	70 - 130
Dieldrin	1.99	1.89		ug/L		95	70 - 130
Diethylphthalate	1.99	1.88		ug/L		95	70 - 130
Dimethylphthalate	1.99	1.95		ug/L		98	70 - 130
Di-n-butyl phthalate	3.98	3.85		ug/L		97	70 - 130
Di-n-octyl phthalate	1.99	1.85		ug/L		93	70 - 130
Endosulfan I (Alpha)	1.99	1.81		ug/L		91	70 - 130
Endosulfan II (Beta)	1.99	1.99		ug/L		100	70 - 130
Endosulfan sulfate	1.99	2.09		ug/L		105	70 - 130
Endrin	1.99	1.98		ug/L		99	70 - 130
Endrin aldehyde	1.99	1.52		ug/L		76	60 - 130
EPTC	1.99	2.03		ug/L		102	70 - 130
Fluoranthene	1.99	1.92		ug/L		96	70 - 130
Fluorene	1.99	1.88		ug/L		94	70 - 130
gamma-Chlordane	1.99	1.57		ug/L		79	70 - 130
Heptachlor	1.99	1.71		ug/L		86	70 - 130
Heptachlor epoxide (isomer B)	1.99	1.70		ug/L		85	70 - 130
Hexachlorobenzene	1.99	1.61		ug/L		81	70 - 130
Hexachlorocyclopentadiene	1.99	1.84		ug/L		92	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	2.06		ug/L		103	70 - 130
Isophorone	1.99	1.77		ug/L		89	70 - 130
Lindane	1.99	1.81		ug/L		91	70 - 130
Malathion	1.99	1.93		ug/L		97	70 - 130
Methoxychlor	1.99	1.95		ug/L		98	70 - 130
Metolachlor	1.99	1.91		ug/L		96	70 - 130
Molinate	1.99	2.04		ug/L		103	70 - 130
Naphthalene	1.99	1.75		ug/L		88	70 - 130
Parathion	1.99	2.00		ug/L		100	70 - 130
Pendimethalin (Penoxaline)	1.99	1.97		ug/L		99	70 - 130
Phenanthrene	1.99	1.74		ug/L		87	70 - 130
Propachlor	1.99	1.98		ug/L		100	70 - 130
Pyrene	1.99	1.94		ug/L		97	70 - 130
Simazine	1.99	1.83		ug/L		92	70 - 130
Terbacil	1.99	1.51		ug/L		76	70 - 130
Terbuthylazine	1.99	2.02		ug/L		101	70 - 130
Thiobencarb	1.99	1.86		ug/L		94	70 - 130
trans-Nonachlor	1.99	1.85		ug/L		93	70 - 130
Trifluralin	1.99	1.67		ug/L		84	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Nitro-m-xylene	*99*		*70 - 130*
Perylene-d12	*94*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

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

Lab Sample ID: LCSD 380-106647/24-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106647

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			1.99	1.80		ug/L		91	70 - 130	1	20
2,4'-DDD			1.99	1.88		ug/L		94	70 - 130	1	20
2,4'-DDE			1.99	1.73		ug/L		87	70 - 130	8	20
2,4'-DDT			1.99	1.98		ug/L		100	70 - 130	1	20
2,4-Dinitrotoluene			1.99	1.56		ug/L		79	70 - 130	1	20
2,6-Dinitrotoluene			1.99	1.62		ug/L		81	70 - 130	1	20
2-Methylnaphthalene			1.99	1.80		ug/L		90	70 - 130	0	20
4,4'-DDD			1.99	2.02		ug/L		101	70 - 130	2	20
4,4'-DDE			1.99	1.79		ug/L		90	70 - 130	6	20
4,4'-DDT			1.99	1.90		ug/L		96	70 - 130	2	20
Acenaphthene			1.99	1.93		ug/L		97	70 - 130	2	20
Acenaphthylene			1.99	1.88		ug/L		95	70 - 130	1	20
Acetochlor			1.99	1.97		ug/L		99	70 - 130	2	20
Alachlor			1.99	1.89		ug/L		95	70 - 130	0	20
alpha-BHC			1.99	1.86		ug/L		94	70 - 130	1	20
alpha-Chlordane			1.99	1.91		ug/L		96	70 - 130	19	20
Anthracene			1.99	1.81		ug/L		91	70 - 130	2	20
Atrazine			1.99	1.95		ug/L		98	70 - 130	1	20
Benz(a)anthracene			1.99	1.90		ug/L		96	70 - 130	0	20
Benzo[a]pyrene			1.99	2.06		ug/L		104	70 - 130	6	20
Benzo[b]fluoranthene			1.99	2.00		ug/L		100	70 - 130	3	20
Benzo[g,h,i]perylene			1.99	2.25		ug/L		113	70 - 130	9	20
Benzo[k]fluoranthene			1.99	2.07		ug/L		104	70 - 130	9	20
beta-BHC			1.99	1.88		ug/L		94	70 - 130	2	20
Bis(2-ethylhexyl) phthalate			1.99	2.11		ug/L		106	70 - 130	5	20
Butachlor			1.99	1.90		ug/L		96	70 - 130	0	20
Butylbenzylphthalate			1.99	2.07		ug/L		104	70 - 130	2	20
Chlorobenzilate			1.99	1.78		ug/L		90	70 - 130	7	20
Chloroneb			1.99	1.91		ug/L		96	70 - 130	0	20
Chlorothalonil (Draconil, Bravo)			1.99	1.91		ug/L		96	70 - 130	2	20
Chlorpyrifos			1.99	1.99		ug/L		100	70 - 130	4	20
Chrysene			1.99	2.00		ug/L		100	70 - 130	10	20
delta-BHC			1.99	1.92		ug/L		97	70 - 130	0	20
Di(2-ethylhexyl)adipate			1.99	2.00		ug/L		101	70 - 130	2	20
Dibenz(a,h)anthracene			1.99	2.31		ug/L		116	70 - 130	7	20
Diclorvos (DDVP)			1.99	1.78		ug/L		89	70 - 130	0	20
Dieldrin			1.99	1.82		ug/L		91	70 - 130	4	20
Diethylphthalate			1.99	1.89		ug/L		95	70 - 130	0	20
Dimethylphthalate			1.99	1.95		ug/L		98	70 - 130	0	20
Di-n-butyl phthalate			3.98	3.68		ug/L		93	70 - 130	4	20
Di-n-octyl phthalate			1.99	2.00		ug/L		101	70 - 130	8	20
Endosulfan I (Alpha)			1.99	1.89		ug/L		95	70 - 130	5	20
Endosulfan II (Beta)			1.99	1.97		ug/L		99	70 - 130	1	20
Endosulfan sulfate			1.99	1.83		ug/L		92	70 - 130	13	20
Endrin			1.99	1.80		ug/L		91	70 - 130	9	20
Endrin aldehyde			1.99	1.49		ug/L		75	60 - 130	2	20
EPTC			1.99	2.01		ug/L		101	70 - 130	1	20
Fluoranthene			1.99	1.96		ug/L		99	70 - 130	2	20

