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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/10/2026 3:16:47 PM

## JOB DESCRIPTION

RED-HILL
Weekly: Aiea Gulch Wells Pump 1

## JOB NUMBER

380-216594-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

## Job Notes

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

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

## Compliance Statement

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

## Authorization

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Authorized for release by
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# Table of Contents

# Definitions/Glossary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Qualifiers

### GC/MS Semi VOA

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

### GC/MS Semi VOA TICs

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

### GC Semi VOA

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

## Glossary

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

**Job Narrative**
**380-216594-1**

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

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

**Receipt**
The samples were received on 5/28/2026 10:10 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 4.6°C and 5.8°C.

**Receipt Exceptions**

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

**Gasoline Range Organics**
Method 8015B GRO LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-751360. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

**Diesel Range Organics**
Method 8015B: The method reporting limit check (MRL) for preparation batch 570-747016 and analytical batch 570-750788 recovered outside control limits for the following analytes: C10-C28. These analytes were biased high in the MRL and were not detected in the associated samples; therefore, the data have been reported.

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

# Detection Summary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Lab Sample ID: 380-216594-1**

**PWSID Number: HI0000331**

No Detections.

## Client Sample ID: TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Lab Sample ID: 380-216594-2**

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

**Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)**
**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

**Lab Sample ID: 380-216594-1**
**Matrix: Drinking Water**
**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 | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2,4'-DDD | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2,4'-DDE | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2,4'-DDT | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2,4-Dinitrotoluene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2,6-Dinitrotoluene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 2-Methylnaphthalene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 4,4'-DDD | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 4,4'-DDE | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| 4,4'-DDT | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Acenaphthene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Acenaphthylene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Acetochlor | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Alachlor | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| alpha-BHC | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| alpha-Chlordane | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Anthracene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Atrazine | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Benz(a)anthracene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Benzo[a]pyrene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Benzo[b]fluoranthene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Benzo[g,h,i]perylene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Benzo[k]fluoranthene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| beta-BHC | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.59 | | 0.59 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Bromacil | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Butachlor | <0.049 | ^3+ | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Butylbenzylphthalate | <0.49 | | 0.49 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Chlorobenzilate | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Chloroneb | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Chlorothalonil (Draconil, Bravo) | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Chlorpyrifos | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Chrysene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| delta-BHC | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Di(2-ethylhexyl)adipate | <0.59 | | 0.59 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Dibenz(a,h)anthracene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Diclorvos (DDVP) | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Dieldrin | <0.0098 | | 0.0098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Diethylphthalate | <0.49 | | 0.49 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Dimethylphthalate | <0.49 | | 0.49 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Di-n-butyl phthalate | <0.98 | | 0.98 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Di-n-octyl phthalate | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Endosulfan I (Alpha) | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Endosulfan II (Beta) | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Endosulfan sulfate | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Endrin | <0.0098 | | 0.0098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Endrin aldehyde | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| EPTC | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |

## Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Lab Sample ID: 380-216594-1**

**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

**Matrix: Drinking Water**
**PWSID Number: HI0000331**

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

| Analyte | Result | Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Fluorene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| gamma-Chlordane | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Heptachlor | <0.0098 | ^3+ | 0.0098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Heptachlor epoxide (isomer B) | <0.0098 | ^3+ | 0.0098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Hexachlorobenzene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Hexachlorocyclopentadiene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Isophorone | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Lindane | <0.0098 | | 0.0098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Malathion | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Methoxychlor | <0.049 | ^3+ | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Metolachlor | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Molinate | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Naphthalene | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Parathion | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Pendimethalin (Penoxaline) | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Phenanthrene | <0.039 | | 0.039 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Propachlor | <0.049 | ^3+ | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Pyrene | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Simazine | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Terbacil | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Terbuthylazine | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Thiobencarb | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Total Permethrin (mixed isomers) | <0.20 | | 0.20 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| trans-Nonachlor | <0.049 | | 0.049 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |
| Trifluralin | <0.098 | | 0.098 | | ug/L | | 06/03/26 07:39 | 06/04/26 13:59 | 1 |

| *Tentatively Identified Compound* | *Est. Result* | *Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Tentatively Identified Compound* | *None* | | *ug/L* | | | *N/A* | *06/03/26 07:39* | *06/04/26 13:59* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Nitro-m-xylene* | *98* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 13:59* | *1* |
| *Perylene-d12* | *86* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 13:59* | *1* |
| *Triphenylphosphate* | *105* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 13:59* | *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 | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| 2-Methylnaphthalene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Acenaphthene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Acenaphthylene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Anthracene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Benzo[a]anthracene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Benzo[a]pyrene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Benzo[b]fluoranthene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Benzo[g,h,i]perylene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Benzo[k]fluoranthene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Chrysene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |

## Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

## Lab Sample ID: 380-216594-1

**Matrix: Drinking Water**
**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 |
|---|---|---|---|---|---|---|---|---|---|
| Dibenz(a,h)anthracene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Fluoranthene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Fluorene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Naphthalene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Phenanthrene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |
| Pyrene | <0.19 | | 0.19 | | ug/L | | 05/31/26 08:21 | 06/03/26 12:59 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *83* | | *28 - 127* | *05/31/26 08:21* | *06/03/26 12:59* | *1* |
| *2-Fluorobiphenyl (Surr)* | *78* | | *31 - 120* | *05/31/26 08:21* | *06/03/26 12:59* | *1* |
| *2-Fluorophenol (Surr)* | *43* | | *17 - 120* | *05/31/26 08:21* | *06/03/26 12:59* | *1* |
| *Nitrobenzene-d5 (Surr)* | *75* | | *27 - 120* | *05/31/26 08:21* | *06/03/26 12:59* | *1* |
| *Phenol-d6 (Surr)* | *27* | | *10 - 120* | *05/31/26 08:21* | *06/03/26 12:59* | *1* |
| *p-Terphenyl-d14 (Surr)* | *70* | | *45 - 120* | *05/31/26 08:21* | *06/03/26 12:59* | *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* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *96* | | *33 - 139* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |
| *2-Fluorobiphenyl (Surr)* | *88* | | *33 - 126* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |
| *2-Fluorophenol (Surr)* | *53* | | *12 - 120* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |
| *Nitrobenzene-d5 (Surr)* | *106* | | *36 - 120* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |
| *Phenol-d6 (Surr)* | *30* | | *10 - 120* | *05/31/26 08:21* | *06/04/26 13:16* | *1* |
| *p-Terphenyl-d14 (Surr)* | *85* | | *47 - 131* | *05/31/26 08:21* | *06/04/26 13:16* | *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 | | | 06/09/26 15:28 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *96* | | *38 - 134* | | *06/09/26 15:28* | *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 | | 06/01/26 09:04 | 06/08/26 14:37 | 1 |
| Motor Oil Range Organics [C24-C36] | <26 | | 26 | | ug/L | | 06/01/26 09:04 | 06/08/26 14:37 | 1 |
| C8-C18 | <26 | | 26 | | ug/L | | 06/01/26 09:04 | 06/08/26 14:37 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *94* | | *60 - 130* | *06/01/26 09:04* | *06/08/26 14:37* | *1* |

# Client Sample Results

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

**Client Sample ID: TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP071)**
**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

**Lab Sample ID: 380-216594-2**
**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 | | | 06/09/26 13:32 | 1 |

| *Surrogate* | *%Recovery* | *Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *90* | | *38 - 134* | | *06/09/26 13:32* | *1* |

# Action Limit Summary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

## Lab Sample ID: 380-216594-1

**PWSID Number: HI0000331**

### Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

| Analyte | Result | Qualifier | Unit | EPAMCL Limit | RL | Method | Prep Type |
|---|---|---|---|---|---|---|---|
| Alachlor | <0.049 | | ug/L | 2 | 0.049 | 525.2 | Total/NA |
| Atrazine | <0.049 | | ug/L | 3 | 0.049 | 525.2 | Total/NA |
| Benzo[a]pyrene | <0.020 | | ug/L | 0.2 | 0.020 | 525.2 | Total/NA |
| Bis(2-ethylhexyl) phthalate | <0.59 | | ug/L | 6 | 0.59 | 525.2 | Total/NA |
| Di(2-ethylhexyl)adipate | <0.59 | | ug/L | 400 | 0.59 | 525.2 | Total/NA |
| Endrin | <0.0098 | | ug/L | 2 | 0.0098 | 525.2 | Total/NA |
| Heptachlor | <0.0098 | ^3+ | ug/L | 0.4 | 0.0098 | 525.2 | Total/NA |
| Heptachlor epoxide (isomer B) | <0.0098 | ^3+ | 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 | ^3+ | 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: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## 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) |
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 ( | 98 | 86 | 105 |
| 380-216594-1 MS | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | 97 | 98 | 108 |

**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) |
| 380-216609-E-1-A DU | Duplicate | 96 | 95 | 108 |
| LCS 380-231285/23-A | Lab Control Sample | 96 | 98 | 108 |
| MB 380-231285/21-A | Method Blank | 97 | 88 | 103 |
| MRL 380-231285/22-A | Lab Control Sample | 96 | 87 | 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) |
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 ( | 96 | 88 | 53 | 106 | 30 | 85 |

**Surrogate Legend**

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

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

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

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL6 | TPHd14 |
| Lab Sample ID | Client Sample ID | (33-139) | (33-126) | (12-120) | (36-120) | (10-120) | (47-131) |
| MB 570-746664/1-A | Method Blank | 106 | 89 | 60 | 108 | 37 | 92 |

**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) |
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 ( | 83 | 78 | 43 | 75 | 27 | 70 |

