

# ANALYTICAL REPORT

## PREPARED FOR

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## JOB DESCRIPTION

RED-HILL  
Weekly: Aiea Wells P2

## JOB NUMBER

380-220467-1

# Eurofins Pomona

## Job Notes

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

## Compliance Statement

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

## Authorization



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# Definitions/Glossary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

## Qualifiers

### GC/MS 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.

### 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
S1+	Surrogate recovery exceeds control limits, high biased.

## Glossary

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

# Case Narrative

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

Job ID: 380-220467-1

**Job ID: 380-220467-1**

**Eurofins Pomona**

## Job Narrative 380-220467-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

### Receipt

The sample was received on 6/18/2026 9:43 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

### Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: AIEA WELLS P2 (260) (331-004-WL103) (380-220467-1).

8015B\_GRO TB was not received, analysis of the trip blank is required only if a field sample contains a method analyte or analytes at, or above the MRL. Sample results showed non detected thus valid for reporting. (XWB4)

### GC/MS Semi VOA

Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-757352.

Method 625.1 SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-757352.

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

### Gasoline Range Organics

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

### Diesel Range Organics

Method 8015B: Surrogate recovery for the following sample was outside the upper control limit: AIEA WELLS P2 (260) (331-004-WL103) (380-220467-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method: 8015B\_DRO\_LL\_CS

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

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# Detection Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**  
**PWSID Number: HI0000331**

**Lab Sample ID: 380-220467-1**

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.015		0.0098	ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		0.0098	ug/L	1		525.2	Total/NA

This Detection Summary does not include radiochemical test results.

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# Client Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**

**Lab Sample ID: 380-220467-1**

Date Collected: 06/17/26 09:00

Matrix: Drinking Water

Date Received: 06/18/26 09:43

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2,4'-DDD	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2,4'-DDE	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2,4'-DDT	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2,4-Dinitrotoluene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2,6-Dinitrotoluene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
2-Methylnaphthalene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
4,4'-DDD	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
4,4'-DDE	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
4,4'-DDT	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Acenaphthene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Acenaphthylene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Acetochlor	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Alachlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
alpha-BHC	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
alpha-Chlordane	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Anthracene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 19:20	1
Atrazine	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Benz(a)anthracene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Benzo[a]pyrene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 19:20	1
Benzo[b]fluoranthene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 19:20	1
Benzo[g,h,i]perylene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Benzo[k]fluoranthene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 19:20	1
beta-BHC	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59	ug/L		06/22/26 14:16	06/23/26 19:20	1
Bromacil	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Butachlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Butylbenzylphthalate	<0.49		0.49	ug/L		06/22/26 14:16	06/23/26 19:20	1
Chlorobenzilate	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Chloroneb	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Chlorpyrifos	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Chrysene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 19:20	1
delta-BHC	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Di(2-ethylhexyl)adipate	<0.59		0.59	ug/L		06/22/26 14:16	06/23/26 19:20	1
Dibenz(a,h)anthracene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Diclorvos (DDVP)	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
<b>Dieldrin</b>	<b>0.015</b>		0.0098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Diethylphthalate	<0.49		0.49	ug/L		06/22/26 14:16	06/23/26 19:20	1
Dimethylphthalate	<0.49		0.49	ug/L		06/22/26 14:16	06/23/26 19:20	1
Di-n-butyl phthalate	<0.98		0.98	ug/L		06/22/26 14:16	06/23/26 19:20	1
Di-n-octyl phthalate	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Endosulfan I (Alpha)	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Endosulfan II (Beta)	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Endosulfan sulfate	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Endrin	<0.0098		0.0098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Endrin aldehyde	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
EPTC	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Fluoranthene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1

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# Client Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**

**Lab Sample ID: 380-220467-1**

Date Collected: 06/17/26 09:00

Matrix: Drinking Water

Date Received: 06/18/26 09:43

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
gamma-Chlordane	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Heptachlor	<0.0098		0.0098	ug/L		06/22/26 14:16	06/23/26 19:20	1
<b>Heptachlor epoxide (isomer B)</b>	<b>0.011</b>		0.0098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Hexachlorobenzene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Hexachlorocyclopentadiene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Isophorone	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Lindane	<0.0098		0.0098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Malathion	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Methoxychlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Metolachlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Molinate	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Naphthalene	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Parathion	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Pendimethalin (Penoxaline)	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Phenanthrene	<0.039		0.039	ug/L		06/22/26 14:16	06/23/26 19:20	1
Propachlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Pyrene	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Simazine	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Terbacil	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Terbutylazine	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Thiobencarb	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		06/22/26 14:16	06/23/26 19:20	1
trans-Nonachlor	<0.049		0.049	ug/L		06/22/26 14:16	06/23/26 19:20	1
Trifluralin	<0.098		0.098	ug/L		06/22/26 14:16	06/23/26 19:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	06/22/26 14:16	06/23/26 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	98		70 - 130	06/22/26 14:16	06/23/26 19:20	1
Perylene-d12	88		70 - 130	06/22/26 14:16	06/23/26 19:20	1
Triphenylphosphate	91		70 - 130	06/22/26 14:16	06/23/26 19:20	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		06/21/26 08:48	06/24/26 11:36	1
2-Methylnaphthalene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Acenaphthene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Acenaphthylene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Anthracene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Benzo[a]anthracene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Benzo[a]pyrene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Benzo[b]fluoranthene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Benzo[g,h,i]perylene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Benzo[k]fluoranthene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Chrysene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Dibenz(a,h)anthracene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Fluoranthene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1

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# Client Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**

**Lab Sample ID: 380-220467-1**

Date Collected: 06/17/26 09:00

Matrix: Drinking Water

Date Received: 06/18/26 09:43

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Naphthalene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Phenanthrene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1
Pyrene	<0.19		0.19	ug/L		06/21/26 08:48	06/24/26 11:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		28 - 127	06/21/26 08:48	06/24/26 11:36	1
2-Fluorobiphenyl (Surr)	65		31 - 120	06/21/26 08:48	06/24/26 11:36	1
2-Fluorophenol (Surr)	62		17 - 120	06/21/26 08:48	06/24/26 11:36	1
Nitrobenzene-d5 (Surr)	62		27 - 120	06/21/26 08:48	06/24/26 11:36	1
Phenol-d6 (Surr)	47		10 - 120	06/21/26 08:48	06/24/26 11:36	1
p-Terphenyl-d14 (Surr)	64		45 - 120	06/21/26 08:48	06/24/26 11:36	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	06/21/26 08:48	06/29/26 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		33 - 139	06/21/26 08:48	06/29/26 19:15	1
2-Fluorobiphenyl (Surr)	57		33 - 126	06/21/26 08:48	06/29/26 19:15	1
2-Fluorophenol (Surr)	54		12 - 120	06/21/26 08:48	06/29/26 19:15	1
Nitrobenzene-d5 (Surr)	71		36 - 120	06/21/26 08:48	06/29/26 19:15	1
Phenol-d6 (Surr)	39		10 - 120	06/21/26 08:48	06/29/26 19:15	1
p-Terphenyl-d14 (Surr)	59		47 - 131	06/21/26 08:48	06/29/26 19:15	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			06/30/26 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		38 - 134		06/30/26 14:53	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)	<27		27	ug/L		06/19/26 07:23	07/01/26 08:52	1
Motor Oil Range Organics [C24-C36]	<27		27	ug/L		06/19/26 07:23	07/01/26 08:52	1
C8-C18	<27		27	ug/L		06/19/26 07:23	07/01/26 08:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	146	S1+	60 - 130	06/19/26 07:23	07/01/26 08:52	1