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

Lab Sample ID: LCSD 380-106647/24-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106647

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene			1.99	1.91		ug/L		96	70 - 130	2	20
gamma-Chlordane			1.99	1.89		ug/L		95	70 - 130	18	20
Heptachlor			1.99	1.81		ug/L		91	70 - 130	6	20
Heptachlor epoxide (isomer B)			1.99	2.03		ug/L		102	70 - 130	18	20
Hexachlorobenzene			1.99	1.64		ug/L		82	70 - 130	2	20
Hexachlorocyclopentadiene			1.99	1.74		ug/L		88	70 - 130	5	20
Indeno[1,2,3-cd]pyrene			1.99	2.29		ug/L		115	70 - 130	11	20
Isophorone			1.99	1.84		ug/L		93	70 - 130	4	20
Lindane			1.99	1.83		ug/L		92	70 - 130	1	20
Malathion			1.99	1.86		ug/L		93	70 - 130	4	20
Methoxychlor			1.99	2.00		ug/L		101	70 - 130	3	20
Metolachlor			1.99	1.86		ug/L		94	70 - 130	3	20
Molinate			1.99	2.04		ug/L		103	70 - 130	0	20
Naphthalene			1.99	1.77		ug/L		89	70 - 130	2	20
Parathion			1.99	1.95		ug/L		98	70 - 130	2	20
Pendimethalin (Penoxaline)			1.99	1.82		ug/L		91	70 - 130	8	20
Phenanthrene			1.99	1.77		ug/L		89	70 - 130	2	20
Propachlor			1.99	1.97		ug/L		99	70 - 130	0	20
Pyrene			1.99	1.95		ug/L		98	70 - 130	1	20
Simazine			1.99	1.79		ug/L		90	70 - 130	2	20
Terbacil			1.99	1.53		ug/L		77	70 - 130	1	20
Terbuthylazine			1.99	1.99		ug/L		100	70 - 130	1	20
Thiobencarb			1.99	1.88		ug/L		94	70 - 130	1	20
trans-Nonachlor			1.99	1.98		ug/L		100	70 - 130	7	20
Trifluralin			1.99	1.66		ug/L		83	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Nitro-m-xylene	*98*		*70 - 130*
Perylene-d12	*105*		*70 - 130*
Triphenylphosphate	*100*		*70 - 130*

Lab Sample ID: MRL 380-106647/22-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106647

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			0.0993	0.104		ug/L		105	50 - 150		
2,4'-DDD			0.0993	0.101		ug/L		102	50 - 150		
2,4'-DDE			0.0993	0.103		ug/L		104	50 - 150		
2,4'-DDT			0.0993	0.104		ug/L		105	50 - 150		
2,4-Dinitrotoluene			0.0993	0.0923	J	ug/L		93	50 - 150		
2,6-Dinitrotoluene			0.0993	0.0976	J	ug/L		98	50 - 150		
2-Methylnaphthalene			0.0993	0.102		ug/L		102	50 - 150		
4,4'-DDD			0.0993	0.111		ug/L		111	50 - 150		
4,4'-DDE			0.0993	0.100		ug/L		101	50 - 150		
4,4'-DDT			0.0993	0.100		ug/L		101	50 - 150		
Acenaphthene			0.0993	0.0916	J	ug/L		92	50 - 150		
Acenaphthylene			0.0993	0.0930	J	ug/L		94	50 - 150		

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

Lab Sample ID: MRL 380-106647/22-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Acetochlor	0.0993	0.118		ug/L		119	50 - 150
Alachlor	0.0497	0.0534		ug/L		108	50 - 150
alpha-BHC	0.0993	0.108		ug/L		108	50 - 150
alpha-Chlordane	0.0248	<0.029		ug/L		105	50 - 150
Anthracene	0.0199	0.0201		ug/L		101	50 - 150
Atrazine	0.0497	<0.048		ug/L		88	50 - 150
Benz(a)anthracene	0.0497	0.0558		ug/L		112	50 - 150
Benzo[a]pyrene	0.0199	0.0181	J	ug/L		91	50 - 150
Benzo[b]fluoranthene	0.0199	0.0166	J	ug/L		84	50 - 150
Benzo[g,h,i]perylene	0.0497	0.0435	J	ug/L		88	50 - 150
Benzo[k]fluoranthene	0.0199	<0.017		ug/L		81	50 - 150
beta-BHC	0.0993	0.103		ug/L		104	50 - 150
Bis(2-ethylhexyl) phthalate	0.596	0.598	J	ug/L		100	50 - 150
Butachlor	0.0497	0.0607		ug/L		122	50 - 150
Butylbenzylphthalate	0.497	0.539		ug/L		109	50 - 150
Chlorobenzilate	0.0993	0.0899	J	ug/L		91	50 - 150
Chloroneb	0.0993	0.0884	J	ug/L		89	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0993	0.0984	J	ug/L		99	50 - 150
Chlorpyrifos	0.0497	0.0530		ug/L		107	50 - 150
Chrysene	0.0199	0.0210		ug/L		106	50 - 150
delta-BHC	0.0993	0.109		ug/L		110	50 - 150
Di(2-ethylhexyl)adipate	0.596	0.628		ug/L		105	50 - 150
Dibenz(a,h)anthracene	0.0497	0.0453	J	ug/L		91	50 - 150
Diclorvos (DDVP)	0.0497	0.0538		ug/L		108	50 - 150
Dieldrin	0.00993	0.00977	J	ug/L		98	50 - 150
Diethylphthalate	0.497	0.515		ug/L		104	50 - 150
Dimethylphthalate	0.497	0.520		ug/L		105	50 - 150
Di-n-butyl phthalate	0.497	0.506	J	ug/L		102	49 - 243
Di-n-octyl phthalate	0.0993	0.102		ug/L		103	50 - 150
Endosulfan I (Alpha)	0.0993	0.0882	J	ug/L		89	50 - 150
Endosulfan II (Beta)	0.0993	0.117		ug/L		117	50 - 150
Endosulfan sulfate	0.0993	0.101		ug/L		102	50 - 150
Endrin	0.00993	0.0124		ug/L		125	50 - 150
Endrin aldehyde	0.0993	0.0901	J	ug/L		91	50 - 150
EPTC	0.0993	0.0929	J	ug/L		94	50 - 150
Fluoranthene	0.0993	0.0969	J	ug/L		98	50 - 150
Fluorene	0.0497	<0.050		ug/L		99	50 - 150
gamma-Chlordane	0.0248	0.0243	J	ug/L		98	50 - 150
Heptachlor	0.00993	0.0106		ug/L		107	50 - 150
Heptachlor epoxide (isomer B)	0.00993	0.0120		ug/L		120	50 - 150
Hexachlorobenzene	0.0497	0.0476	J	ug/L		96	50 - 150
Hexachlorocyclopentadiene	0.0497	0.0519		ug/L		104	50 - 150
Indeno[1,2,3-cd]pyrene	0.0497	0.0446	J	ug/L		90	50 - 150
Isophorone	0.0993	0.112		ug/L		113	50 - 150
Lindane	0.00993	0.0127		ug/L		128	50 - 150
Malathion	0.0993	0.0990		ug/L		100	50 - 150
Methoxychlor	0.0497	0.0604		ug/L		122	50 - 150
Metolachlor	0.0497	0.0549		ug/L		111	50 - 150
Molinate	0.0993	0.115		ug/L		116	50 - 150