**Surrogate Legend**

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

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

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

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|---|---|---|---|---|---|---|---|
| | | TBP | FBP | 2FP | NBZ | PHL6 | TPHd14 |
| Lab Sample ID | Client Sample ID | (28-127) | (31-120) | (17-120) | (27-120) | (10-120) | (45-120) |
| 380-216586-A-1-A MS | Matrix Spike | 80 | 79 | 54 | 69 | 37 | 78 |
| 380-216586-A-1-B MSD | Matrix Spike Duplicate | 77 | 83 | 57 | 69 | 39 | 81 |
| LCS 570-746664/2-A | Lab Control Sample | 73 | 75 | 50 | 64 | 34 | 70 |
| LCSD 570-746664/3-A | Lab Control Sample Dup | 69 | 72 | 47 | 61 | 33 | 74 |
| MB 570-746664/1-A | Method Blank | 85 | 83 | 49 | 80 | 31 | 78 |

**Surrogate Legend**

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

## Method: 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) |
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 ( | 96 |

**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) |
| 380-216594-2 | TBI: AIEA GULCH WELLS PUM | 90 |
| LCS 570-751360/3 | Lab Control Sample | 91 |

# Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-216594-1
Project/Site: RED-HILL
SDG: Weekly: Aiea Gulch Wells Pump 1

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

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

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | BFB1 (38-134) |
| LCSD 570-751360/4 | Lab Control Sample Dup | 92 |
| MB 570-751360/6 | Method Blank | 95 |
| MRL 570-751360/5 | Lab Control Sample | 93 |

**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) |
|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-130) |
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 ( | 94 |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

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

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

| | | Percent Surrogate Recovery (Acceptance Limits) |
|---|---|---|
| Lab Sample ID | Client Sample ID | OTCSN1 (60-130) |
| 380-216586-C-1-A MS | Matrix Spike | 110 |
| 380-216586-C-1-B MSD | Matrix Spike Duplicate | 102 |
| LCS 570-747016/2-A | Lab Control Sample | 108 |
| LCSD 570-747016/3-A | Lab Control Sample Dup | 109 |
| MB 570-747016/1-A | Method Blank | 103 |
| MRL 570-747016/4-A | Lab Control Sample | 98 |

**Surrogate Legend**

OTCSN = n-Octacosane (Surr)

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

**Lab Sample ID: MB 380-231285/21-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2,4'-DDD | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2,4'-DDE | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2,4'-DDT | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2,4-Dinitrotoluene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2,6-Dinitrotoluene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 2-Methylnaphthalene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 4,4'-DDD | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 4,4'-DDE | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| 4,4'-DDT | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Acenaphthene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Acenaphthylene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Acetochlor | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Alachlor | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| alpha-BHC | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| alpha-Chlordane | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Anthracene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Atrazine | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Benz(a)anthracene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Benzo[a]pyrene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Benzo[b]fluoranthene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Benzo[g,h,i]perylene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Benzo[k]fluoranthene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| beta-BHC | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Bis(2-ethylhexyl) phthalate | <0.60 | | 0.60 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Bromacil | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Butachlor | <0.050 | ^3+ | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Butylbenzylphthalate | <0.50 | | 0.50 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Chlorobenzilate | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Chloroneb | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Chlorothalonil (Draconil, Bravo) | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Chlorpyrifos | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Chrysene | <0.020 | | 0.020 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| delta-BHC | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Di(2-ethylhexyl)adipate | <0.60 | | 0.60 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Dibenz(a,h)anthracene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Diclorvos (DDVP) | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Dieldrin | <0.0099 | | 0.0099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Diethylphthalate | <0.50 | | 0.50 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Dimethylphthalate | <0.50 | | 0.50 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Di-n-butyl phthalate | <0.99 | | 0.99 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Di-n-octyl phthalate | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Endosulfan I (Alpha) | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Endosulfan II (Beta) | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Endosulfan sulfate | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Endrin | <0.0099 | | 0.0099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Endrin aldehyde | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| EPTC | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |

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

**Lab Sample ID: MB 380-231285/21-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Fluorene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| gamma-Chlordane | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Heptachlor | <0.0099 | ^3+ | 0.0099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Heptachlor epoxide (isomer B) | <0.0099 | ^3+ | 0.0099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Hexachlorobenzene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Hexachlorocyclopentadiene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Isophorone | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Lindane | <0.0099 | | 0.0099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Malathion | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Methoxychlor | <0.050 | ^3+ | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Metolachlor | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Molinate | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Naphthalene | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Parathion | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Pendimethalin (Penoxaline) | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Phenanthrene | <0.040 | | 0.040 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Propachlor | <0.050 | ^3+ | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Pyrene | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Simazine | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Terbacil | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Terbuthylazine | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Thiobencarb | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Total Permethrin (mixed isomers) | <0.20 | | 0.20 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| trans-Nonachlor | <0.050 | | 0.050 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |
| Trifluralin | <0.099 | | 0.099 | | ug/L | | 06/03/26 07:39 | 06/04/26 12:39 | 1 |

| *Tentatively Identified Compound* | *MB Est. Result* | *MB Qualifier* | *Unit* | *D* | *RT* | *CAS No.* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|---|---|---|
| *Undecane* | *3.91* | *T J N* | *ug/L* | | *3.11* | *1120-21-4* | *06/03/26 07:39* | *06/04/26 12:39* | *1* |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2-Nitro-m-xylene* | *97* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 12:39* | *1* |
| *Perylene-d12* | *88* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 12:39* | *1* |
| *Triphenylphosphate* | *103* | | *70 - 130* | *06/03/26 07:39* | *06/04/26 12:39* | *1* |

**Lab Sample ID: LCS 380-231285/23-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | | 1.99 | 1.90 | | ug/L | | 96 | 70 - 130 | | |
| 2,4'-DDD | | | 1.99 | 2.02 | | ug/L | | 102 | 70 - 130 | | |
| 2,4'-DDE | | | 1.99 | 1.95 | | ug/L | | 98 | 70 - 130 | | |
| 2,4'-DDT | | | 1.99 | 1.88 | | ug/L | | 94 | 70 - 130 | | |
| 2,4-Dinitrotoluene | | | 1.99 | 2.09 | | ug/L | | 105 | 70 - 130 | | |
| 2,6-Dinitrotoluene | | | 1.99 | 2.15 | | ug/L | | 108 | 70 - 130 | | |
| 2-Methylnaphthalene | | | 1.99 | 1.86 | | ug/L | | 94 | 70 - 130 | | |

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

**Lab Sample ID: LCS 380-231285/23-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| 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 | 1.79 | | ug/L | | 90 | 70 - 130 |
| 4,4'-DDT | 1.99 | 1.93 | | ug/L | | 97 | 70 - 130 |
| Acenaphthene | 1.99 | 1.96 | | ug/L | | 99 | 70 - 130 |
| Acenaphthylene | 1.99 | 1.97 | | ug/L | | 99 | 70 - 130 |
| Acetochlor | 1.99 | 2.08 | | ug/L | | 105 | 70 - 130 |
| Alachlor | 1.99 | 2.03 | | ug/L | | 102 | 70 - 130 |
| alpha-BHC | 1.99 | 1.93 | | ug/L | | 97 | 70 - 130 |
| alpha-Chlordane | 1.99 | 1.90 | | ug/L | | 96 | 70 - 130 |
| Anthracene | 1.99 | 1.87 | | ug/L | | 94 | 70 - 130 |
| Atrazine | 1.99 | 2.15 | | ug/L | | 108 | 70 - 130 |
| Benz(a)anthracene | 1.99 | 2.03 | | ug/L | | 102 | 70 - 130 |
| Benzo[a]pyrene | 1.99 | 2.08 | | ug/L | | 105 | 70 - 130 |
| Benzo[b]fluoranthene | 1.99 | 2.10 | | ug/L | | 106 | 70 - 130 |
| Benzo[g,h,i]perylene | 1.99 | 2.12 | | ug/L | | 107 | 70 - 130 |
| Benzo[k]fluoranthene | 1.99 | 2.06 | | ug/L | | 104 | 70 - 130 |
| beta-BHC | 1.99 | 2.00 | | ug/L | | 101 | 70 - 130 |
| Bis(2-ethylhexyl) phthalate | 1.99 | 1.98 | | ug/L | | 100 | 70 - 130 |
| Bromacil | 1.99 | 2.12 | | ug/L | | 107 | 70 - 130 |
| Butachlor | 1.99 | 2.15 | | ug/L | | 108 | 70 - 130 |
| Butylbenzylphthalate | 1.99 | 2.17 | | ug/L | | 109 | 70 - 130 |
| Chlorobenzilate | 1.99 | 2.17 | | ug/L | | 109 | 70 - 130 |
| Chloroneb | 1.99 | 2.03 | | ug/L | | 102 | 70 - 130 |
| Chlorothalonil (Draconil, Bravo) | 1.99 | 2.10 | | ug/L | | 106 | 70 - 130 |
| Chlorpyrifos | 1.99 | 1.96 | | ug/L | | 99 | 70 - 130 |
| Chrysene | 1.99 | 1.91 | | ug/L | | 96 | 70 - 130 |
| delta-BHC | 1.99 | 1.93 | | ug/L | | 97 | 70 - 130 |
| Di(2-ethylhexyl)adipate | 1.99 | 2.07 | | ug/L | | 104 | 70 - 130 |
| Dibenz(a,h)anthracene | 1.99 | 2.11 | | ug/L | | 106 | 70 - 130 |
| Diclorvos (DDVP) | 1.99 | 2.20 | | ug/L | | 111 | 70 - 130 |
| Dieldrin | 1.99 | 2.25 | | ug/L | | 113 | 70 - 130 |
| Diethylphthalate | 1.99 | 2.12 | | ug/L | | 107 | 70 - 130 |
| Dimethylphthalate | 1.99 | 2.04 | | ug/L | | 103 | 70 - 130 |
| Di-n-butyl phthalate | 3.97 | 4.23 | | ug/L | | 106 | 70 - 130 |
| Di-n-octyl phthalate | 1.99 | 1.96 | | ug/L | | 99 | 70 - 130 |
| Endosulfan I (Alpha) | 1.99 | 1.96 | | ug/L | | 99 | 70 - 130 |
| Endosulfan II (Beta) | 1.99 | 1.89 | | ug/L | | 95 | 70 - 130 |
| Endosulfan sulfate | 1.99 | 2.15 | | ug/L | | 108 | 70 - 130 |
| Endrin | 1.99 | 2.38 | | ug/L | | 120 | 70 - 130 |
| Endrin aldehyde | 1.99 | 2.10 | | ug/L | | 106 | 60 - 130 |
| EPTC | 1.99 | 2.00 | | ug/L | | 101 | 70 - 130 |
| Fluoranthene | 1.99 | 1.85 | | ug/L | | 93 | 70 - 130 |
| Fluorene | 1.99 | 1.96 | | ug/L | | 99 | 70 - 130 |
| gamma-Chlordane | 1.99 | 1.93 | | ug/L | | 97 | 70 - 130 |
| Heptachlor | 1.99 | 2.17 | | ug/L | | 109 | 70 - 130 |
| Heptachlor epoxide (isomer B) | 1.99 | 2.01 | | ug/L | | 101 | 70 - 130 |
| Hexachlorobenzene | 1.99 | 1.75 | | ug/L | | 88 | 70 - 130 |
| Hexachlorocyclopentadiene | 1.99 | 1.99 | | ug/L | | 100 | 70 - 130 |
| Indeno[1,2,3-cd]pyrene | 1.99 | 2.26 | | ug/L | | 114 | 70 - 130 |