# Action Limit Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**  
**PWSID Number: HI0000331**

**Lab Sample ID: 380-220467-1**

## 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	RL	Method	Prep Type
				Limit			
Alachlor	<0.049		ug/L	2	0.049	525.2	Total/NA
Atrazine	<0.049		ug/L	3	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L	6	0.59	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L	400	0.59	525.2	Total/NA
Endrin	<0.0098		ug/L	2	0.0098	525.2	Total/NA
Heptachlor	<0.0098		ug/L	0.4	0.0098	525.2	Total/NA
Heptachlor epoxide (isomer B)	0.011		ug/L	0.2	0.0098	525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L	1	0.049	525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L	50	0.049	525.2	Total/NA
Lindane	<0.0098		ug/L	0.2	0.0098	525.2	Total/NA
Methoxychlor	<0.049		ug/L	40	0.049	525.2	Total/NA
Simazine	<0.049		ug/L	4	0.049	525.2	Total/NA
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

# Surrogate Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2NMX (70-130)	PRY (70-130)	TPP (70-130)
380-220467-1	AIEA WELLS P2 (260) (331-004)	98	88	91

**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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2NMX (70-130)	PRY (70-130)	TPP (70-130)
380-220437-I-1-A MS	Matrix Spike	98	92	94
380-220460-I-1-A DU	Duplicate	98	87	89
LCS 380-235470/23-A	Lab Control Sample	96	91	94
MB 380-235470/21-A	Method Blank	98	89	90
MRL 380-235470/22-A	Lab Control Sample	96	89	92

**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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-139)	FBP (33-126)	2FP (12-120)	NBZ (36-120)	PHL6 (10-120)	TPHd14 (47-131)
380-220467-1	AIEA WELLS P2 (260) (331-004)	54	57	54	71	39	59

**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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
380-220467-1	AIEA WELLS P2 (260) (331-004)	66	65	62	62	47	64

**Surrogate Legend**

TBP = 2,4,6-Tribromophenol (Surr)  
FBP = 2-Fluorobiphenyl (Surr)  
2FP = 2-Fluorophenol (Surr)  
NBZ = Nitrobenzene-d5 (Surr)

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# Surrogate Summary

Client: City & County of Honolulu

Project/Site: RED-HILL

PHL6 = Phenol-d6 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

Job ID: 380-220467-1

SDG: Weekly: Aiea Wells P2

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
LCS 570-757352/2-A	Lab Control Sample	82	82	73	77	47	88
LCSD 570-757352/3-A	Lab Control Sample Dup	83	78	71	74	45	88
MB 570-757352/1-A	Method Blank	92	93	70	90	43	90

### Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL6 = Phenol-d6 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB1 (38-134)
380-220467-1	AIEA WELLS P2 (260) (331-004)	105

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		BFB1 (38-134)
380-221324-A-1 MS	Matrix Spike	105
380-221324-A-1 MSD	Matrix Spike Duplicate	104
LCS 570-762338/3	Lab Control Sample	99
LCSD 570-762338/4	Lab Control Sample Dup	100
MB 570-762338/6	Method Blank	101
MRL 570-762338/5	Lab Control Sample	101

### Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1 (60-130)
380-220467-1	AIEA WELLS P2 (260) (331-004)	146 S1+

### Surrogate Legend

OTCSN = n-Octacosane (Surr)

# Surrogate Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Matrix: Water**

**Prep Type: Total/NA**

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-220225-I-1-A MS	Matrix Spike	111
380-220225-K-1-A MSD	Matrix Spike Duplicate	106
LCS 570-756769/2-A	Lab Control Sample	112
LCSD 570-756769/3-A	Lab Control Sample Dup	103
MB 570-756769/1-A	Method Blank	105
MRL 570-756769/4-A	Lab Control Sample	115

### Surrogate Legend

OTCSN = n-Octacosane (Surr)

# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: MB 380-235470/21-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1-Methylnaphthalene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2,4'-DDD	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2,4'-DDE	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2,4'-DDT	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2,4-Dinitrotoluene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2,6-Dinitrotoluene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
2-Methylnaphthalene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
4,4'-DDD	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
4,4'-DDE	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
4,4'-DDT	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Acenaphthene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Acenaphthylene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Acetochlor	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Alachlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
alpha-BHC	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
alpha-Chlordane	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Anthracene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 13:56	1
Atrazine	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Benz(a)anthracene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Benzo[a]pyrene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 13:56	1
Benzo[b]fluoranthene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 13:56	1
Benzo[g,h,i]perylene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Benzo[k]fluoranthene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 13:56	1
beta-BHC	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60	ug/L		06/22/26 14:16	06/23/26 13:56	1
Bromacil	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Butachlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Butylbenzylphthalate	<0.50		0.50	ug/L		06/22/26 14:16	06/23/26 13:56	1
Chlorobenzilate	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Chloroneb	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Chlorpyrifos	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Chrysene	<0.020		0.020	ug/L		06/22/26 14:16	06/23/26 13:56	1
delta-BHC	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Di(2-ethylhexyl)adipate	<0.60		0.60	ug/L		06/22/26 14:16	06/23/26 13:56	1
Dibenz(a,h)anthracene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Diclorvos (DDVP)	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Dieldrin	<0.0099		0.0099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Diethylphthalate	<0.50		0.50	ug/L		06/22/26 14:16	06/23/26 13:56	1
Dimethylphthalate	<0.50		0.50	ug/L		06/22/26 14:16	06/23/26 13:56	1
Di-n-butyl phthalate	<0.99		0.99	ug/L		06/22/26 14:16	06/23/26 13:56	1
Di-n-octyl phthalate	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Endosulfan I (Alpha)	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Endosulfan II (Beta)	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Endosulfan sulfate	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Endrin	<0.0099		0.0099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Endrin aldehyde	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
EPTC	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: MB 380-235470/21-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Fluorene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
gamma-Chlordane	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Heptachlor	<0.0099		0.0099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Hexachlorobenzene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Hexachlorocyclopentadiene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Isophorone	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Lindane	<0.0099		0.0099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Malathion	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Methoxychlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Metolachlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Molinate	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Naphthalene	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Parathion	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Pendimethalin (Penoxaline)	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Phenanthrene	<0.040		0.040	ug/L		06/22/26 14:16	06/23/26 13:56	1
Propachlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Pyrene	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Simazine	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Terbacil	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Terbutylazine	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Thiobencarb	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		06/22/26 14:16	06/23/26 13:56	1
trans-Nonachlor	<0.050		0.050	ug/L		06/22/26 14:16	06/23/26 13:56	1
Trifluralin	<0.099		0.099	ug/L		06/22/26 14:16	06/23/26 13:56	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Undecane	5.47	T J N	ug/L		3.14	1120-21-4	06/22/26 14:16	06/23/26 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	98		70 - 130	06/22/26 14:16	06/23/26 13:56	1
Perylene-d12	89		70 - 130	06/22/26 14:16	06/23/26 13:56	1
Triphenylphosphate	90		70 - 130	06/22/26 14:16	06/23/26 13:56	1