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

Lab Sample ID: MRL 380-106647/22-A
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106647

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Naphthalene			0.0993	0.101		ug/L		101	50 - 150		
Parathion			0.0993	0.100		ug/L		101	50 - 150		
Pendimethalin (Penoxaline)			0.0993	0.0963	J	ug/L		97	50 - 150		
Phenanthrene			0.0397	0.0399	J	ug/L		100	50 - 150		
Propachlor			0.0497	0.0557		ug/L		112	50 - 150		
Pyrene			0.0497	0.0483	J	ug/L		97	50 - 150		
Simazine			0.0497	0.0418	J	ug/L		84	50 - 150		
Terbacil			0.0993	0.0879	J	ug/L		89	50 - 150		
Terbuthylazine			0.0993	0.101		ug/L		102	50 - 150		
Thiobencarb			0.0993	0.111		ug/L		111	50 - 150		
trans-Nonachlor			0.0248	<0.026		ug/L		96	50 - 150		
Trifluralin			0.0993	0.0848	J	ug/L		85	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
2-Nitro-m-xylene	*102*		*70 - 130*
Perylene-d12	*103*		*70 - 130*
Triphenylphosphate	*101*		*70 - 130*

Lab Sample ID: 380-110960-M-1-A MS
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene	<0.097		1.94	1.70		ug/L		88	70 - 130		
2,4'-DDD	<0.097		1.94	1.72		ug/L		89	70 - 130		
2,4'-DDE	<0.097		1.94	1.64		ug/L		85	70 - 130		
2,4'-DDT	<0.097		1.94	1.83		ug/L		94	70 - 130		
2,4-Dinitrotoluene	<0.097		1.94	1.51		ug/L		78	70 - 130		
2,6-Dinitrotoluene	<0.097		1.94	1.54		ug/L		80	70 - 130		
2-Methylnaphthalene	<0.097		1.94	1.70		ug/L		88	70 - 130		
4,4'-DDD	<0.097		1.94	1.86		ug/L		96	70 - 130		
4,4'-DDE	<0.097		1.94	1.49		ug/L		77	70 - 130		
4,4'-DDT	<0.097		1.94	1.72		ug/L		89	70 - 130		
Acenaphthene	<0.097		1.94	1.83		ug/L		95	70 - 130		
Acenaphthylene	<0.097		1.94	1.74		ug/L		90	70 - 130		
Acetochlor	<0.097		1.94	1.86		ug/L		96	70 - 130		
Alachlor	<0.048		1.94	1.75		ug/L		90	70 - 130		
alpha-BHC	<0.097		1.94	1.77		ug/L		91	70 - 130		
alpha-Chlordane	<0.048		1.94	1.73		ug/L		89	70 - 130		
Anthracene	<0.019	F1	1.94	0.980	F1	ug/L		51	70 - 130		
Atrazine	<0.048		1.94	1.89		ug/L		98	70 - 130		
Benz(a)anthracene	<0.048		1.94	1.65		ug/L		85	70 - 130		
Benzo[a]pyrene	<0.019		1.94	1.67		ug/L		86	70 - 130		
Benzo[b]fluoranthene	<0.019		1.94	1.99		ug/L		103	70 - 130		
Benzo[g,h,i]perylene	<0.048		1.94	2.01		ug/L		104	70 - 130		
Benzo[k]fluoranthene	<0.019		1.94	1.94		ug/L		100	70 - 130		
beta-BHC	<0.097		1.94	1.75		ug/L		90	70 - 130		
Bis(2-ethylhexyl) phthalate	<0.58		1.94	1.87		ug/L		97	70 - 130		