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

**Lab Sample ID: LCS 380-231285/23-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Isophorone | 1.99 | 1.91 | | ug/L | | 96 | 70 - 130 |
| Lindane | 1.99 | 2.17 | | ug/L | | 109 | 70 - 130 |
| Malathion | 1.99 | 2.02 | | ug/L | | 102 | 70 - 130 |
| Methoxychlor | 1.99 | 2.05 | | ug/L | | 103 | 70 - 130 |
| Metolachlor | 1.99 | 2.02 | | ug/L | | 101 | 70 - 130 |
| Molinate | 1.99 | 2.06 | | ug/L | | 104 | 70 - 130 |
| Naphthalene | 1.99 | 1.86 | | ug/L | | 93 | 70 - 130 |
| Parathion | 1.99 | 2.32 | | ug/L | | 117 | 70 - 130 |
| Pendimethalin (Penoxaline) | 1.99 | 2.21 | | ug/L | | 111 | 70 - 130 |
| Phenanthrene | 1.99 | 1.88 | | ug/L | | 95 | 70 - 130 |
| Propachlor | 1.99 | 2.16 | | ug/L | | 109 | 70 - 130 |
| Pyrene | 1.99 | 1.97 | | ug/L | | 99 | 70 - 130 |
| Simazine | 1.99 | 2.04 | | ug/L | | 103 | 70 - 130 |
| Terbacil | 1.99 | 2.27 | | ug/L | | 114 | 70 - 130 |
| Terbuthylazine | 1.99 | 2.14 | | ug/L | | 108 | 70 - 130 |
| Thiobencarb | 1.99 | 2.02 | | ug/L | | 102 | 70 - 130 |
| trans-Nonachlor | 1.99 | 1.83 | | ug/L | | 92 | 70 - 130 |
| Trifluralin | 1.99 | 2.31 | | ug/L | | 116 | 70 - 130 |

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

**Lab Sample ID: MRL 380-231285/22-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 0.0995 | 0.0991 | J | ug/L | | 100 | 50 - 150 |
| 2,4'-DDD | 0.0995 | 0.0843 | J | ug/L | | 85 | 50 - 150 |
| 2,4'-DDE | 0.0995 | 0.0962 | J | ug/L | | 97 | 50 - 150 |
| 2,4'-DDT | 0.0995 | 0.110 | | ug/L | | 111 | 50 - 150 |
| 2,4-Dinitrotoluene | 0.0995 | 0.132 | | ug/L | | 132 | 50 - 150 |
| 2,6-Dinitrotoluene | 0.0995 | 0.122 | | ug/L | | 123 | 50 - 150 |
| 2-Methylnaphthalene | 0.0995 | 0.100 | | ug/L | | 101 | 50 - 150 |
| 4,4'-DDD | 0.0995 | 0.104 | | ug/L | | 105 | 50 - 150 |
| 4,4'-DDE | 0.0995 | 0.119 | | ug/L | | 120 | 50 - 150 |
| 4,4'-DDT | 0.0995 | 0.110 | | ug/L | | 110 | 50 - 150 |
| Acenaphthene | 0.0995 | 0.0994 | J | ug/L | | 100 | 50 - 150 |
| Acenaphthylene | 0.0995 | 0.102 | | ug/L | | 103 | 50 - 150 |
| Acetochlor | 0.0995 | 0.119 | | ug/L | | 120 | 50 - 150 |
| Alachlor | 0.0498 | 0.0731 | | ug/L | | 147 | 50 - 150 |
| alpha-BHC | 0.0995 | 0.121 | | ug/L | | 122 | 50 - 150 |
| alpha-Chlordane | 0.0249 | 0.0308 | J | ug/L | | 124 | 50 - 150 |
| Anthracene | 0.0199 | 0.0265 | | ug/L | | 133 | 50 - 150 |
| Atrazine | 0.0498 | 0.0578 | | ug/L | | 116 | 50 - 150 |
| Benz(a)anthracene | 0.0498 | 0.0513 | | ug/L | | 103 | 50 - 150 |

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

**Lab Sample ID: MRL 380-231285/22-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Benzo[a]pyrene | 0.0199 | 0.0213 | | ug/L | | 107 | 50 - 150 |
| Benzo[b]fluoranthene | 0.0199 | 0.0227 | | ug/L | | 114 | 50 - 150 |
| Benzo[g,h,i]perylene | 0.0498 | 0.0715 | | ug/L | | 144 | 50 - 150 |
| Benzo[k]fluoranthene | 0.0199 | 0.0219 | | ug/L | | 110 | 50 - 150 |
| beta-BHC | 0.0995 | 0.122 | | ug/L | | 123 | 50 - 150 |
| Bis(2-ethylhexyl) phthalate | 0.597 | 0.698 | | ug/L | | 117 | 50 - 150 |
| Bromacil | 0.0995 | 0.137 | | ug/L | | 138 | 50 - 150 |
| Butachlor | 0.0498 | 0.0765 | ^3+ | ug/L | | 154 | 50 - 150 |
| Butylbenzylphthalate | 0.498 | 0.548 | | ug/L | | 110 | 50 - 150 |
| Chlorobenzilate | 0.0995 | 0.131 | | ug/L | | 131 | 50 - 150 |
| Chloroneb | 0.0995 | 0.106 | | ug/L | | 106 | 50 - 150 |
| Chlorothalonil (Draconil, Bravo) | 0.0995 | 0.111 | | ug/L | | 111 | 50 - 150 |
| Chlorpyrifos | 0.0498 | 0.0706 | | ug/L | | 142 | 50 - 150 |
| Chrysene | 0.0199 | 0.0211 | | ug/L | | 106 | 50 - 150 |
| delta-BHC | 0.0995 | 0.116 | | ug/L | | 116 | 50 - 150 |
| Di(2-ethylhexyl)adipate | 0.597 | 0.727 | | ug/L | | 122 | 50 - 150 |
| Dibenz(a,h)anthracene | 0.0498 | 0.0572 | | ug/L | | 115 | 50 - 150 |
| Diclorvos (DDVP) | 0.0498 | 0.0714 | | ug/L | | 144 | 50 - 150 |
| Dieldrin | 0.00995 | 0.0132 | | ug/L | | 132 | 50 - 150 |
| Diethylphthalate | 0.498 | 0.541 | | ug/L | | 109 | 50 - 150 |
| Dimethylphthalate | 0.498 | 0.537 | | ug/L | | 108 | 50 - 150 |
| Di-n-butyl phthalate | 0.498 | 0.651 | J | ug/L | | 131 | 49 - 243 |
| Di-n-octyl phthalate | 0.0995 | 0.133 | | ug/L | | 134 | 50 - 150 |
| Endosulfan I (Alpha) | 0.0995 | 0.0980 | J | ug/L | | 98 | 50 - 150 |
| Endosulfan II (Beta) | 0.0995 | 0.136 | | ug/L | | 137 | 50 - 150 |
| Endosulfan sulfate | 0.0995 | 0.118 | | ug/L | | 118 | 50 - 150 |
| Endrin | 0.00995 | 0.0117 | | ug/L | | 117 | 50 - 150 |
| Endrin aldehyde | 0.0995 | 0.136 | | ug/L | | 136 | 50 - 150 |
| EPTC | 0.0995 | 0.110 | | ug/L | | 110 | 50 - 150 |
| Fluoranthene | 0.0995 | 0.112 | | ug/L | | 113 | 50 - 150 |
| Fluorene | 0.0498 | 0.0558 | | ug/L | | 112 | 50 - 150 |
| gamma-Chlordane | 0.0249 | 0.0339 | J | ug/L | | 136 | 50 - 150 |
| Heptachlor | 0.00995 | 0.0156 | ^3+ | ug/L | | 157 | 50 - 150 |
| Heptachlor epoxide (isomer B) | 0.00995 | 0.0156 | ^3+ | ug/L | | 156 | 50 - 150 |
| Hexachlorobenzene | 0.0498 | 0.0686 | | ug/L | | 138 | 50 - 150 |
| Hexachlorocyclopentadiene | 0.0498 | 0.0456 | J | ug/L | | 92 | 50 - 150 |
| Indeno[1,2,3-cd]pyrene | 0.0498 | 0.0677 | | ug/L | | 136 | 50 - 150 |
| Isophorone | 0.0995 | 0.109 | | ug/L | | 109 | 50 - 150 |
| Lindane | 0.00995 | 0.0101 | | ug/L | | 101 | 50 - 150 |
| Malathion | 0.0995 | 0.123 | | ug/L | | 123 | 50 - 150 |
| Methoxychlor | 0.0498 | 0.0759 | ^3+ | ug/L | | 153 | 50 - 150 |
| Metolachlor | 0.0498 | 0.0639 | | ug/L | | 128 | 50 - 150 |
| Molinate | 0.0995 | 0.124 | | ug/L | | 125 | 50 - 150 |
| Naphthalene | 0.0995 | 0.0989 | J | ug/L | | 99 | 50 - 150 |
| Parathion | 0.0995 | 0.116 | | ug/L | | 117 | 50 - 150 |
| Pendimethalin (Penoxaline) | 0.0995 | 0.112 | | ug/L | | 113 | 50 - 150 |
| Phenanthrene | 0.0398 | 0.0447 | | ug/L | | 112 | 50 - 150 |
| Propachlor | 0.0498 | 0.0811 | ^3+ | ug/L | | 163 | 50 - 150 |
| Pyrene | 0.0498 | 0.0572 | | ug/L | | 115 | 50 - 150 |