**Lab Sample ID: LCS 380-235470/23-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.99	2.08		ug/L		104	70 - 130
2,4'-DDD	1.99	2.00		ug/L		101	70 - 130
2,4'-DDE	1.99	2.08		ug/L		104	70 - 130
2,4'-DDT	1.99	1.99		ug/L		100	70 - 130
2,4-Dinitrotoluene	1.99	1.85		ug/L		93	70 - 130
2,6-Dinitrotoluene	1.99	1.86		ug/L		94	70 - 130
2-Methylnaphthalene	1.99	1.97		ug/L		99	70 - 130

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: LCS 380-235470/23-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	1.99	1.95		ug/L		98	70 - 130
4,4'-DDE	1.99	1.94		ug/L		98	70 - 130
4,4'-DDT	1.99	1.94		ug/L		98	70 - 130
Acenaphthene	1.99	1.99		ug/L		100	70 - 130
Acenaphthylene	1.99	2.00		ug/L		100	70 - 130
Acetochlor	1.99	2.02		ug/L		102	70 - 130
Alachlor	1.99	2.05		ug/L		103	70 - 130
alpha-BHC	1.99	1.97		ug/L		99	70 - 130
alpha-Chlordane	1.99	2.08		ug/L		105	70 - 130
Anthracene	1.99	1.92		ug/L		97	70 - 130
Atrazine	1.99	2.13		ug/L		107	70 - 130
Benz(a)anthracene	1.99	1.94		ug/L		98	70 - 130
Benzo[a]pyrene	1.99	1.85		ug/L		93	70 - 130
Benzo[b]fluoranthene	1.99	1.86		ug/L		94	70 - 130
Benzo[g,h,i]perylene	1.99	1.81		ug/L		91	70 - 130
Benzo[k]fluoranthene	1.99	1.89		ug/L		95	70 - 130
beta-BHC	1.99	1.96		ug/L		99	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	1.82		ug/L		92	70 - 130
Bromacil	1.99	1.73		ug/L		87	70 - 130
Butachlor	1.99	1.97		ug/L		99	70 - 130
Butylbenzylphthalate	1.99	1.95		ug/L		98	70 - 130
Chlorobenzilate	1.99	1.85		ug/L		93	70 - 130
Chloroneb	1.99	2.03		ug/L		102	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.04		ug/L		103	70 - 130
Chlorpyrifos	1.99	2.06		ug/L		103	70 - 130
Chrysene	1.99	1.98		ug/L		100	70 - 130
delta-BHC	1.99	1.94		ug/L		97	70 - 130
Di(2-ethylhexyl)adipate	1.99	1.93		ug/L		97	70 - 130
Dibenz(a,h)anthracene	1.99	1.84		ug/L		93	70 - 130
Diclorvos (DDVP)	1.99	1.90		ug/L		96	70 - 130
Dieldrin	1.99	1.99		ug/L		100	70 - 130
Diethylphthalate	1.99	2.14		ug/L		107	70 - 130
Dimethylphthalate	1.99	2.08		ug/L		105	70 - 130
Di-n-butyl phthalate	3.97	4.30		ug/L		108	70 - 130
Di-n-octyl phthalate	1.99	1.72		ug/L		86	70 - 130
Endosulfan I (Alpha)	1.99	1.95		ug/L		98	70 - 130
Endosulfan II (Beta)	1.99	1.92		ug/L		97	70 - 130
Endosulfan sulfate	1.99	1.92		ug/L		97	70 - 130
Endrin	1.99	2.09		ug/L		105	70 - 130
Endrin aldehyde	1.99	1.83		ug/L		92	60 - 130
EPTC	1.99	2.06		ug/L		104	70 - 130
Fluoranthene	1.99	2.08		ug/L		105	70 - 130
Fluorene	1.99	2.08		ug/L		105	70 - 130
gamma-Chlordane	1.99	2.02		ug/L		102	70 - 130
Heptachlor	1.99	2.18		ug/L		110	70 - 130
Heptachlor epoxide (isomer B)	1.99	2.04		ug/L		103	70 - 130
Hexachlorobenzene	1.99	1.98		ug/L		100	70 - 130
Hexachlorocyclopentadiene	1.99	2.12		ug/L		107	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	1.81		ug/L		91	70 - 130

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: LCS 380-235470/23-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Isophorone	1.99	1.94		ug/L		98	70 - 130
Lindane	1.99	2.04		ug/L		103	70 - 130
Malathion	1.99	2.04		ug/L		103	70 - 130
Methoxychlor	1.99	1.96		ug/L		99	70 - 130
Metolachlor	1.99	1.97		ug/L		99	70 - 130
Molinate	1.99	2.09		ug/L		105	70 - 130
Naphthalene	1.99	2.05		ug/L		103	70 - 130
Parathion	1.99	1.91		ug/L		96	70 - 130
Pendimethalin (Penoxaline)	1.99	1.87		ug/L		94	70 - 130
Phenanthrene	1.99	2.01		ug/L		101	70 - 130
Propachlor	1.99	2.04		ug/L		102	70 - 130
Pyrene	1.99	2.10		ug/L		106	70 - 130
Simazine	1.99	2.10		ug/L		106	70 - 130
Terbacil	1.99	1.77		ug/L		89	70 - 130
Terbutylazine	1.99	2.10		ug/L		106	70 - 130
Thiobencarb	1.99	2.08		ug/L		105	70 - 130
trans-Nonachlor	1.99	2.08		ug/L		105	70 - 130
Trifluralin	1.99	1.74		ug/L		87	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Nitro-m-xylene	96		70 - 130
Perylene-d12	91		70 - 130
Triphenylphosphate	94		70 - 130