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

Lab Sample ID: 380-110960-M-1-A MS
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Butachlor	<0.048		1.94	1.73		ug/L		89	70 - 130
Butylbenzylphthalate	<0.48		1.94	1.87		ug/L		97	70 - 130
Chlorobenzilate	<0.097		1.94	1.64		ug/L		84	70 - 130
Chloroneb	<0.097		1.94	1.82		ug/L		94	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.097		1.94	1.73		ug/L		89	70 - 130
Chlorpyrifos	<0.048		1.94	1.93		ug/L		99	70 - 130
Chrysene	<0.019		1.94	1.88		ug/L		97	70 - 130
delta-BHC	<0.097		1.94	1.75		ug/L		90	70 - 130
Di(2-ethylhexyl)adipate	<0.58		1.94	1.76		ug/L		91	70 - 130
Dibenz(a,h)anthracene	<0.048		1.94	2.22		ug/L		114	70 - 130
Diclorvos (DDVP)	<0.048		1.94	1.66		ug/L		85	70 - 130
Dieldrin	<0.0097		1.94	1.73		ug/L		89	70 - 130
Diethylphthalate	<0.48		1.94	1.81		ug/L		93	70 - 130
Dimethylphthalate	<0.48		1.94	1.81		ug/L		94	70 - 130
Di-n-butyl phthalate	<0.97		3.88	3.44		ug/L		89	70 - 130
Di-n-octyl phthalate	<0.097		1.94	1.68		ug/L		86	70 - 130
Endosulfan I (Alpha)	<0.097		1.94	1.73		ug/L		89	70 - 130
Endosulfan II (Beta)	<0.097		1.94	1.80		ug/L		93	70 - 130
Endosulfan sulfate	<0.097		1.94	1.75		ug/L		90	70 - 130
Endrin	<0.0097		1.94	1.64		ug/L		84	70 - 130
Endrin aldehyde	<0.097		1.94	1.27		ug/L		66	60 - 130
EPTC	<0.097		1.94	1.88		ug/L		97	70 - 130
Fluoranthene	<0.097		1.94	1.83		ug/L		94	70 - 130
Fluorene	<0.048		1.94	1.81		ug/L		93	70 - 130
gamma-Chlordane	<0.048		1.94	1.68		ug/L		86	70 - 130
Heptachlor	<0.0097		1.94	1.68		ug/L		87	70 - 130
Heptachlor epoxide (isomer B)	<0.0097		1.94	1.77		ug/L		91	70 - 130
Hexachlorobenzene	<0.048		1.94	1.80		ug/L		93	70 - 130
Hexachlorocyclopentadiene	<0.048		1.94	1.88		ug/L		97	70 - 130
Indeno[1,2,3-cd]pyrene	<0.048		1.94	2.13		ug/L		110	70 - 130
Isophorone	<0.097		1.94	1.67		ug/L		86	70 - 130
Lindane	<0.0097		1.94	1.72		ug/L		89	70 - 130
Malathion	<0.097		1.94	1.70		ug/L		88	70 - 130
Methoxychlor	<0.048		1.94	1.92		ug/L		99	70 - 130
Metolachlor	<0.048		1.94	1.72		ug/L		89	70 - 130
Molinate	<0.097		1.94	1.93		ug/L		100	70 - 130
Naphthalene	<0.097		1.94	1.68		ug/L		87	70 - 130
Parathion	<0.097		1.94	1.76		ug/L		91	70 - 130
Pendimethalin (Penoxaline)	<0.097		1.94	1.72		ug/L		89	70 - 130
Phenanthrene	<0.039		1.94	1.64		ug/L		85	70 - 130
Propachlor	<0.048		1.94	1.88		ug/L		97	70 - 130
Pyrene	<0.048		1.94	1.79		ug/L		92	70 - 130
Simazine	<0.048		1.94	1.65		ug/L		85	70 - 130
Terbacil	<0.097		1.94	1.47		ug/L		76	70 - 130
Terbuthylazine	<0.097		1.94	1.92		ug/L		99	70 - 130
Thiobencarb	<0.097		1.94	1.77		ug/L		91	70 - 130
trans-Nonachlor	<0.048		1.94	1.86		ug/L		96	70 - 130
Trifluralin	<0.097		1.94	1.81		ug/L		93	70 - 130

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

Lab Sample ID: 380-110960-M-1-A MS
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 106647

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Nitro-m-xylene	*95*		*70 - 130*
Perylene-d12	*106*		*70 - 130*
Triphenylphosphate	*90*		*70 - 130*

Lab Sample ID: 380-110973-L-1-A DU
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 106647

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
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	<0.049			<0.049		ug/L				NC	20
alpha-BHC	<0.097			<0.097		ug/L				NC	20
alpha-Chlordane	<0.049			<0.049		ug/L				NC	20
Anthracene	<0.019			<0.019		ug/L				NC	20
Atrazine	<0.049			<0.049		ug/L				NC	20
Benz(a)anthracene	<0.049			<0.049		ug/L				NC	20
Benzo[a]pyrene	<0.019			<0.019		ug/L				NC	20
Benzo[b]fluoranthene	<0.019			<0.019		ug/L				NC	20
Benzo[g,h,i]perylene	<0.049			<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
Butachlor	<0.049			<0.049		ug/L				NC	20
Butylbenzylphthalate	<0.49			<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	<0.049			<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	<0.049			<0.049		ug/L				NC	20
Diclorvos (DDVP)	<0.049			<0.049		ug/L				NC	20
Dieldrin	<0.0097			<0.0097		ug/L				NC	20
Diethylphthalate	<0.49			<0.49		ug/L				NC	20
Dimethylphthalate	<0.49			<0.49		ug/L				NC	20

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

Lab Sample ID: 380-110973-L-1-A DU
Matrix: Water
Analysis Batch: 106999

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 106647

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
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	<0.049			<0.049		ug/L				NC	20
gamma-Chlordane	<0.049			<0.049		ug/L				NC	20
Heptachlor	<0.0097			<0.0097		ug/L				NC	20
Heptachlor epoxide (isomer B)	<0.0097			<0.0097		ug/L				NC	20
Hexachlorobenzene	<0.049			<0.049		ug/L				NC	20
Hexachlorocyclopentadiene	<0.049			<0.049		ug/L				NC	20
Indeno[1,2,3-cd]pyrene	<0.049			<0.049		ug/L				NC	20
Isophorone	<0.097			<0.097		ug/L				NC	20
Lindane	<0.0097			<0.0097		ug/L				NC	20
Malathion	<0.097			<0.097		ug/L				NC	20
Methoxychlor	<0.049			<0.049		ug/L				NC	20
Metolachlor	<0.049			<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	<0.049			<0.049		ug/L				NC	20
Pyrene	<0.049			<0.049		ug/L				NC	20
Simazine	<0.049			<0.049		ug/L				NC	20
Terbacil	<0.097			<0.097		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	<0.049			<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	*97*		*70 - 130*
Perylene-d12	*97*		*70 - 130*
Triphenylphosphate	*87*		*70 - 130*