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

**Lab Sample ID: MRL 380-231285/22-A**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| Simazine | 0.0498 | 0.0739 | | ug/L | | 149 | 50 - 150 |
| Terbacil | 0.0995 | 0.141 | | ug/L | | 141 | 50 - 150 |
| Terbuthylazine | 0.0995 | 0.111 | | ug/L | | 112 | 50 - 150 |
| Thiobencarb | 0.0995 | 0.110 | | ug/L | | 111 | 50 - 150 |
| trans-Nonachlor | 0.0249 | 0.0263 | J | ug/L | | 106 | 50 - 150 |
| Trifluralin | 0.0995 | 0.132 | | ug/L | | 132 | 50 - 150 |

| *Surrogate* | *MRL %Recovery* | *MRL Qualifier* | *Limits* |
|---|---|---|---|
| *2-Nitro-m-xylene* | *96* | | *70 - 130* |
| *Perylene-d12* | *87* | | *70 - 130* |
| *Triphenylphosphate* | *101* | | *70 - 130* |

**Lab Sample ID: 380-216594-1 MS**
**Matrix: Drinking Water**
**Analysis Batch: 231634**

**Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.098 | | 1.97 | 1.96 | | ug/L | | 99 | 70 - 130 |
| 2,4'-DDD | <0.098 | | 1.97 | 2.10 | | ug/L | | 107 | 70 - 130 |
| 2,4'-DDE | <0.098 | | 1.97 | 2.06 | | ug/L | | 105 | 70 - 130 |
| 2,4'-DDT | <0.098 | | 1.97 | 1.96 | | ug/L | | 100 | 70 - 130 |
| 2,4-Dinitrotoluene | <0.098 | | 1.97 | 2.17 | | ug/L | | 110 | 70 - 130 |
| 2,6-Dinitrotoluene | <0.098 | | 1.97 | 2.20 | | ug/L | | 112 | 70 - 130 |
| 2-Methylnaphthalene | <0.098 | | 1.97 | 1.92 | | ug/L | | 97 | 70 - 130 |
| 4,4'-DDD | <0.098 | | 1.97 | 2.03 | | ug/L | | 103 | 70 - 130 |
| 4,4'-DDE | <0.098 | | 1.97 | 1.90 | | ug/L | | 97 | 70 - 130 |
| 4,4'-DDT | <0.098 | | 1.97 | 1.98 | | ug/L | | 101 | 70 - 130 |
| Acenaphthene | <0.098 | | 1.97 | 1.97 | | ug/L | | 100 | 70 - 130 |
| Acenaphthylene | <0.098 | | 1.97 | 1.95 | | ug/L | | 99 | 70 - 130 |
| Acetochlor | <0.098 | | 1.97 | 2.20 | | ug/L | | 112 | 70 - 130 |
| Alachlor | <0.049 | | 1.97 | 2.16 | | ug/L | | 109 | 70 - 130 |
| alpha-BHC | <0.098 | | 1.97 | 1.96 | | ug/L | | 99 | 70 - 130 |
| alpha-Chlordane | <0.049 | | 1.97 | 1.99 | | ug/L | | 101 | 70 - 130 |
| Anthracene | <0.020 | | 1.97 | 1.51 | | ug/L | | 76 | 70 - 130 |
| Atrazine | <0.049 | | 1.97 | 2.11 | | ug/L | | 107 | 70 - 130 |
| Benz(a)anthracene | <0.049 | | 1.97 | 2.05 | | ug/L | | 104 | 70 - 130 |
| Benzo[a]pyrene | <0.020 | | 1.97 | 1.92 | | ug/L | | 97 | 70 - 130 |
| Benzo[b]fluoranthene | <0.020 | | 1.97 | 2.15 | | ug/L | | 109 | 70 - 130 |
| Benzo[g,h,i]perylene | <0.049 | | 1.97 | 2.23 | | ug/L | | 113 | 70 - 130 |
| Benzo[k]fluoranthene | <0.020 | | 1.97 | 2.11 | | ug/L | | 107 | 70 - 130 |
| beta-BHC | <0.098 | | 1.97 | 2.04 | | ug/L | | 104 | 70 - 130 |
| Bis(2-ethylhexyl) phthalate | <0.59 | | 1.97 | 2.06 | | ug/L | | 105 | 70 - 130 |
| Bromacil | <0.098 | | 1.97 | 2.22 | | ug/L | | 111 | 70 - 130 |
| Butachlor | <0.049 | ^3+ | 1.97 | 2.29 | | ug/L | | 116 | 70 - 130 |
| Butylbenzylphthalate | <0.49 | | 1.97 | 2.30 | | ug/L | | 117 | 70 - 130 |
| Chlorobenzilate | <0.098 | | 1.97 | 2.24 | | ug/L | | 114 | 70 - 130 |
| Chloroneb | <0.098 | | 1.97 | 2.04 | | ug/L | | 103 | 70 - 130 |
| Chlorothalonil (Draconil, Bravo) | <0.098 | | 1.97 | 2.14 | | ug/L | | 109 | 70 - 130 |

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

**Lab Sample ID: 380-216594-1 MS**
**Matrix: Drinking Water**
**Analysis Batch: 231634**

**Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| Chlorpyrifos | <0.049 | | 1.97 | 2.03 | | ug/L | | 103 | 70 - 130 |
| Chrysene | <0.020 | | 1.97 | 1.92 | | ug/L | | 98 | 70 - 130 |
| delta-BHC | <0.098 | | 1.97 | 2.00 | | ug/L | | 101 | 70 - 130 |
| Di(2-ethylhexyl)adipate | <0.59 | | 1.97 | 2.17 | | ug/L | | 110 | 70 - 130 |
| Dibenz(a,h)anthracene | <0.049 | | 1.97 | 2.12 | | ug/L | | 107 | 70 - 130 |
| Diclorvos (DDVP) | <0.049 | | 1.97 | 2.15 | | ug/L | | 109 | 70 - 130 |
| Dieldrin | <0.0098 | | 1.97 | 2.35 | | ug/L | | 119 | 70 - 130 |
| Diethylphthalate | <0.49 | | 1.97 | 2.11 | | ug/L | | 107 | 70 - 130 |
| Dimethylphthalate | <0.49 | | 1.97 | 2.02 | | ug/L | | 103 | 70 - 130 |
| Di-n-butyl phthalate | <0.98 | | 3.94 | 4.49 | | ug/L | | 114 | 70 - 130 |
| Di-n-octyl phthalate | <0.098 | | 1.97 | 2.05 | | ug/L | | 104 | 70 - 130 |
| Endosulfan I (Alpha) | <0.098 | | 1.97 | 2.06 | | ug/L | | 105 | 70 - 130 |
| Endosulfan II (Beta) | <0.098 | | 1.97 | 1.95 | | ug/L | | 99 | 70 - 130 |
| Endosulfan sulfate | <0.098 | | 1.97 | 2.25 | | ug/L | | 114 | 70 - 130 |
| Endrin | <0.0098 | | 1.97 | 2.51 | | ug/L | | 127 | 70 - 130 |
| Endrin aldehyde | <0.098 | | 1.97 | 2.09 | | ug/L | | 106 | 60 - 130 |
| EPTC | <0.098 | | 1.97 | 2.05 | | ug/L | | 104 | 70 - 130 |
| Fluoranthene | <0.098 | | 1.97 | 1.94 | | ug/L | | 97 | 70 - 130 |
| Fluorene | <0.049 | | 1.97 | 1.94 | | ug/L | | 98 | 70 - 130 |
| gamma-Chlordane | <0.049 | | 1.97 | 2.08 | | ug/L | | 105 | 70 - 130 |
| Heptachlor | <0.0098 | ^3+ | 1.97 | 2.32 | | ug/L | | 118 | 70 - 130 |
| Heptachlor epoxide (isomer B) | <0.0098 | ^3+ | 1.97 | 2.07 | | ug/L | | 105 | 70 - 130 |
| Hexachlorobenzene | <0.049 | | 1.97 | 1.79 | | ug/L | | 91 | 70 - 130 |
| Hexachlorocyclopentadiene | <0.049 | | 1.97 | 1.98 | | ug/L | | 101 | 70 - 130 |
| Indeno[1,2,3-cd]pyrene | <0.049 | | 1.97 | 2.39 | | ug/L | | 122 | 70 - 130 |
| Isophorone | <0.098 | | 1.97 | 1.93 | | ug/L | | 98 | 70 - 130 |
| Lindane | <0.0098 | | 1.97 | 2.24 | | ug/L | | 114 | 70 - 130 |
| Malathion | <0.098 | | 1.97 | 2.09 | | ug/L | | 106 | 70 - 130 |
| Methoxychlor | <0.049 | ^3+ | 1.97 | 2.11 | | ug/L | | 107 | 70 - 130 |
| Metolachlor | <0.049 | | 1.97 | 2.12 | | ug/L | | 108 | 70 - 130 |
| Molinate | <0.098 | | 1.97 | 2.04 | | ug/L | | 103 | 70 - 130 |
| Naphthalene | <0.098 | | 1.97 | 1.90 | | ug/L | | 97 | 70 - 130 |
| Parathion | <0.098 | | 1.97 | 2.40 | | ug/L | | 122 | 70 - 130 |
| Pendimethalin (Penoxaline) | <0.098 | | 1.97 | 2.29 | | ug/L | | 116 | 70 - 130 |
| Phenanthrene | <0.039 | | 1.97 | 1.91 | | ug/L | | 97 | 70 - 130 |
| Propachlor | <0.049 | ^3+ | 1.97 | 2.15 | | ug/L | | 109 | 70 - 130 |
| Pyrene | <0.049 | | 1.97 | 2.01 | | ug/L | | 102 | 70 - 130 |
| Simazine | <0.049 | | 1.97 | 2.05 | | ug/L | | 104 | 70 - 130 |
| Terbacil | <0.098 | | 1.97 | 2.31 | | ug/L | | 117 | 70 - 130 |
| Terbuthylazine | <0.098 | | 1.97 | 2.13 | | ug/L | | 108 | 70 - 130 |
| Thiobencarb | <0.098 | | 1.97 | 2.10 | | ug/L | | 106 | 70 - 130 |
| trans-Nonachlor | <0.049 | | 1.97 | 2.04 | | ug/L | | 104 | 70 - 130 |
| Trifluralin | <0.098 | | 1.97 | 2.37 | | ug/L | | 120 | 70 - 130 |