**Lab Sample ID: MRL 380-235470/22-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0997	0.127		ug/L		127	50 - 150
2,4'-DDD	0.0997	0.103		ug/L		103	50 - 150
2,4'-DDE	0.0997	0.117		ug/L		117	50 - 150
2,4'-DDT	0.0997	0.129		ug/L		129	50 - 150
2,4-Dinitrotoluene	0.0997	0.126		ug/L		127	50 - 150
2,6-Dinitrotoluene	0.0997	0.121		ug/L		122	50 - 150
2-Methylnaphthalene	0.0997	0.126		ug/L		126	50 - 150
4,4'-DDD	0.0997	0.116		ug/L		116	50 - 150
4,4'-DDE	0.0997	0.113		ug/L		114	50 - 150
4,4'-DDT	0.0997	0.129		ug/L		129	50 - 150
Acenaphthene	0.0997	0.109		ug/L		109	50 - 150
Acenaphthylene	0.0997	0.0953	J	ug/L		96	50 - 150
Acetochlor	0.0997	0.111		ug/L		112	50 - 150
Alachlor	0.0499	0.0609		ug/L		122	50 - 150
alpha-BHC	0.0997	0.115		ug/L		116	50 - 150
alpha-Chlordane	0.0249	0.0294	J	ug/L		118	50 - 150
Anthracene	0.0199	0.0242		ug/L		121	50 - 150
Atrazine	0.0499	0.0591		ug/L		119	50 - 150
Benz(a)anthracene	0.0499	0.0582		ug/L		117	50 - 150

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: MRL 380-235470/22-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike	MRL	MRL	Unit	D	%Rec	%Rec Limits
	Added	Result	Qualifier				
Benzo[a]pyrene	0.0199	0.0217		ug/L		109	50 - 150
Benzo[b]fluoranthene	0.0199	0.0252		ug/L		127	50 - 150
Benzo[g,h,i]perylene	0.0499	0.0502		ug/L		101	50 - 150
Benzo[k]fluoranthene	0.0199	0.0292		ug/L		147	50 - 150
beta-BHC	0.0997	0.120		ug/L		120	50 - 150
Bis(2-ethylhexyl) phthalate	0.598	0.636		ug/L		106	50 - 150
Bromacil	0.0997	0.126		ug/L		126	50 - 150
Butachlor	0.0499	0.0612		ug/L		123	50 - 150
Butylbenzylphthalate	0.499	0.591		ug/L		119	50 - 150
Chlorobenzilate	0.0997	0.109		ug/L		109	50 - 150
Chloroneb	0.0997	0.119		ug/L		119	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0997	0.112		ug/L		113	50 - 150
Chlorpyrifos	0.0499	0.0572		ug/L		115	50 - 150
Chrysene	0.0199	0.0279		ug/L		140	50 - 150
delta-BHC	0.0997	0.127		ug/L		127	50 - 150
Di(2-ethylhexyl)adipate	0.598	0.707		ug/L		118	50 - 150
Dibenz(a,h)anthracene	0.0499	0.0499	J	ug/L		100	50 - 150
Diclorvos (DDVP)	0.0499	0.0676		ug/L		136	50 - 150
Dieldrin	0.00997	0.0129		ug/L		129	50 - 150
Diethylphthalate	0.499	0.650		ug/L		130	50 - 150
Dimethylphthalate	0.499	0.628		ug/L		126	50 - 150
Di-n-butyl phthalate	0.499	0.677	J	ug/L		136	49 - 243
Di-n-octyl phthalate	0.0997	0.0982	J	ug/L		98	50 - 150
Endosulfan I (Alpha)	0.0997	0.0819	J	ug/L		82	50 - 150
Endosulfan II (Beta)	0.0997	0.111		ug/L		112	50 - 150
Endosulfan sulfate	0.0997	0.120		ug/L		120	50 - 150
Endrin	0.00997	0.0118		ug/L		118	50 - 150
Endrin aldehyde	0.0997	0.123		ug/L		123	50 - 150
EPTC	0.0997	0.115		ug/L		115	50 - 150
Fluoranthene	0.0997	0.113		ug/L		114	50 - 150
Fluorene	0.0499	0.0610		ug/L		122	50 - 150
gamma-Chlordane	0.0249	0.0255	J	ug/L		102	50 - 150
Heptachlor	0.00997	0.0145		ug/L		145	50 - 150
Heptachlor epoxide (isomer B)	0.00997	0.0125		ug/L		125	50 - 150
Hexachlorobenzene	0.0499	0.0587		ug/L		118	50 - 150
Hexachlorocyclopentadiene	0.0499	0.0694		ug/L		139	50 - 150
Indeno[1,2,3-cd]pyrene	0.0499	0.0475	J	ug/L		95	50 - 150
Isophorone	0.0997	0.107		ug/L		107	50 - 150
Lindane	0.00997	0.0129		ug/L		129	50 - 150
Malathion	0.0997	0.111		ug/L		112	50 - 150
Methoxychlor	0.0499	0.0575		ug/L		115	50 - 150
Metolachlor	0.0499	0.0612		ug/L		123	50 - 150
Molinate	0.0997	0.124		ug/L		124	50 - 150
Naphthalene	0.0997	0.118		ug/L		118	50 - 150
Parathion	0.0997	0.101		ug/L		101	50 - 150
Pendimethalin (Penoxaline)	0.0997	0.111		ug/L		111	50 - 150
Phenanthrene	0.0399	0.0488		ug/L		122	50 - 150
Propachlor	0.0499	0.0572		ug/L		115	50 - 150
Pyrene	0.0499	0.0575		ug/L		115	50 - 150

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: MRL 380-235470/22-A**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Simazine	0.0499	0.0508		ug/L		102	50 - 150
Terbacil	0.0997	0.115		ug/L		116	50 - 150
Terbutylazine	0.0997	0.119		ug/L		119	50 - 150
Thiobencarb	0.0997	0.117		ug/L		117	50 - 150
trans-Nonachlor	0.0249	0.0286	J	ug/L		115	50 - 150
Trifluralin	0.0997	0.110		ug/L		110	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	96		70 - 130
Perylene-d12	89		70 - 130
Triphenylphosphate	92		70 - 130