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

Lab Sample ID: MB 570-475857/1-A
Matrix: Water
Analysis Batch: 478708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475857

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	08/29/24 07:10	09/09/24 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		33 - 139	08/29/24 07:10	09/09/24 11:17	1
2-Fluorobiphenyl (Surr)	73		33 - 126	08/29/24 07:10	09/09/24 11:17	1
2-Fluorophenol (Surr)	54		12 - 120	08/29/24 07:10	09/09/24 11:17	1
Nitrobenzene-d5 (Surr)	82		36 - 120	08/29/24 07:10	09/09/24 11:17	1
Phenol-d6 (Surr)	32		10 - 120	08/29/24 07:10	09/09/24 11:17	1
p-Terphenyl-d14 (Surr)	87		47 - 131	08/29/24 07:10	09/09/24 11:17	1

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

Lab Sample ID: MB 570-475857/1-A
Matrix: Water
Analysis Batch: 475795

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475857

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
2-Methylnaphthalene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Acenaphthene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Acenaphthylene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Anthracene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Benzo[a]anthracene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Benzo[a]pyrene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Chrysene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Fluoranthene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Fluorene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Naphthalene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Phenanthrene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1
Pyrene	<0.20		0.20		ug/L		08/29/24 07:10	08/29/24 13:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		28 - 127	08/29/24 07:10	08/29/24 13:25	1
2-Fluorobiphenyl (Surr)	61		31 - 120	08/29/24 07:10	08/29/24 13:25	1
2-Fluorophenol (Surr)	47		17 - 120	08/29/24 07:10	08/29/24 13:25	1
Nitrobenzene-d5 (Surr)	62		27 - 120	08/29/24 07:10	08/29/24 13:25	1
Phenol-d6 (Surr)	29		10 - 120	08/29/24 07:10	08/29/24 13:25	1
p-Terphenyl-d14 (Surr)	74		45 - 120	08/29/24 07:10	08/29/24 13:25	1

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

Lab Sample ID: LCS 570-475857/2-A
Matrix: Water
Analysis Batch: 475795

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475857

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pyrene			20.0	14.2		ug/L		71	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*28 - 127*
2-Fluorobiphenyl (Surr)	*63*		*31 - 120*
2-Fluorophenol (Surr)	*53*		*17 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*
Phenol-d6 (Surr)	*35*		*10 - 120*
p-Terphenyl-d14 (Surr)	*74*		*45 - 120*

Lab Sample ID: LCS 570-475857/2-A
Matrix: Water
Analysis Batch: 476195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475857

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	11.2		ug/L		56	47 - 120		
2-Methylnaphthalene			20.0	11.2		ug/L		56	43 - 120		
Acenaphthene			20.0	13.0		ug/L		65	60 - 132		
Acenaphthylene			20.0	13.7		ug/L		68	54 - 126		
Anthracene			20.0	14.6		ug/L		73	43 - 120		
Benzo[a]anthracene			20.0	14.0		ug/L		70	42 - 133		
Benzo[a]pyrene			20.0	14.5		ug/L		73	32 - 148		
Benzo[b]fluoranthene			20.0	14.6		ug/L		73	42 - 140		
Benzo[g,h,i]perylene			20.0	14.7		ug/L		73	1 - 195		
Benzo[k]fluoranthene			20.0	14.6		ug/L		73	25 - 146		
Chrysene			20.0	13.7		ug/L		69	44 - 140		
Dibenz(a,h)anthracene			20.0	14.9		ug/L		75	1 - 200		
Fluoranthene			20.0	15.1		ug/L		75	43 - 121		
Fluorene			20.0	13.8	*-	ug/L		69	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	14.6		ug/L		73	1 - 151		
Naphthalene			20.0	11.1		ug/L		56	36 - 120		
Phenanthrene			20.0	14.2		ug/L		71	65 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*28 - 127*
2-Fluorobiphenyl (Surr)	*66*		*31 - 120*
2-Fluorophenol (Surr)	*58*		*17 - 120*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*
Phenol-d6 (Surr)	*39*		*10 - 120*
p-Terphenyl-d14 (Surr)	*73*		*45 - 120*

Lab Sample ID: LCSD 570-475857/3-A
Matrix: Water
Analysis Batch: 475795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 475857

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene			20.0	14.6		ug/L		73	70 - 120	3	30

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

Lab Sample ID: LCSD 570-475857/3-A
Matrix: Water
Analysis Batch: 475795

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 475857

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	77		28 - 127
2-Fluorobiphenyl (Surr)	65		31 - 120
2-Fluorophenol (Surr)	53		17 - 120
Nitrobenzene-d5 (Surr)	54		27 - 120
Phenol-d6 (Surr)	35		10 - 120
p-Terphenyl-d14 (Surr)	75		45 - 120

Lab Sample ID: LCSD 570-475857/3-A
Matrix: Water
Analysis Batch: 476195

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 475857

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	11.5		ug/L		58	47 - 120	2	20
2-Methylnaphthalene			20.0	11.3		ug/L		56	43 - 120	0	20
Acenaphthene			20.0	13.3		ug/L		66	60 - 132	2	29
Acenaphthylene			20.0	14.0		ug/L		70	54 - 126	3	45
Anthracene			20.0	15.0		ug/L		75	43 - 120	3	40
Benzo[a]anthracene			20.0	14.5		ug/L		73	42 - 133	3	32
Benzo[a]pyrene			20.0	15.1		ug/L		75	32 - 148	4	43
Benzo[b]fluoranthene			20.0	15.0		ug/L		75	42 - 140	3	43
Benzo[g,h,i]perylene			20.0	15.2		ug/L		76	1 - 195	3	61
Benzo[k]fluoranthene			20.0	15.3		ug/L		76	25 - 146	5	38
Chrysene			20.0	14.2		ug/L		71	44 - 140	3	53
Dibenz(a,h)anthracene			20.0	15.2		ug/L		76	1 - 200	2	75
Fluoranthene			20.0	15.6		ug/L		78	43 - 121	4	40
Fluorene			20.0	14.2		ug/L		71	70 - 120	3	23
Indeno[1,2,3-cd]pyrene			20.0	14.9		ug/L		74	1 - 151	2	60
Naphthalene			20.0	11.4		ug/L		57	36 - 120	2	39
Phenanthrene			20.0	14.6		ug/L		73	65 - 120	3	24