| *Surrogate* | *MS %Recovery* | *MS Qualifier* | *Limits* |
|---|---|---|---|
| *2-Nitro-m-xylene* | *97* | | *70 - 130* |
| *Perylene-d12* | *98* | | *70 - 130* |
| *Triphenylphosphate* | *108* | | *70 - 130* |

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

**Lab Sample ID: 380-216609-E-1-A DU**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2,4'-DDD | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2,4'-DDE | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2,4'-DDT | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2,4-Dinitrotoluene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2,6-Dinitrotoluene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 2-Methylnaphthalene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 4,4'-DDD | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 4,4'-DDE | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| 4,4'-DDT | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Acenaphthene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Acenaphthylene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Acetochlor | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Alachlor | <0.048 | | | <0.048 | | ug/L | | | | NC | 20 |
| alpha-BHC | <0.096 | | | <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 | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Bis(2-ethylhexyl) phthalate | <0.57 | | | <0.58 | | ug/L | | | | NC | 20 |
| Bromacil | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Butachlor | <0.048 | ^3+ | | <0.048 | | ug/L | | | | NC | 20 |
| Butylbenzylphthalate | <0.48 | | | <0.48 | | ug/L | | | | NC | 20 |
| Chlorobenzilate | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Chloroneb | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Chlorothalonil (Draconil, Bravo) | <0.096 | | | <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 | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Di(2-ethylhexyl)adipate | <0.57 | | | <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 | <0.0096 | | | <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 | <0.96 | | | <0.96 | | ug/L | | | | NC | 20 |
| Di-n-octyl phthalate | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Endosulfan I (Alpha) | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Endosulfan II (Beta) | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Endosulfan sulfate | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Endrin | <0.0096 | | | <0.0096 | | ug/L | | | | NC | 20 |
| Endrin aldehyde | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| EPTC | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |

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

**Lab Sample ID: 380-216609-E-1-A DU**
**Matrix: Water**
**Analysis Batch: 231634**

**Client Sample ID: Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 231285**

| Analyte | Sample Result | Sample Qualifier | | DU Result | DU Qualifier | Unit | D | | | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Fluoranthene | <0.096 | | | <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 | <0.0096 | ^3+ | | <0.0096 | | ug/L | | | | NC | 20 |
| Heptachlor epoxide (isomer B) | <0.0096 | ^3+ | | <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 | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Lindane | <0.0096 | | | <0.0096 | | ug/L | | | | NC | 20 |
| Malathion | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Methoxychlor | <0.048 | ^3+ | | <0.048 | | ug/L | | | | NC | 20 |
| Metolachlor | <0.048 | | | <0.048 | | ug/L | | | | NC | 20 |
| Molinate | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Naphthalene | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Parathion | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Pendimethalin (Penoxaline) | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Phenanthrene | <0.038 | | | <0.039 | | ug/L | | | | NC | 20 |
| Propachlor | <0.048 | ^3+ | | <0.048 | | ug/L | | | | NC | 20 |
| Pyrene | <0.048 | | | <0.048 | | ug/L | | | | NC | 20 |
| Simazine | <0.048 | | | <0.048 | | ug/L | | | | NC | 20 |
| Terbacil | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Terbuthylazine | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |
| Thiobencarb | <0.096 | | | <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 | <0.096 | | | <0.096 | | ug/L | | | | NC | 20 |

| *Surrogate* | *DU %Recovery* | *DU Qualifier* | *Limits* |
|---|---|---|---|
| *2-Nitro-m-xylene* | *96* | | *70 - 130* |
| *Perylene-d12* | *95* | | *70 - 130* |
| *Triphenylphosphate* | *108* | | *70 - 130* |

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

**Lab Sample ID: MB 570-746664/1-A**
**Matrix: Water**
**Analysis Batch: 749030**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| *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* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *106* | | *33 - 139* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |
| *2-Fluorobiphenyl (Surr)* | *89* | | *33 - 126* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |
| *2-Fluorophenol (Surr)* | *60* | | *12 - 120* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |
| *Nitrobenzene-d5 (Surr)* | *108* | | *36 - 120* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |
| *Phenol-d6 (Surr)* | *37* | | *10 - 120* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |

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

**Lab Sample ID: MB 570-746664/1-A**
**Matrix: Water**
**Analysis Batch: 749030**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *p-Terphenyl-d14 (Surr)* | *92* | | *47 - 131* | *05/31/26 08:21* | *06/04/26 11:39* | *1* |

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

**Lab Sample ID: MB 570-746664/1-A**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| 2-Methylnaphthalene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Acenaphthene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Acenaphthylene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Anthracene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Benzo[a]anthracene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Benzo[a]pyrene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Benzo[b]fluoranthene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Benzo[g,h,i]perylene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Benzo[k]fluoranthene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Chrysene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Dibenz(a,h)anthracene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Fluoranthene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Fluorene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Indeno[1,2,3-cd]pyrene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Naphthalene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Phenanthrene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |
| Pyrene | <0.20 | | 0.20 | | ug/L | | 05/31/26 08:21 | 06/03/26 07:55 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *85* | | *28 - 127* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |
| *2-Fluorobiphenyl (Surr)* | *83* | | *31 - 120* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |
| *2-Fluorophenol (Surr)* | *49* | | *17 - 120* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |
| *Nitrobenzene-d5 (Surr)* | *80* | | *27 - 120* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |
| *Phenol-d6 (Surr)* | *31* | | *10 - 120* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |
| *p-Terphenyl-d14 (Surr)* | *78* | | *45 - 120* | *05/31/26 08:21* | *06/03/26 07:55* | *1* |

**Lab Sample ID: LCS 570-746664/2-A**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | 20.0 | 13.7 | | ug/L | | 69 | 47 - 120 |
| 2-Methylnaphthalene | 20.0 | 12.3 | | ug/L | | 61 | 43 - 120 |
| Acenaphthene | 20.0 | 15.6 | | ug/L | | 78 | 60 - 132 |
| Acenaphthylene | 20.0 | 15.5 | | ug/L | | 77 | 54 - 126 |
| Anthracene | 20.0 | 15.2 | | ug/L | | 76 | 43 - 120 |
| Benzo[a]anthracene | 20.0 | 14.3 | | ug/L | | 71 | 42 - 133 |
| Benzo[a]pyrene | 20.0 | 15.1 | | ug/L | | 75 | 32 - 148 |

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

**Lab Sample ID: LCS 570-746664/2-A**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo[b]fluoranthene | | | 20.0 | 14.1 | | ug/L | | 71 | 42 - 140 | | |
| Benzo[g,h,i]perylene | | | 20.0 | 13.9 | | ug/L | | 69 | 1 - 195 | | |
| Benzo[k]fluoranthene | | | 20.0 | 14.2 | | ug/L | | 71 | 25 - 146 | | |
| Chrysene | | | 20.0 | 13.5 | | ug/L | | 68 | 44 - 140 | | |
| Dibenz(a,h)anthracene | | | 20.0 | 15.2 | | ug/L | | 76 | 1 - 200 | | |
| Fluoranthene | | | 20.0 | 15.7 | | ug/L | | 78 | 43 - 121 | | |
| Fluorene | | | 20.0 | 15.7 | | ug/L | | 78 | 70 - 120 | | |
| Indeno[1,2,3-cd]pyrene | | | 20.0 | 14.6 | | ug/L | | 73 | 1 - 151 | | |
| Naphthalene | | | 20.0 | 12.9 | | ug/L | | 65 | 36 - 120 | | |
| Phenanthrene | | | 20.0 | 15.2 | | ug/L | | 76 | 65 - 120 | | |
| Pyrene | | | 20.0 | 14.4 | | ug/L | | 72 | 70 - 120 | | |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *73* | | *28 - 127* |
| *2-Fluorobiphenyl (Surr)* | *75* | | *31 - 120* |
| *2-Fluorophenol (Surr)* | *50* | | *17 - 120* |
| *Nitrobenzene-d5 (Surr)* | *64* | | *27 - 120* |
| *Phenol-d6 (Surr)* | *34* | | *10 - 120* |
| *p-Terphenyl-d14 (Surr)* | *70* | | *45 - 120* |