**Lab Sample ID: 380-220437-I-1-A MS**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.96	2.06		ug/L		105	70 - 130
2,4'-DDD	<0.098		1.96	1.98		ug/L		101	70 - 130
2,4'-DDE	<0.098		1.96	2.02		ug/L		103	70 - 130
2,4'-DDT	<0.098		1.96	1.95		ug/L		99	70 - 130
2,4-Dinitrotoluene	<0.098		1.96	1.92		ug/L		98	70 - 130
2,6-Dinitrotoluene	<0.098		1.96	1.91		ug/L		98	70 - 130
2-Methylnaphthalene	<0.098		1.96	1.98		ug/L		100	70 - 130
4,4'-DDD	<0.098		1.96	1.92		ug/L		98	70 - 130
4,4'-DDE	<0.098		1.96	1.88		ug/L		96	70 - 130
4,4'-DDT	<0.098		1.96	1.91		ug/L		98	70 - 130
Acenaphthene	<0.098		1.96	1.98		ug/L		101	70 - 130
Acenaphthylene	<0.098		1.96	1.95		ug/L		100	70 - 130
Acetochlor	<0.098		1.96	2.04		ug/L		104	70 - 130
Alachlor	<0.049		1.96	2.07		ug/L		106	70 - 130
alpha-BHC	<0.098		1.96	1.96		ug/L		100	70 - 130
alpha-Chlordane	<0.049		1.96	2.07		ug/L		106	70 - 130
Anthracene	<0.020		1.96	1.76		ug/L		90	70 - 130
Atrazine	<0.049		1.96	2.15		ug/L		110	70 - 130
Benz(a)anthracene	<0.049		1.96	1.92		ug/L		98	70 - 130
Benzo[a]pyrene	<0.020		1.96	1.83		ug/L		94	70 - 130
Benzo[b]fluoranthene	<0.020		1.96	1.83		ug/L		93	70 - 130
Benzo[g,h,i]perylene	<0.049		1.96	1.75		ug/L		89	70 - 130
Benzo[k]fluoranthene	<0.020		1.96	1.98		ug/L		101	70 - 130
beta-BHC	<0.098		1.96	1.96		ug/L		100	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.96	1.72		ug/L		88	70 - 130
Bromacil	<0.098		1.96	1.85		ug/L		95	70 - 130
Butachlor	<0.049		1.96	1.97		ug/L		101	70 - 130
Butylbenzylphthalate	<0.49		1.96	1.95		ug/L		100	70 - 130
Chlorobenzilate	<0.098		1.96	1.87		ug/L		96	70 - 130
Chloroneb	<0.098		1.96	2.02		ug/L		103	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.96	2.07		ug/L		106	70 - 130

# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: 380-220437-I-1-A MS**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Chlorpyrifos	<0.049		1.96	2.03		ug/L		104	70 - 130
Chrysene	<0.020		1.96	2.04		ug/L		104	70 - 130
delta-BHC	<0.098		1.96	1.94		ug/L		99	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.96	1.83		ug/L		93	70 - 130
Dibenz(a,h)anthracene	<0.049		1.96	1.73		ug/L		88	70 - 130
Diclorvos (DDVP)	<0.049		1.96	1.99		ug/L		102	70 - 130
Dieldrin	<0.0098		1.96	1.94		ug/L		99	70 - 130
Diethylphthalate	<0.49		1.96	2.15		ug/L		110	70 - 130
Dimethylphthalate	<0.49		1.96	2.12		ug/L		108	70 - 130
Di-n-butyl phthalate	<0.98		3.92	4.24		ug/L		108	70 - 130
Di-n-octyl phthalate	<0.098		1.96	1.59		ug/L		81	70 - 130
Endosulfan I (Alpha)	<0.098		1.96	1.93		ug/L		99	70 - 130
Endosulfan II (Beta)	<0.098		1.96	1.87		ug/L		95	70 - 130
Endosulfan sulfate	<0.098		1.96	1.93		ug/L		98	70 - 130
Endrin	<0.0098		1.96	2.10		ug/L		107	70 - 130
Endrin aldehyde	<0.098		1.96	1.64		ug/L		84	60 - 130
EPTC	<0.098		1.96	2.05		ug/L		105	70 - 130
Fluoranthene	<0.098		1.96	2.09		ug/L		107	70 - 130
Fluorene	<0.049		1.96	2.10		ug/L		107	70 - 130
gamma-Chlordane	<0.049		1.96	2.02		ug/L		103	70 - 130
Heptachlor	<0.0098		1.96	2.19		ug/L		112	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.96	2.05		ug/L		105	70 - 130
Hexachlorobenzene	<0.049		1.96	1.96		ug/L		100	70 - 130
Hexachlorocyclopentadiene	<0.049		1.96	2.18		ug/L		111	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.96	1.74		ug/L		89	70 - 130
Isophorone	<0.098		1.96	1.96		ug/L		100	70 - 130
Lindane	<0.0098		1.96	2.06		ug/L		105	70 - 130
Malathion	<0.098		1.96	2.05		ug/L		105	70 - 130
Methoxychlor	<0.049		1.96	2.05		ug/L		105	70 - 130
Metolachlor	<0.049		1.96	1.96		ug/L		100	70 - 130
Molinate	<0.098		1.96	2.12		ug/L		108	70 - 130
Naphthalene	<0.098		1.96	2.04		ug/L		104	70 - 130
Parathion	<0.098		1.96	1.98		ug/L		101	70 - 130
Pendimethalin (Penoxaline)	<0.098		1.96	1.91		ug/L		98	70 - 130
Phenanthrene	<0.039		1.96	2.01		ug/L		103	70 - 130
Propachlor	<0.049		1.96	2.07		ug/L		106	70 - 130
Pyrene	<0.049		1.96	2.10		ug/L		107	70 - 130
Simazine	<0.049		1.96	2.15		ug/L		110	70 - 130
Terbacil	<0.098		1.96	1.84		ug/L		94	70 - 130
Terbutylazine	<0.098		1.96	2.11		ug/L		108	70 - 130
Thiobencarb	<0.098		1.96	2.10		ug/L		107	70 - 130
trans-Nonachlor	<0.049		1.96	2.04		ug/L		104	70 - 130
Trifluralin	<0.098		1.96	1.77		ug/L		90	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Nitro-m-xylene	98		70 - 130
Perylene-d12	92		70 - 130
Triphenylphosphate	94		70 - 130

# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: 380-220460-I-1-A DU**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
1-Methylnaphthalene	<0.098		<0.098		ug/L		NC	20
2,4'-DDD	<0.098		<0.098		ug/L		NC	20
2,4'-DDE	<0.098		<0.098		ug/L		NC	20
2,4'-DDT	<0.098		<0.098		ug/L		NC	20
2,4-Dinitrotoluene	<0.098		<0.098		ug/L		NC	20
2,6-Dinitrotoluene	<0.098		<0.098		ug/L		NC	20
2-Methylnaphthalene	<0.098		<0.098		ug/L		NC	20
4,4'-DDD	<0.098		<0.098		ug/L		NC	20
4,4'-DDE	<0.098		<0.098		ug/L		NC	20
4,4'-DDT	<0.098		<0.098		ug/L		NC	20
Acenaphthene	<0.098		<0.098		ug/L		NC	20
Acenaphthylene	<0.098		<0.098		ug/L		NC	20
Acetochlor	<0.098		<0.098		ug/L		NC	20
Alachlor	<0.049		<0.049		ug/L		NC	20
alpha-BHC	<0.098		<0.098		ug/L		NC	20
alpha-Chlordane	<0.049		<0.049		ug/L		NC	20
Anthracene	<0.020		<0.020		ug/L		NC	20
Atrazine	<0.049		<0.049		ug/L		NC	20
Benz(a)anthracene	<0.049		<0.049		ug/L		NC	20
Benzo[a]pyrene	<0.020		<0.020		ug/L		NC	20
Benzo[b]fluoranthene	<0.020		<0.020		ug/L		NC	20
Benzo[g,h,i]perylene	<0.049		<0.049		ug/L		NC	20
Benzo[k]fluoranthene	<0.020		<0.020		ug/L		NC	20
beta-BHC	<0.098		<0.098		ug/L		NC	20
Bis(2-ethylhexyl) phthalate	<0.59		<0.59		ug/L		NC	20
Bromacil	<0.098		<0.098		ug/L		NC	20
Butachlor	<0.049		<0.049		ug/L		NC	20
Butylbenzylphthalate	<0.49		<0.49		ug/L		NC	20
Chlorobenzilate	<0.098		<0.098		ug/L		NC	20
Chloroneb	<0.098		<0.098		ug/L		NC	20
Chlorothalonil (Draconil, Bravo)	<0.098		<0.098		ug/L		NC	20
Chlorpyrifos	<0.049		<0.049		ug/L		NC	20
Chrysene	<0.020		<0.020		ug/L		NC	20
delta-BHC	<0.098		<0.098		ug/L		NC	20
Di(2-ethylhexyl)adipate	<0.59		<0.59		ug/L		NC	20
Dibenz(a,h)anthracene	<0.049		<0.049		ug/L		NC	20
Diclorvos (DDVP)	<0.049		<0.049		ug/L		NC	20
Dieldrin	0.072		0.0654		ug/L		10	20
Diethylphthalate	<0.49		<0.49		ug/L		NC	20
Dimethylphthalate	<0.49		<0.49		ug/L		NC	20
Di-n-butyl phthalate	<0.98		<0.98		ug/L		NC	20
Di-n-octyl phthalate	<0.098		<0.098		ug/L		NC	20
Endosulfan I (Alpha)	<0.098		<0.098		ug/L		NC	20
Endosulfan II (Beta)	<0.098		<0.098		ug/L		NC	20
Endosulfan sulfate	<0.098		<0.098		ug/L		NC	20
Endrin	<0.0098		<0.0098		ug/L		NC	20
Endrin aldehyde	<0.098		<0.098		ug/L		NC	20
EPTC	<0.098		<0.098		ug/L		NC	20

# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: 380-220460-I-1-A DU**  
**Matrix: Water**  
**Analysis Batch: 235688**

**Client Sample ID: Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 235470**

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
Fluoranthene	<0.098		<0.098		ug/L		NC	20
Fluorene	<0.049		<0.049		ug/L		NC	20
gamma-Chlordane	<0.049		<0.049		ug/L		NC	20
Heptachlor	<0.0098		<0.0098		ug/L		NC	20
Heptachlor epoxide (isomer B)	0.015		0.0119		ug/L		20	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	<0.098		<0.098		ug/L		NC	20
Lindane	<0.0098		<0.0098		ug/L		NC	20
Malathion	<0.098		<0.098		ug/L		NC	20
Methoxychlor	<0.049		<0.049		ug/L		NC	20
Metolachlor	<0.049		<0.049		ug/L		NC	20
Molinate	<0.098		<0.098		ug/L		NC	20
Naphthalene	<0.098		<0.098		ug/L		NC	20
Parathion	<0.098		<0.098		ug/L		NC	20
Pendimethalin (Penoxaline)	<0.098		<0.098		ug/L		NC	20
Phenanthrene	<0.039		<0.039		ug/L		NC	20
Propachlor	<0.049		<0.049		ug/L		NC	20
Pyrene	<0.049		<0.049		ug/L		NC	20
Simazine	<0.049		<0.049		ug/L		NC	20
Terbacil	<0.098		<0.098		ug/L		NC	20
Terbutylazine	<0.098		<0.098		ug/L		NC	20
Thiobencarb	<0.098		<0.098		ug/L		NC	20
Total Permethrin (mixed isomers)	<0.20		<0.20		ug/L		NC	20
trans-Nonachlor	<0.049		<0.049		ug/L		NC	20
Trifluralin	<0.098		<0.098		ug/L		NC	20

  

Surrogate	DU	DU	Limits
	%Recovery	Qualifier	
2-Nitro-m-xylene	98		70 - 130
Perylene-d12	87		70 - 130
Triphenylphosphate	89		70 - 130

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

**Lab Sample ID: MB 570-757352/1-A**  
**Matrix: Water**  
**Analysis Batch: 759081**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 757352**

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1-Methylnaphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
2-Methylnaphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Acenaphthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Acenaphthylene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[a]anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[a]pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1

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# QC Sample Results

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

Job ID: 380-220467-1  
 SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: MB 570-757352/1-A**  
**Matrix: Water**  
**Analysis Batch: 759081**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 757352**

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Chrysene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Fluoranthene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Fluorene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Naphthalene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Phenanthrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1
Pyrene	<0.20		0.20	ug/L		06/20/26 10:43	06/24/26 07:45	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	92		28 - 127	06/20/26 10:43	06/24/26 07:45	1
2-Fluorobiphenyl (Surr)	93		31 - 120	06/20/26 10:43	06/24/26 07:45	1
2-Fluorophenol (Surr)	70		17 - 120	06/20/26 10:43	06/24/26 07:45	1
Nitrobenzene-d5 (Surr)	90		27 - 120	06/20/26 10:43	06/24/26 07:45	1
Phenol-d6 (Surr)	43		10 - 120	06/20/26 10:43	06/24/26 07:45	1
p-Terphenyl-d14 (Surr)	90		45 - 120	06/20/26 10:43	06/24/26 07:45	1

**Lab Sample ID: LCS 570-757352/2-A**  
**Matrix: Water**  
**Analysis Batch: 759081**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 757352**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
1-Methylnaphthalene	20.0	16.8		ug/L		84	47 - 120
2-Methylnaphthalene	20.0	15.8		ug/L		79	43 - 120
Acenaphthene	20.0	16.6		ug/L		83	60 - 132
Acenaphthylene	20.0	16.5		ug/L		83	54 - 126
Anthracene	20.0	16.2		ug/L		81	43 - 120
Benzo[a]anthracene	20.0	17.3		ug/L		86	42 - 133
Benzo[a]pyrene	20.0	18.2		ug/L		91	32 - 148
Benzo[b]fluoranthene	20.0	17.6		ug/L		88	42 - 140
Benzo[g,h,i]perylene	20.0	17.5		ug/L		87	1 - 195
Benzo[k]fluoranthene	20.0	16.8		ug/L		84	25 - 146
Chrysene	20.0	17.4		ug/L		87	44 - 140
Dibenz(a,h)anthracene	20.0	18.0		ug/L		90	1 - 200
Fluoranthene	20.0	17.1		ug/L		85	43 - 121
Fluorene	20.0	17.5		ug/L		87	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	17.7		ug/L		88	1 - 151
Naphthalene	20.0	16.6		ug/L		83	36 - 120
Phenanthrene	20.0	17.1		ug/L		86	65 - 120
Pyrene	20.0	17.3		ug/L		87	70 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	82		28 - 127
2-Fluorobiphenyl (Surr)	82		31 - 120
2-Fluorophenol (Surr)	73		17 - 120
Nitrobenzene-d5 (Surr)	77		27 - 120