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	76		28 - 127
2-Fluorobiphenyl (Surr)	69		31 - 120
2-Fluorophenol (Surr)	58		17 - 120
Nitrobenzene-d5 (Surr)	59		27 - 120
Phenol-d6 (Surr)	40		10 - 120
p-Terphenyl-d14 (Surr)	74		45 - 120

Lab Sample ID: 380-110669-1 MS
Matrix: Drinking Water
Analysis Batch: 476731

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 475857

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.19		19.2	10.0		ug/L		52	36 - 120
2-Methylnaphthalene	<0.19		19.2	9.93		ug/L		52	32 - 124
Acenaphthene	<0.19	*-	19.2	10.7		ug/L		56	47 - 145
Acenaphthylene	<0.19		19.2	11.2		ug/L		58	33 - 145
Anthracene	<0.19		19.2	11.6		ug/L		60	27 - 133

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

Lab Sample ID: 380-110669-1 MS
Matrix: Drinking Water
Analysis Batch: 476731

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 475857

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[a]anthracene	<0.19		19.2	12.2		ug/L		63	33 - 143
Benzo[a]pyrene	<0.19		19.2	9.82		ug/L		51	17 - 163
Benzo[b]fluoranthene	<0.19		19.2	10.6		ug/L		55	24 - 159
Benzo[g,h,i]perylene	<0.19		19.2	9.67		ug/L		50	1 - 219
Benzo[k]fluoranthene	<0.19		19.2	10.3		ug/L		54	11 - 162
Chrysene	<0.19		19.2	11.4		ug/L		59	17 - 168
Dibenz(a,h)anthracene	<0.19		19.2	10.2		ug/L		53	1 - 227
Fluoranthene	<0.19		19.2	12.6		ug/L		66	26 - 137
Fluorene	<0.19	F1 *-	19.2	10.9	F1	ug/L		57	59 - 121
Indeno[1,2,3-cd]pyrene	<0.19		19.2	9.99		ug/L		52	1 - 171
Naphthalene	<0.19		19.2	9.46		ug/L		49	21 - 133
Phenanthrene	<0.19	*-	19.2	11.1		ug/L		58	54 - 120
Pyrene	<0.19	*-	19.2	11.8		ug/L		61	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*28 - 127*
2-Fluorobiphenyl (Surr)	*61*		*31 - 120*
2-Fluorophenol (Surr)	*46*		*17 - 120*
Nitrobenzene-d5 (Surr)	*53*		*27 - 120*
Phenol-d6 (Surr)	*32*		*10 - 120*
p-Terphenyl-d14 (Surr)	*67*		*45 - 120*

Lab Sample ID: 380-110669-1 MSD
Matrix: Drinking Water
Analysis Batch: 476731

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 475857

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.19		19.2	10.5		ug/L		55	36 - 120	4	30
2-Methylnaphthalene	<0.19		19.2	10.2		ug/L		53	32 - 124	2	30
Acenaphthene	<0.19	*-	19.2	12.1		ug/L		63	47 - 145	12	48
Acenaphthylene	<0.19		19.2	12.7		ug/L		66	33 - 145	12	74
Anthracene	<0.19		19.2	13.0		ug/L		68	27 - 133	11	66
Benzo[a]anthracene	<0.19		19.2	13.5		ug/L		70	33 - 143	10	53
Benzo[a]pyrene	<0.19		19.2	11.6		ug/L		61	17 - 163	17	72
Benzo[b]fluoranthene	<0.19		19.2	12.0		ug/L		62	24 - 159	12	71
Benzo[g,h,i]perylene	<0.19		19.2	11.8		ug/L		61	1 - 219	20	97
Benzo[k]fluoranthene	<0.19		19.2	11.8		ug/L		61	11 - 162	13	63
Chrysene	<0.19		19.2	12.7		ug/L		66	17 - 168	10	87
Dibenz(a,h)anthracene	<0.19		19.2	12.0		ug/L		63	1 - 227	17	126
Fluoranthene	<0.19		19.2	13.5		ug/L		70	26 - 137	7	66
Fluorene	<0.19	F1 *-	19.2	12.4		ug/L		65	59 - 121	13	38
Indeno[1,2,3-cd]pyrene	<0.19		19.2	12.0		ug/L		62	1 - 171	18	99
Naphthalene	<0.19		19.2	9.96		ug/L		52	21 - 133	5	65
Phenanthrene	<0.19	*-	19.2	12.8		ug/L		67	54 - 120	14	39
Pyrene	<0.19	*-	19.2	14.3		ug/L		75	52 - 120	19	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*28 - 127*

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

Lab Sample ID: 380-110669-1 MSD
Matrix: Drinking Water
Analysis Batch: 476731

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 475857

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*
2-Fluorophenol (Surr)	*48*		*17 - 120*
Nitrobenzene-d5 (Surr)	*56*		*27 - 120*
Phenol-d6 (Surr)	*33*		*10 - 120*
p-Terphenyl-d14 (Surr)	*80*		*45 - 120*

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

Lab Sample ID: MB 570-478203/11
Matrix: Water
Analysis Batch: 478203

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			09/06/24 17:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*38 - 134*		*09/06/24 17:06*	*1*

Lab Sample ID: LCS 570-478203/10
Matrix: Water
Analysis Batch: 478203

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	354		ug/L		89	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*38 - 134*

Lab Sample ID: LCSD 570-478203/12
Matrix: Water
Analysis Batch: 478203

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	362		ug/L		90	78 - 120	2	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*38 - 134*

Lab Sample ID: MRL 570-478203/1003
Matrix: Water
Analysis Batch: 478203

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	10.6		ug/L		106	50 - 150		

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

Lab Sample ID: MRL 570-478203/1003
Matrix: Water
Analysis Batch: 478203

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

Surrogate	MRL %Recovery	MRL Qualifier	Limits
4-Bromofluorobenzene (Surr)	*80*		*38 - 134*

Lab Sample ID: 380-110669-1 MS
Matrix: Drinking Water
Analysis Batch: 478203

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
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	391		ug/L		98	68 - 122		