**Lab Sample ID: LCSD 570-746664/3-A**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | | | 20.0 | 13.0 | | ug/L | | 65 | 47 - 120 | 6 | 20 |
| 2-Methylnaphthalene | | | 20.0 | 11.1 | | ug/L | | 56 | 43 - 120 | 10 | 20 |
| Acenaphthene | | | 20.0 | 15.2 | | ug/L | | 76 | 60 - 132 | 3 | 29 |
| Acenaphthylene | | | 20.0 | 14.9 | | ug/L | | 75 | 54 - 126 | 4 | 45 |
| Anthracene | | | 20.0 | 14.4 | | ug/L | | 72 | 43 - 120 | 5 | 40 |
| Benzo[a]anthracene | | | 20.0 | 15.4 | | ug/L | | 77 | 42 - 133 | 8 | 32 |
| Benzo[a]pyrene | | | 20.0 | 16.3 | | ug/L | | 82 | 32 - 148 | 8 | 43 |
| Benzo[b]fluoranthene | | | 20.0 | 15.6 | | ug/L | | 78 | 42 - 140 | 10 | 43 |
| Benzo[g,h,i]perylene | | | 20.0 | 15.7 | | ug/L | | 79 | 1 - 195 | 12 | 61 |
| Benzo[k]fluoranthene | | | 20.0 | 15.7 | | ug/L | | 79 | 25 - 146 | 10 | 38 |
| Chrysene | | | 20.0 | 15.1 | | ug/L | | 76 | 44 - 140 | 11 | 53 |
| Dibenz(a,h)anthracene | | | 20.0 | 17.0 | | ug/L | | 85 | 1 - 200 | 11 | 75 |
| Fluoranthene | | | 20.0 | 15.0 | | ug/L | | 75 | 43 - 121 | 4 | 40 |
| Fluorene | | | 20.0 | 15.2 | | ug/L | | 76 | 70 - 120 | 3 | 23 |
| Indeno[1,2,3-cd]pyrene | | | 20.0 | 16.0 | | ug/L | | 80 | 1 - 151 | 9 | 60 |
| Naphthalene | | | 20.0 | 11.9 | | ug/L | | 60 | 36 - 120 | 8 | 39 |
| Phenanthrene | | | 20.0 | 15.2 | | ug/L | | 76 | 65 - 120 | 0 | 24 |
| Pyrene | | | 20.0 | 15.6 | | ug/L | | 78 | 70 - 120 | 8 | 30 |

| *Surrogate* | *LCSD %Recovery* | *LCSD Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *69* | | *28 - 127* |
| *2-Fluorobiphenyl (Surr)* | *72* | | *31 - 120* |
| *2-Fluorophenol (Surr)* | *47* | | *17 - 120* |

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

**Lab Sample ID: LCSD 570-746664/3-A**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| Nitrobenzene-d5 (Surr) | 61 | | 27 - 120 |
| Phenol-d6 (Surr) | 33 | | 10 - 120 |
| p-Terphenyl-d14 (Surr) | 74 | | 45 - 120 |

**Lab Sample ID: 380-216586-A-1-A MS**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.19 | | 19.6 | 14.6 | | ug/L | | 74 | 36 - 120 |
| 2-Methylnaphthalene | <0.19 | | 19.6 | 13.0 | | ug/L | | 66 | 32 - 124 |
| Acenaphthene | <0.19 | | 19.6 | 16.6 | | ug/L | | 85 | 47 - 145 |
| Acenaphthylene | <0.19 | | 19.6 | 16.5 | | ug/L | | 84 | 33 - 145 |
| Anthracene | <0.19 | | 19.6 | 15.4 | | ug/L | | 78 | 27 - 133 |
| Benzo[a]anthracene | <0.19 | | 19.6 | 16.3 | | ug/L | | 83 | 33 - 143 |
| Benzo[a]pyrene | <0.19 | | 19.6 | 17.7 | | ug/L | | 90 | 17 - 163 |
| Benzo[b]fluoranthene | <0.19 | | 19.6 | 16.6 | | ug/L | | 84 | 24 - 159 |
| Benzo[g,h,i]perylene | <0.19 | | 19.6 | 16.6 | | ug/L | | 85 | 1 - 219 |
| Benzo[k]fluoranthene | <0.19 | | 19.6 | 16.4 | | ug/L | | 84 | 11 - 162 |
| Chrysene | <0.19 | | 19.6 | 16.5 | | ug/L | | 84 | 17 - 168 |
| Dibenz(a,h)anthracene | <0.19 | | 19.6 | 17.8 | | ug/L | | 90 | 1 - 227 |
| Fluoranthene | <0.19 | | 19.6 | 16.2 | | ug/L | | 83 | 26 - 137 |
| Fluorene | <0.19 | | 19.6 | 16.9 | | ug/L | | 86 | 59 - 121 |
| Indeno[1,2,3-cd]pyrene | <0.19 | | 19.6 | 17.2 | | ug/L | | 88 | 1 - 171 |
| Naphthalene | <0.19 | | 19.6 | 13.6 | | ug/L | | 69 | 21 - 133 |
| Phenanthrene | <0.19 | | 19.6 | 16.5 | | ug/L | | 84 | 54 - 120 |
| Pyrene | <0.19 | | 19.6 | 17.1 | | ug/L | | 87 | 52 - 120 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| 2,4,6-Tribromophenol (Surr) | 80 | | 28 - 127 |
| 2-Fluorobiphenyl (Surr) | 79 | | 31 - 120 |
| 2-Fluorophenol (Surr) | 54 | | 17 - 120 |
| Nitrobenzene-d5 (Surr) | 69 | | 27 - 120 |
| Phenol-d6 (Surr) | 37 | | 10 - 120 |
| p-Terphenyl-d14 (Surr) | 78 | | 45 - 120 |

**Lab Sample ID: 380-216586-A-1-B MSD**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-Methylnaphthalene | <0.19 | | 19.6 | 14.8 | | ug/L | | 75 | 36 - 120 | 1 | 30 |
| 2-Methylnaphthalene | <0.19 | | 19.6 | 13.1 | | ug/L | | 67 | 32 - 124 | 1 | 30 |
| Acenaphthene | <0.19 | | 19.6 | 16.6 | | ug/L | | 85 | 47 - 145 | 0 | 48 |
| Acenaphthylene | <0.19 | | 19.6 | 16.7 | | ug/L | | 85 | 33 - 145 | 1 | 74 |
| Anthracene | <0.19 | | 19.6 | 15.8 | | ug/L | | 81 | 27 - 133 | 3 | 66 |
| Benzo[a]anthracene | <0.19 | | 19.6 | 17.6 | | ug/L | | 90 | 33 - 143 | 8 | 53 |
| Benzo[a]pyrene | <0.19 | | 19.6 | 18.6 | | ug/L | | 95 | 17 - 163 | 5 | 72 |

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

**Lab Sample ID: 380-216586-A-1-B MSD**
**Matrix: Water**
**Analysis Batch: 748206**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 746664**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzo[b]fluoranthene | <0.19 | | 19.6 | 17.7 | | ug/L | | 90 | 24 - 159 | 7 | 71 |
| Benzo[g,h,i]perylene | <0.19 | | 19.6 | 17.3 | | ug/L | | 88 | 1 - 219 | 4 | 97 |
| Benzo[k]fluoranthene | <0.19 | | 19.6 | 17.5 | | ug/L | | 89 | 11 - 162 | 6 | 63 |
| Chrysene | <0.19 | | 19.6 | 16.8 | | ug/L | | 86 | 17 - 168 | 2 | 87 |
| Dibenz(a,h)anthracene | <0.19 | | 19.6 | 18.6 | | ug/L | | 95 | 1 - 227 | 4 | 126 |
| Fluoranthene | <0.19 | | 19.6 | 16.3 | | ug/L | | 83 | 26 - 137 | 0 | 66 |
| Fluorene | <0.19 | | 19.6 | 16.7 | | ug/L | | 85 | 59 - 121 | 1 | 38 |
| Indeno[1,2,3-cd]pyrene | <0.19 | | 19.6 | 17.7 | | ug/L | | 90 | 1 - 171 | 2 | 99 |
| Naphthalene | <0.19 | | 19.6 | 13.7 | | ug/L | | 70 | 21 - 133 | 0 | 65 |
| Phenanthrene | <0.19 | | 19.6 | 17.1 | | ug/L | | 87 | 54 - 120 | 4 | 39 |
| Pyrene | <0.19 | | 19.6 | 18.1 | | ug/L | | 92 | 52 - 120 | 6 | 49 |

| *Surrogate* | *MSD %Recovery* | *MSD Qualifier* | *Limits* |
|---|---|---|---|
| *2,4,6-Tribromophenol (Surr)* | *77* | | *28 - 127* |
| *2-Fluorobiphenyl (Surr)* | *83* | | *31 - 120* |
| *2-Fluorophenol (Surr)* | *57* | | *17 - 120* |
| *Nitrobenzene-d5 (Surr)* | *69* | | *27 - 120* |
| *Phenol-d6 (Surr)* | *39* | | *10 - 120* |
| *p-Terphenyl-d14 (Surr)* | *81* | | *45 - 120* |