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: LCS 570-757352/2-A**  
**Matrix: Water**  
**Analysis Batch: 759081**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 757352**

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Phenol-d6 (Surr)	47		10 - 120
p-Terphenyl-d14 (Surr)	88		45 - 120

**Lab Sample ID: LCSD 570-757352/3-A**  
**Matrix: Water**  
**Analysis Batch: 759081**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 757352**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	16.5		ug/L		83	47 - 120	2	20
2-Methylnaphthalene	20.0	15.1		ug/L		76	43 - 120	4	20
Acenaphthene	20.0	16.3		ug/L		82	60 - 132	2	29
Acenaphthylene	20.0	15.8		ug/L		79	54 - 126	5	45
Anthracene	20.0	16.7		ug/L		83	43 - 120	3	40
Benzo[a]anthracene	20.0	17.6		ug/L		88	42 - 133	2	32
Benzo[a]pyrene	20.0	18.5		ug/L		92	32 - 148	2	43
Benzo[b]fluoranthene	20.0	17.8		ug/L		89	42 - 140	1	43
Benzo[g,h,i]perylene	20.0	17.7		ug/L		88	1 - 195	1	61
Benzo[k]fluoranthene	20.0	17.8		ug/L		89	25 - 146	6	38
Chrysene	20.0	17.6		ug/L		88	44 - 140	1	53
Dibenz(a,h)anthracene	20.0	18.1		ug/L		91	1 - 200	1	75
Fluoranthene	20.0	17.6		ug/L		88	43 - 121	3	40
Fluorene	20.0	17.1		ug/L		85	70 - 120	2	23
Indeno[1,2,3-cd]pyrene	20.0	17.8		ug/L		89	1 - 151	1	60
Naphthalene	20.0	16.1		ug/L		81	36 - 120	3	39
Phenanthrene	20.0	17.5		ug/L		88	65 - 120	2	24
Pyrene	20.0	17.7		ug/L		89	70 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	83		28 - 127
2-Fluorobiphenyl (Surr)	78		31 - 120
2-Fluorophenol (Surr)	71		17 - 120
Nitrobenzene-d5 (Surr)	74		27 - 120
Phenol-d6 (Surr)	45		10 - 120
p-Terphenyl-d14 (Surr)	88		45 - 120

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

**Lab Sample ID: MB 570-762338/6**  
**Matrix: Water**  
**Analysis Batch: 762338**

**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			06/30/26 13:20	1

  

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		38 - 134		06/30/26 13:20	1

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# QC Sample Results

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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

Lab Sample ID: 380-221324-A-1 MSD  
Matrix: Water  
Analysis Batch: 762338

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		38 - 134

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

Lab Sample ID: MB 570-756769/1-A  
Matrix: Water  
Analysis Batch: 756776

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 756769

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1
C8-C18	<25		25	ug/L		06/19/26 07:23	06/19/26 16:03	1

  

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	105		60 - 130	06/19/26 07:23	06/19/26 16:03	1

Lab Sample ID: LCS 570-756769/2-A  
Matrix: Water  
Analysis Batch: 756776

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 756769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1740		ug/L		108	56 - 127

  

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	112		60 - 130

Lab Sample ID: LCSD 570-756769/3-A  
Matrix: Water  
Analysis Batch: 756776

Client Sample ID: Lab Control Sample Dup  
Prep Type: Total/NA  
Prep Batch: 756769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1580		ug/L		99	56 - 127	9	23

  

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	103		60 - 130

Lab Sample ID: MRL 570-756769/4-A  
Matrix: Water  
Analysis Batch: 762707

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 756769

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0295		mg/L		148	50 - 150

  

Surrogate	MRL %Recovery	MRL Qualifier	Limits
n-Octacosane (Surr)	115		60 - 130

# QC Sample Results

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

Job ID: 380-220467-1  
 SDG: Weekly: Aiea Wells P2

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

**Lab Sample ID: 380-220225-I-1-A MS**

**Matrix: Water**

**Analysis Batch: 756776**

**Client Sample ID: Matrix Spike**

**Prep Type: Total/NA**

**Prep Batch: 756769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	<26		1650	1730		ug/L		105	70 - 130
<b>Surrogate</b>	<b>MS %Recovery</b>		<b>MS Qualifier</b>					<b>Limits</b>	
<i>n-Octacosane (Surr)</i>	111							60 - 130	

**Lab Sample ID: 380-220225-K-1-A MSD**

**Matrix: Water**

**Analysis Batch: 756776**

**Client Sample ID: Matrix Spike Duplicate**

**Prep Type: Total/NA**

**Prep Batch: 756769**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26		1680	1690		ug/L		101	70 - 130	2	20
<b>Surrogate</b>	<b>MSD %Recovery</b>		<b>MSD Qualifier</b>					<b>Limits</b>			
<i>n-Octacosane (Surr)</i>	106							60 - 130			

# QC Association Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

## GC/MS Semi VOA

### Prep Batch: 235470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	525.2	
MB 380-235470/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-235470/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-235470/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-220437-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-220460-I-1-A DU	Duplicate	Total/NA	Water	525.2	

### Analysis Batch: 235688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	525.2	235470
MB 380-235470/21-A	Method Blank	Total/NA	Water	525.2	235470
LCS 380-235470/23-A	Lab Control Sample	Total/NA	Water	525.2	235470
MRL 380-235470/22-A	Lab Control Sample	Total/NA	Water	525.2	235470
380-220437-I-1-A MS	Matrix Spike	Total/NA	Water	525.2	235470
380-220460-I-1-A DU	Duplicate	Total/NA	Water	525.2	235470

### Prep Batch: 757352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1	
MB 570-757352/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-757352/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-757352/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

### Analysis Batch: 759081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1 SIM	757352
MB 570-757352/1-A	Method Blank	Total/NA	Water	625.1 SIM	757352
LCS 570-757352/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	757352
LCSD 570-757352/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	757352

### Analysis Batch: 761897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1	757352

## GC VOA

### Analysis Batch: 762338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	8015B GRO LL	
MB 570-762338/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-762338/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-762338/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-762338/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-221324-A-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-221324-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

## GC Semi VOA

### Prep Batch: 756769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	3510C	
MB 570-756769/1-A	Method Blank	Total/NA	Water	3510C	

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# QC Association Summary

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

Job ID: 380-220467-1  
 SDG: Weekly: Aiea Wells P2

## GC Semi VOA (Continued)

### Prep Batch: 756769 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-756769/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-756769/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-756769/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-220225-I-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-220225-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

### Analysis Batch: 756776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-756769/1-A	Method Blank	Total/NA	Water	8015B	756769
LCS 570-756769/2-A	Lab Control Sample	Total/NA	Water	8015B	756769
LCSD 570-756769/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	756769
380-220225-I-1-A MS	Matrix Spike	Total/NA	Water	8015B	756769
380-220225-K-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	756769