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

Lab Sample ID: 380-110669-1 MSD
Matrix: Drinking Water
Analysis Batch: 478203

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
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	393		ug/L		98	68 - 122	1	18

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*38 - 134*

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

Lab Sample ID: MB 570-476313/1-A
Matrix: Water
Analysis Batch: 480149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 476313

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		08/30/24 16:54	09/12/24 15:00	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		08/30/24 16:54	09/12/24 15:00	1
C8-C18	<25		25		ug/L		08/30/24 16:54	09/12/24 15:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*86*		*60 - 130*	*08/30/24 16:54*	*09/12/24 15:00*	*1*

Lab Sample ID: LCS 570-476313/2-A
Matrix: Water
Analysis Batch: 480149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476313

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1280		ug/L		80	56 - 127		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	*89*		*60 - 130*

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

Lab Sample ID: LCSD 570-476313/3-A
Matrix: Water
Analysis Batch: 480149

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 476313

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1370		ug/L		86	56 - 127	7	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 130*

Lab Sample ID: MRL 570-476313/4-A
Matrix: Water
Analysis Batch: 480149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 476313

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0246	J	mg/L		123	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 130*

Lab Sample ID: 380-110669-1 MS
Matrix: Drinking Water
Analysis Batch: 480149

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 476313

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26		1660	1450		ug/L		87	70 - 130		

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

Lab Sample ID: 380-110669-1 MSD
Matrix: Drinking Water
Analysis Batch: 480149

Client Sample ID: HALAWA WELLS UNITS 1 & 2 (331-206-TP065)
Prep Type: Total/NA
Prep Batch: 476313

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1670	1370		ug/L		82	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 105975

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	
MB 380-105975/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-105975/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-105975/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-105975/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-110542-AI-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-110544-H-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 106221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	105975
MB 380-105975/21-A	Method Blank	Total/NA	Water	525.2	105975
LCS 380-105975/23-A	Lab Control Sample	Total/NA	Water	525.2	105975
LCSD 380-105975/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	105975
MRL 380-105975/22-A	Lab Control Sample	Total/NA	Water	525.2	105975
380-110542-AI-1-A MS	Matrix Spike	Total/NA	Water	525.2	105975
380-110544-H-1-A DU	Duplicate	Total/NA	Water	525.2	105975

Prep Batch: 106647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	
MB 380-106647/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-106647/23-A	Lab Control Sample	Total/NA	Water	525.2	
LCSD 380-106647/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	
MRL 380-106647/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-110960-M-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-110973-L-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 106999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	525.2	106647
MB 380-106647/21-A	Method Blank	Total/NA	Water	525.2	106647
LCS 380-106647/23-A	Lab Control Sample	Total/NA	Water	525.2	106647
LCSD 380-106647/24-A	Lab Control Sample Dup	Total/NA	Water	525.2	106647
MRL 380-106647/22-A	Lab Control Sample	Total/NA	Water	525.2	106647
380-110960-M-1-A MS	Matrix Spike	Total/NA	Water	525.2	106647
380-110973-L-1-A DU	Duplicate	Total/NA	Water	525.2	106647

Analysis Batch: 475795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-475857/1-A	Method Blank	Total/NA	Water	625.1 SIM	475857
LCS 570-475857/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	475857
LCSD 570-475857/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	475857

Prep Batch: 475857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0(	Total/NA	Drinking Water	625.1	
MB 570-475857/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-475857/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-475857/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	625.1	

GC/MS Semi VOA (Continued)

Prep Batch: 475857 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	625.1	

Analysis Batch: 476195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-475857/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	475857
LCSD 570-475857/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	475857

Analysis Batch: 476731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	625.1 SIM	475857
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	625.1 SIM	475857
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	625.1 SIM	475857

Analysis Batch: 478708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	625.1	475857
MB 570-475857/1-A	Method Blank	Total/NA	Water	625.1	475857

GC VOA

Analysis Batch: 478203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	8015B GRO LL	
380-110669-2	TB: HALAWA WELLS UNITS 1&2 P1 (331-206-TI	Total/NA	Water	8015B GRO LL	
MB 570-478203/11	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-478203/10	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-478203/12	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-478203/1003	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	8015B GRO LL	
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 476313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP0	Total/NA	Drinking Water	3510C	
MB 570-476313/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-476313/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-476313/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-476313/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	3510C	
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	3510C	

Analysis Batch: 480149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380 110669 1	HALAWA WELLS UNITS 1 & 2 P1 (331 206 TP0	Total/NA	Drinking Water	8015B	476313
MB 570-476313/1-A	Method Blank	Total/NA	Water	8015B	476313
LCS 570-476313/2-A	Lab Control Sample	Total/NA	Water	8015B	476313
LCSD 570-476313/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	476313
MRL 570-476313/4-A	Lab Control Sample	Total/NA	Water	8015B	476313
380-110669-1 MS	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	8015B	476313
380-110669-1 MSD	HALAWA WELLS UNITS 1 & 2 (331-206-TP065)	Total/NA	Drinking Water	8015B	476313

Lab Chronicle

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

Job ID: 380-110669-1
SDG: Weekly

Client Sample ID: HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-1

Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			105975	IQ42	EA POM	08/29/24 14:50
Total/NA	Analysis	525.2		1	106221	UPAC	EA POM	08/30/24 17:51
Total/NA	Prep	525.2			106647	OTM3	EA POM	09/04/24 10:00
Total/NA	Analysis	525.2		1	106999	UPAC	EA POM	09/05/24 16:25
Total/NA	Prep	625.1			475857	PQS1	EET CAL 4	08/30/24 05:18
Total/NA	Analysis	625.1		1	478708	CG	EET CAL 4	09/09/24 14:23
Total/NA	Prep	625.1			475857	PQS1	EET CAL 4	08/30/24 05:18
Total/NA	Analysis	625.1 SIM		1	476731	PQS1	EET CAL 4	09/03/24 14:47
Total/NA	Analysis	8015B GRO LL		1	478203	A9VE	EET CAL 4	09/06/24 18:12
Total/NA	Prep	3510C			476313	U8EU	EET CAL 4	08/30/24 16:57
Total/NA	Analysis	8015B		1	480149	SP9M	EET CAL 4	09/12/24 17:16

Client Sample ID: TB: HALAWA WELLS UNITS 1&2 P1 (331-206-TP065)