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

**Lab Sample ID: MB 570-751360/6**
**Matrix: Water**
**Analysis Batch: 751360**

**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 | | | 06/09/26 12:28 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *95* | | *38 - 134* | | *06/09/26 12:28* | *1* |

**Lab Sample ID: LCS 570-751360/3**
**Matrix: Water**
**Analysis Batch: 751360**

**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 | 395 | | ug/L | | 99 | 78 - 120 | | |

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

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

**Lab Sample ID: LCSD 570-751360/4**
**Matrix: Water**
**Analysis Batch: 751360**

**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 | 432 | | ug/L | | 108 | 78 - 120 | 9 | 10 |

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

**Lab Sample ID: MRL 570-751360/5**
**Matrix: Water**
**Analysis Batch: 751360**

**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 | 13.4 | | ug/L | | 134 | 50 - 150 |

| *Surrogate* | *MRL %Recovery* | *MRL Qualifier* | *Limits* |
|---|---|---|---|
| *4-Bromofluorobenzene (Surr)* | *93* | | *38 - 134* |

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

**Lab Sample ID: MB 570-747016/1-A**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Method Blank**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | MB Result | MB Qualifier | RL | | Unit | D | Prepared | Analyzed | Dil Fac |
|---|---|---|---|---|---|---|---|---|---|
| Diesel Range Organics (C10-C24) | <25 | | 25 | | ug/L | | 06/01/26 09:03 | 06/08/26 11:46 | 1 |
| Motor Oil Range Organics [C24-C36] | <25 | | 25 | | ug/L | | 06/01/26 09:03 | 06/08/26 11:46 | 1 |
| C8-C18 | <25 | | 25 | | ug/L | | 06/01/26 09:03 | 06/08/26 11:46 | 1 |

| *Surrogate* | *MB %Recovery* | *MB Qualifier* | *Limits* | *Prepared* | *Analyzed* | *Dil Fac* |
|---|---|---|---|---|---|---|
| *n-Octacosane (Surr)* | *103* | | *60 - 130* | *06/01/26 09:03* | *06/08/26 11:46* | *1* |

**Lab Sample ID: LCS 570-747016/2-A**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | | | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 1600 | 1720 | | ug/L | | 108 | 56 - 127 |

| *Surrogate* | *LCS %Recovery* | *LCS Qualifier* | *Limits* |
|---|---|---|---|
| *n-Octacosane (Surr)* | *108* | | *60 - 130* |

**Lab Sample ID: LCSD 570-747016/3-A**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | | | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 1600 | 1680 | | ug/L | | 105 | 56 - 127 | 2 | 23 |

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

**Lab Sample ID: LCSD 570-747016/3-A**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Lab Control Sample Dup**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 109 | | 60 - 130 |

**Lab Sample ID: MRL 570-747016/4-A**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Lab Control Sample**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | | | Spike Added | MRL Result | MRL Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | | | 0.0200 | 0.0311 | ^3+ | mg/L | | 156 | 50 - 150 | | |

| Surrogate | MRL %Recovery | MRL Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 98 | | 60 - 130 |

**Lab Sample ID: 380-216586-C-1-A MS**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Matrix Spike**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | <25 | ^3+ | 1650 | 1800 | | ug/L | | 109 | 70 - 130 | | |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 110 | | 60 - 130 |

**Lab Sample ID: 380-216586-C-1-B MSD**
**Matrix: Water**
**Analysis Batch: 750788**

**Client Sample ID: Matrix Spike Duplicate**
**Prep Type: Total/NA**
**Prep Batch: 747016**

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C10-C28 | <25 | ^3+ | 1660 | 1720 | | ug/L | | 104 | 70 - 130 | 5 | 20 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|---|---|---|---|
| n-Octacosane (Surr) | 102 | | 60 - 130 |

## GC/MS Semi VOA

### Prep Batch: 231285

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 525.2 | |
| MB 380-231285/21-A | Method Blank | Total/NA | Water | 525.2 | |
| LCS 380-231285/23-A | Lab Control Sample | Total/NA | Water | 525.2 | |
| MRL 380-231285/22-A | Lab Control Sample | Total/NA | Water | 525.2 | |
| 380-216594-1 MS | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 525.2 | |
| 380-216609-E-1-A DU | Duplicate | Total/NA | Water | 525.2 | |

### Analysis Batch: 231634

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 525.2 | 231285 |
| MB 380-231285/21-A | Method Blank | Total/NA | Water | 525.2 | 231285 |
| LCS 380-231285/23-A | Lab Control Sample | Total/NA | Water | 525.2 | 231285 |
| MRL 380-231285/22-A | Lab Control Sample | Total/NA | Water | 525.2 | 231285 |
| 380-216594-1 MS | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 525.2 | 231285 |
| 380-216609-E-1-A DU | Duplicate | Total/NA | Water | 525.2 | 231285 |

### Prep Batch: 746664

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 625.1 | |
| MB 570-746664/1-A | Method Blank | Total/NA | Water | 625.1 | |
| LCS 570-746664/2-A | Lab Control Sample | Total/NA | Water | 625.1 | |
| LCSD 570-746664/3-A | Lab Control Sample Dup | Total/NA | Water | 625.1 | |
| 380-216586-A-1-A MS | Matrix Spike | Total/NA | Water | 625.1 | |
| 380-216586-A-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 625.1 | |

### Analysis Batch: 748206

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 625.1 SIM | 746664 |
| MB 570-746664/1-A | Method Blank | Total/NA | Water | 625.1 SIM | 746664 |
| LCS 570-746664/2-A | Lab Control Sample | Total/NA | Water | 625.1 SIM | 746664 |
| LCSD 570-746664/3-A | Lab Control Sample Dup | Total/NA | Water | 625.1 SIM | 746664 |
| 380-216586-A-1-A MS | Matrix Spike | Total/NA | Water | 625.1 SIM | 746664 |
| 380-216586-A-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 625.1 SIM | 746664 |

### Analysis Batch: 749030

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 625.1 | 746664 |
| MB 570-746664/1-A | Method Blank | Total/NA | Water | 625.1 | 746664 |

## GC VOA

### Analysis Batch: 751360

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 8015B GRO LL | |
| 380-216594-2 | TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP( | Total/NA | Water | 8015B GRO LL | |
| MB 570-751360/6 | Method Blank | Total/NA | Water | 8015B GRO LL | |
| LCS 570-751360/3 | Lab Control Sample | Total/NA | Water | 8015B GRO LL | |
| LCSD 570-751360/4 | Lab Control Sample Dup | Total/NA | Water | 8015B GRO LL | |
| MRL 570-751360/5 | Lab Control Sample | Total/NA | Water | 8015B GRO LL | |

# QC Association Summary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## GC Semi VOA

### Prep Batch: 747016

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 3510C | |
| MB 570-747016/1-A | Method Blank | Total/NA | Water | 3510C | |
| LCS 570-747016/2-A | Lab Control Sample | Total/NA | Water | 3510C | |
| LCSD 570-747016/3-A | Lab Control Sample Dup | Total/NA | Water | 3510C | |
| MRL 570-747016/4-A | Lab Control Sample | Total/NA | Water | 3510C | |
| 380-216586-C-1-A MS | Matrix Spike | Total/NA | Water | 3510C | |
| 380-216586-C-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 3510C | |

### Analysis Batch: 750788

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Total/NA | Drinking Water | 8015B | 747016 |
| MB 570-747016/1-A | Method Blank | Total/NA | Water | 8015B | 747016 |
| LCS 570-747016/2-A | Lab Control Sample | Total/NA | Water | 8015B | 747016 |
| LCSD 570-747016/3-A | Lab Control Sample Dup | Total/NA | Water | 8015B | 747016 |
| MRL 570-747016/4-A | Lab Control Sample | Total/NA | Water | 8015B | 747016 |
| 380-216586-C-1-A MS | Matrix Spike | Total/NA | Water | 8015B | 747016 |
| 380-216586-C-1-B MSD | Matrix Spike Duplicate | Total/NA | Water | 8015B | 747016 |

# Lab Chronicle

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Client Sample ID: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Lab Sample ID: 380-216594-1**

**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab | Prepared or Analyzed |
|---|---|---|---|---|---|---|---|---|
| Total/NA | Prep | 525.2 | | | 231285 | OTM3 | EA POM | 06/03/26 07:39 |
| Total/NA | Analysis | 525.2 | | 1 | 231634 | Q8LA | EA POM | 06/04/26 13:59 |
| Total/NA | Prep | 625.1 | | | 746664 | KLZQ | EET CAL 4 | 05/31/26 08:21 |
| Total/NA | Analysis | 625.1 | | 1 | 749030 | PQS1 | EET CAL 4 | 06/04/26 13:16 |
| Total/NA | Prep | 625.1 | | | 746664 | KLZQ | EET CAL 4 | 05/31/26 08:21 |
| Total/NA | Analysis | 625.1 SIM | | 1 | 748206 | PQS1 | EET CAL 4 | 06/03/26 12:59 |
| Total/NA | Analysis | 8015B GRO LL | | 1 | 751360 | A9VE | EET CAL 4 | 06/09/26 15:28 |
| Total/NA | Prep | 3510C | | | 747016 | TVD6 | EET CAL 4 | 06/01/26 09:04 |
| Total/NA | Analysis | 8015B | | 1 | 750788 | NR | EET CAL 4 | 06/08/26 14:37 |

## Client Sample ID: TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP071)

**Lab Sample ID: 380-216594-2**

**Date Collected: 05/26/26 10:56**
**Date Received: 05/28/26 10:10**

**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 | 751360 | A9VE | EET CAL 4 | 06/09/26 13:32 |

**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: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Laboratory: Eurofins Pomona