### Analysis Batch: 762707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	8015B	756769
MRL 570-756769/4-A	Lab Control Sample	Total/NA	Water	8015B	756769

# Lab Chronicle

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

Job ID: 380-220467-1  
 SDG: Weekly: Aiea Wells P2

**Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)**

**Lab Sample ID: 380-220467-1**

**Date Collected: 06/17/26 09:00**

**Matrix: Drinking Water**

**Date Received: 06/18/26 09:43**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			235470	IQ42	EA POM	06/22/26 14:16
Total/NA	Analysis	525.2		1	235688	Q8LA	EA POM	06/23/26 19:20
Total/NA	Prep	625.1			757352	TIZL	EET CAL 4	06/21/26 08:48
Total/NA	Analysis	625.1		1	761897	S4EA	EET CAL 4	06/29/26 19:15
Total/NA	Prep	625.1			757352	TIZL	EET CAL 4	06/21/26 08:48
Total/NA	Analysis	625.1 SIM		1	759081	PQS1	EET CAL 4	06/24/26 11:36
Total/NA	Analysis	8015B GRO LL		1	762338	A9VE	EET CAL 4	06/30/26 14:53
Total/NA	Prep	3510C			756769	EP2G	EET CAL 4	06/19/26 07:23
Total/NA	Analysis	8015B		1	762707	H6FE	EET CAL 4	07/01/26 08:52

**Laboratory References:**

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494



# Accreditation/Certification Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

## Laboratory: Eurofins Pomona

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Hawaii	State	CA00006	01-31-26 *
The following analytes are included in this report, but the laboratory is not certified by Hawaii State CA00006. This list may include analytes for which the agency does not offer certification:			
Analysis Method	Prep Method	Matrix	Analyte
525.2	525.2	Drinking Water	1-Methylnaphthalene
525.2	525.2	Drinking Water	2,4'-DDD
525.2	525.2	Drinking Water	2,4'-DDE
525.2	525.2	Drinking Water	2,4'-DDT
525.2	525.2	Drinking Water	2,4-Dinitrotoluene
525.2	525.2	Drinking Water	2,6-Dinitrotoluene
525.2	525.2	Drinking Water	2-Methylnaphthalene
525.2	525.2	Drinking Water	4,4'-DDD
525.2	525.2	Drinking Water	4,4'-DDE
525.2	525.2	Drinking Water	4,4'-DDT
525.2	525.2	Drinking Water	Acetochlor
525.2	525.2	Drinking Water	alpha-BHC
525.2	525.2	Drinking Water	alpha-Chlordane
525.2	525.2	Drinking Water	beta-BHC
525.2	525.2	Drinking Water	Chlorobenzilate
525.2	525.2	Drinking Water	Chloroneb
525.2	525.2	Drinking Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Drinking Water	Chlorpyrifos
525.2	525.2	Drinking Water	delta-BHC
525.2	525.2	Drinking Water	Diclorvos (DDVP)
525.2	525.2	Drinking Water	Endosulfan I (Alpha)
525.2	525.2	Drinking Water	Endosulfan II (Beta)
525.2	525.2	Drinking Water	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde
525.2	525.2	Drinking Water	EPTC
525.2	525.2	Drinking Water	gamma-Chlordane
525.2	525.2	Drinking Water	Isophorone
525.2	525.2	Drinking Water	Malathion
525.2	525.2	Drinking Water	Parathion
525.2	525.2	Drinking Water	Pendimethalin (Penoxaline)
525.2	525.2	Drinking Water	Terbacil
525.2	525.2	Drinking Water	Terbutylazine
525.2	525.2	Drinking Water	Total Permethrin (mixed isomers)
525.2	525.2	Drinking Water	trans-Nonachlor

## Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26

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

# Accreditation/Certification Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

## 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
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

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# Method Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

Method	Method Description	Protocol	Laboratory
525.2	Semivolatile Organic Compounds (GC/MS)	EPA	EA POM
625.1	Semivolatile Organic Compounds (GC/MS)	EPA	EET CAL 4
625.1 SIM	Semivolatile Organic Compounds GC/MS (SIM)	EPA	EET CAL 4
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
525.2	Extraction of Semivolatile Compounds	EPA	EA POM
625.1	Liquid-Liquid Extraction	40CFR136A	EET CAL 4

#### Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

EA POM = Eurofins Pomona, 941 Corporate Center Drive, Pomona, CA 91768-2642, TEL (626)386-1100

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

# Sample Summary

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

Job ID: 380-220467-1  
SDG: Weekly: Aiea Wells P2

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-220467-1	AIEA WELLS P2 (260) (331-004-WL103)	Drinking Water	06/17/26 09:00	06/18/26 09:43	HI0000331

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380-220467 COC

**Client Information**  
 Client Contact: Allison Win  
 Phone: +1 808 748 5840  
 E-Mail: Maria.Lopez@et.eurofins.com  
 Lab PM: Lopez, Maria  
 Carrier Tracking No(s):  
 State of Origin: Page 1 of 1  
 Job #: COC No:

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastoid, ET=tissue, A=air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015B_GRO_LL (MOD) GRO	8015B_DRO_LL_CS HNL Ranges C10-C24/C24-C36/C38-C18	825.2_PREC - (MOD) 825plus Plus TICs	RA	QA	Special Instructions/Note:
AIEA WELLS P2 (260) (331-004-WL103)	06-17-24	09:00	G	Water				2					
AIEA WELLS P2 (260) (331-004-WL103) (Matrix Spike)				Water				3					
AIEA WELLS P2 (260) (331-004-WL103) (Matrix Spike Duplicate)				Water				2					
TB AIEA WELLS P2 (260) (331-004-WL103)				Water									

**Possible Hazard Identification**  
 Non-Hazard  Flammable  Skin Irritant  Unknown  Radiological  
 Deliverable Requested I, II, III, IV Other (specify):  
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  
 Special Instructions/QC Requirements:

**Empty Kit Relinquished by**  
 Relinquished by: [Redacted] Date/Time: 06-17-24 12:00  
 Relinquished by: [Redacted] Date/Time: 06-17-24 12:00  
 Relinquished by: [Redacted] Date/Time: 06-17-24 12:00  
 Method of Shipment: FFD 8332 1719 8332  
 Date/Time: 6/18/24 9:47 AM  
 Company: [Redacted]  
 Cooler Temperature(s) °C and Other Remarks: 75A 20.8 12.8 9.01 Fyden  
 Custody Seal No.  Yes  No





## Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-220467-1  
SDG Number: Weekly: Aiea Wells P2

**Login Number: 220467**

**List Number: 1**

**Creator: Edrosa, Rey**

**List Source: Eurofins Pomona**

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
CIO4 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: 380-220467-1  
SDG Number: Weekly: Aiea Wells P2

**Login Number: 220467**

**List Number: 2**

**Creator: Khana, Piyush**

**List Source: Eurofins Calscience**

**List Creation: 06/18/26 06:20 PM**

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	