Lab Sample ID: 380-110669-2

Date Collected: 08/26/24 10:13
Date Received: 08/28/24 09:54

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	478203	A9VE	EET CAL 4	09/06/24 19:22

Laboratory References:

EA POM = Eurofins Eaton Analytical 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: 380-110669-1
SDG: Weekly

Laboratory: Eurofins Eaton Analytical 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	01-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
525.2	525.2	Drinking Water	1-Methylnaphthalene
525.2	525.2	Drinking Water	2,4'-DDD
525.2	525.2	Drinking Water	2,4'-DDE
525.2	525.2	Drinking Water	2,4'-DDT
525.2	525.2	Drinking Water	2,4-Dinitrotoluene
525.2	525.2	Drinking Water	2,6-Dinitrotoluene
525.2	525.2	Drinking Water	2-Methylnaphthalene
525.2	525.2	Drinking Water	4,4'-DDD
525.2	525.2	Drinking Water	4,4'-DDE
525 2	525 2	Drinking Water	4,4' DDT
525.2	525.2	Drinking Water	Acetochlor
525.2	525.2	Drinking Water	alpha-BHC
525.2	525.2	Drinking Water	alpha-Chlordane
525.2	525.2	Drinking Water	beta-BHC
525.2	525.2	Drinking Water	Chlorobenzilate
525.2	525.2	Drinking Water	Chloroneb
525.2	525.2	Drinking Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Drinking Water	Chlorpyrifos
525.2	525.2	Drinking Water	delta-BHC
525.2	525.2	Drinking Water	Diclorvos (DDVP)
525.2	525.2	Drinking Water	Endosulfan I (Alpha)
525.2	525.2	Drinking Water	Endosulfan II (Beta)
525.2	525.2	Drinking Water	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde
525.2	525.2	Drinking Water	EPTC
525.2	525.2	Drinking Water	gamma-Chlordane
525.2	525.2	Drinking Water	Isophorone
525.2	525.2	Drinking Water	Malathion
525.2	525.2	Drinking Water	Parathion
525.2	525.2	Drinking Water	Pendimethalin (Penoxaline)
525.2	525.2	Drinking Water	Terbacil
525.2	525.2	Drinking Water	Terbuthylazine
525.2	525.2	Drinking Water	Total Permethrin (mixed isomers)
525.2	525.2	Drinking Water	trans-Nonachlor

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0830	11-16-24
Arkansas DEQ	State	88-0161	07-02-25
California	Los Angeles County Sanitation Districts	9257304	08-01-24 *
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-25
Nevada	State	CA00111	09-12-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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

Job ID: 380-110669-1
SDG: Weekly

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
Oregon	NELAP	4175	02-02-25
USDA	US Federal Programs	P330-22-00059	06-08-26
Washington	State	C916-18	10-11-24

Method Summary

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

Job ID: 380-110669-1
SDG: Weekly

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 Eaton Analytical 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: 380-110669-1
SDG: Weekly

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-110669-1	HALAWA WELLS UNITS 1 & 2 P1 (331-206-TP065)	Drinking Water	08/26/24 10:13	08/28/24 09:54
380-110669-2	TB: HALAWA WELLS UNITS 1&2 P1 (331-206-TP065)	Water	08/26/24 10:13	08/28/24 09:54

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

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: bailey	Lab PM: Arada Rachelle	380-110669 COC	Carrier Tracking No(s):	COC No: 380-28005-2757 1
Client Contact: Dr Ron Fenstemacher	Phone: +1 808 748 5840	E-Mail: Rachelle.Arada@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: 808-748-5091(Tel)	PO #: C20525101 exp 05312023				
Email: RFENSTEMACHER@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	537 1_DW_PREC - 537 1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA	Y	I		
Halawa Wells Units 1 & 2 D1	26-Aug-2024	1013	G	Water		X	4	5	4	2				
Halawa Wells Units 1 & 2 (Matrix Spike)				Water			X	X	X					
Halawa Wells Units 1 & 2 (Matrix Spike Duplicate)				Water			X	X	X					
TB Halawa Wells Units 1 & 2	26-Aug-2024	1013		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.
① 7782 2165 6640

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FED EX ② 7782 2165 6650

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[redacted]	27AUG2024 1400	HBWS	G.RETTNER	08/28/2024 09:54	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:
751A ① 4.1°-0.1°=4.0° ② 2.9°-0.1°=2.8° GEL-FROZEN

Ver: 04/02/2024

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

Chain of Custody Record

eurofins | Env

Loc. 380
110669

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Arada, Rachelle	Carrier Tracking No(s):	COC No: 380-149351 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Rachelle.Arada@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest,		Accreditations Required (See note): State Hawaii		Job #: 380-110669-1
Address: 2841 Dow Avenue, Suite 100	Due Date Requested: 9/11/2024	Analysis Requested		Preservation Codes:
City: Tustin	TAT Requested (days):			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #:			
Email	WO #:			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#:			Other:

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_CSI/5310C_LL HNL 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 WELLS UNITS 1 & 2 (331-206-TP065) (380-110669-1)	8/26/24	10:13 Hawaiian	G	Water			X	X	X	X	7	initial volume (500ml) and final volume (2ml). MRLs are needed.
HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-110669-1M	8/26/24	10:13 Hawaiian	G	Water			X	X	X	X	3	initial volume (500ml) and final volume (2ml). MRLs are needed.
HALAWA WELLS UNITS 1 & 2 (331-206-TP065) (380-110669-1M	8/26/24	10:13 Hawaiian	G	Water			X	X	X	X	3	initial volume (500ml) and final volume (2ml). MRLs are needed.
TB. HALAWA WELLS UNITS 1&2 (331-206-TP065) (380-110669-	8/26/24	10:13 Hawaiian	G	Water				X			2	MRLs are needed.

380-110669 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Eaton Analytical, 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 Eaton Analytical LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Eaton Analytical, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Eaton Analytical, 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
	8/29/24 1111			8/29/24 14:11	EC
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:
		1.9 / 1.9 SCI2

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-110669-1
SDG Number: Weekly

Login Number: 110669
List Number: 1
Creator: Gerfen, Chris

List Source: Eurofins Eaton Analytical 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: 380-110669-1
SDG Number: Weekly

Login Number: 110669
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 08/29/24 04:48 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.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	