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| Hawaii | State | CA00006 | 01-31-26 * |

The following analytes are included in this report, but the laboratory is not certified by Hawaii State CA00006. This list may include analytes for which the agency does not offer certification:

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

## Laboratory: Eurofins Calscience

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

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

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

# Accreditation/Certification Summary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

## Laboratory: Eurofins Calscience (Continued)

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

| Authority | Program | Identification Number | Expiration Date |
|---|---|---|---|
| California | State | 3082 | 07-31-26 |
| 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 |

# Method Summary

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

Job ID: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

| 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: 380-216594-1
SDG: Weekly: Aiea Gulch Wells Pump 1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received | PWSID Number |
|---|---|---|---|---|---|
| 380-216594-1 | AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Drinking Water | 05/26/26 10:56 | 05/28/26 10:10 | HI0000331 |
| 380-216594-2 | TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP071) | Water | 05/26/26 10:56 | 05/28/26 10:10 | |

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

# Chain of Custody Record

eurofins

380-216594 COC

| Client Information | Sampler: bailey | Lab PM: Lopez, Maria | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Mr. Kirk Iwamoto | Phone: +1 808 748 5840 | E-Mail: Maria.Lopez@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: City & County of Honolulu | PWSID: | | | Job #: |
| Address: 630 South Beretania Street Chemistry Lab | Due Date Requested: | | | |
| City: Honolulu | TAT Requested (days): | | | |
| State, Zip: HI, 96843 | Compliance Project: Δ Yes Δ No | | | |
| Phone: 808-748-5840 (Tel) | PO #: C20525101 exp 05312023 | | | |
| Email: kiwamoto@hbws.org | WO #: | | | |
| Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill | Project #: 38001111 | | | |
| Site: Hawaii | SSOW#: | | | |

**Analysis Requested**

Preservation Codes:
R - NaThioSO4
RA - NaThio/HCl
Q - Na2SO3
QA - Na2SO3/HCl
Y - Trizma
I - NH4 Acetate
Other:

| Sample Identification | Sample Date | Sample Time | Sample Type (C=comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 625.1, 625.1_SIM | 8015B_GRO_LL - (MOD) GRO | 8015B_DRO_LL_C8 - HNL Ranges: C10-C24/C24-C36/C8-C16 | 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 | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071) | 26-May-2026 | 1056 | G | Water | | | 2 | 3 | 2 | 2 | | | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071) (Matrix Spike) | | | | Water | | | | | | | | | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071)(Matrix Spike Duplicate) | | | | Water | | | | | | | | | | |
| TB: Aiea Gulch Wells Pump 1 (331-201-TP071) | 26-May-2026 | 1056 | | Water | | | | 2 | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FedEx 8723 0837 5588

| Relinquished by: | Date/Time: | Company | Received by: Mark Miyata | Date/Time: 5/28/26 1010 | Company EEHP |
|---|---|---|---|---|---|
| Relinquished by | Date/Time: | Company | Received by: | Date/Time: | Company |
| Relinquished by | Date/Time: | Company | Received by: | Date/Time: | Company |

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.. | Cooler Temperature(s) °C and Other Remarks: (631A) 5.8+0.0=5.8 gel-frozen

Ver: 04/02/2024



6/10/2026

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

# Chain of Custody Record

eurofins | Environment Testing

| Client Information | Sampler: bailey | Lab PM: Lopez, Maria | Carrier Tracking No(s): | COC No: |
|---|---|---|---|---|
| Client Contact: Mr Kirk Iwamoto | Phone: +1 808 748 5840 | E-Mail: Maria.Lopez@et.eurofinsus.com | State of Origin: | Page: Page 1 of 1 |
| Company: City & County of Honolulu | PWSID: | | | Job #: |
| Address: 630 South Beretania Street Chemistry Lab | Due Date Requested: | | | |
| City: Honolulu | TAT Requested (days): | | | |
| State, Zip: HI, 96843 | Compliance Project: Δ Yes Δ No | | | |
| Phone: 808-748-5840 (Tel) | PO #: C20525101 exp 05312023 | | | |
| Email: kiwamoto@hbws.org | WO #: | | | |
| Project Name: RED-HILL/HBWS Sites Event Desc: RUSH Weekly Red Hill | Project #: 38001111 | | | |
| Site: Hawaii | SSOW#: | | | |

**Analysis Requested**

**Preservation Codes:**
R - NaThioSO4
RA - NaThio/HCl
Q - Na2SO3
QA - Na2SO3/HCl
Y - Trizma
I - NH4 Acetate
Other

380-216594 COC

| Sample Identification | Sample Date | Sample Time | Sample Type (C=Comp, G=grab) | Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air) | Field Filtered Sample (Yes or No) | Perform MS/MSD (Yes or No) | 625.1, 625.1_SIM | 8015B_GRO_LL - (MOD) GRO | 8015B_DRO_LL_C8 - HNL Ranges C10-C24/C24-C36/C8-C18 | 625.2_PREC - (MOD) 625plus Plus TICs | 537.1_DW_PREC - 537.1 Full List | 533 - All Analytes | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | R | RA | Q | QA | Y | I | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071) | 26-May-2026 | 1056 | G | Water | | | 2 | 3 | 2 | 2 | | | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071) (Matrix Spike) | | | | Water | | | | | | | | | | |
| Aiea Gulch Wells Pump 1 (331-201-TP071)(Matrix Spike Duplicate) | | | | Water | | | | | | | | | | |
| TB: Aiea Gulch Wells Pump 1 (331-201-TP071) | 26-May-2026 | 1056 | | Water | | | | 2 | | | | | | |

***Possible Hazard Identification***
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

***Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)***
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: FedEx 872308375555 |
|---|---|---|---|

| Relinquished by | Date/Time | Company | Received by | Date/Time | Company |
|---|---|---|---|---|---|
| bailey | 27 May 2026 1400 | HBWS | Mark Uyeda | 5/29/26 1003 | CLEAR |
| 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: (63114) 4.6 +0.0 = 4.6 gbl - frozen |
|---|---|---|

Ver 04/02/2024

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

SHIP DATE: 27MAY26
ACTWGT 62.00 LB
CAD 258050552/INET4535

BILL RECIPIENT

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

POMONA CA 91768

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

68KJ3/A9D6/48AB

FedEx Express

J26102601200 1uv

THU - 28 MAY 10:30A
PRIORITY OVERNIGHT

3 of 6
MPS# 8723 0837 5577
0263
Mstr# 8723 0837 5555

0201

91768

WM ONTA

CA-US ONT

(631A) 2-2+0-0-2 2 901-Frozen
Manifest Verification 5/29/26 1003

After printing this label:
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
1 Fold the printed page along the horizontal line
2 Place label in shipping pouch and affix it to your shipment

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

# Chain of Custody Record

eurofins

Loc: 380
**216594**

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Lopez, Maria | Carrier Tracking No(s): N/A | COC No: 380-339717.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Maria.Lopez@et.eurofinsus.com | State of Origin: Hawaii | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing Southwest L | | Accreditations Required (See note): State - Hawaii | | Job #: 380-216594-1 |
| Address: 2841 Dow Avenue, Suite 100, | Due Date Requested: 6/10/2026 | | | |
| City: Tustin | TAT Requested (days): N/A | | | |
| State, Zip: CA, 92780 | | | | |
| Phone: 714-895-5494(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: RED-HILL | Project #: 38001111 | | | |
| Site: Honolulu BWS Sites | SSOW#: N/A | | | |

**Analysis Requested**

| 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_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: | | | | | | | | |
| AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-216594-1) | 5/26/26 | 10:56 Hawaiian | G | Water | | | X | X | X | 4 | MRLs are needed., MRLs are needed. Confirm any hits >RL. |

Preservation Codes:
-

Other:
N/A

380-216594 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract [illegible] t is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or [illegible] instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|
| Relinquished by: | 5/29/26 1330 | EEA | | 5/29/26 1830 | RC |
| 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: |
|---|---|---|
| | | 1.4/1.4 IR 8 |

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

# Chain of Custody Record

eurofins | Envi

Loc: 380
216594

| Client Information (Sub Contract Lab) | Sampler: N/A | Lab PM: Lopez, Maria | Carrier Tracking No(s): N/A | COC No: 380-339922.1 |
|---|---|---|---|---|
| Client Contact: Shipping/Receiving | Phone: N/A | E-Mail: Maria.Lopez@et.eurofinsus.com | State of Origin: Hawaii | Page: Page 1 of 1 |
| Company: Eurofins Environment Testing Southwest L | | Accreditations Required (See note): State - Hawaii | | Job #: 380-216594-1 |
| Address: 2841 Dow Avenue, Suite 100, | Due Date Requested: 6/10/2026 | | | Preservation Codes: - |
| City: Tustin | TAT Requested (days): N/A | | | |
| State, Zip: CA, 92780 | | | | |
| Phone: 714-895-5494(Tel) | PO #: N/A | | | |
| Email: N/A | WO #: N/A | | | |
| Project Name: RED-HILL | Project #: 38001111 | | | |
| Site: Honolulu BWS Sites | SSOW#: N/A | | | Other: N/A |

Analysis Requested

| 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_GRO_LL/5030C(MOD) GRO | 625.1_SIM/625_Prep(MOD) Extended PAH List | 625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold) | 8015B_DRO_LL_CS/3510C_LL HNL Ranges: C10-C24/C24-C36/C8-C18 | Total Number of containers | Special Instructions/Note: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Preservation Code: | | | | | | | | | |
| AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-216594-1) | 5/26/26 | 10:56 Hawaiian | G | Water | | | X | X | X | X | 3 | MRLs are needed., MRLs are needed. Confirm any hits >RL. |
| TBI: AIEA GULCH WELLS PUMP 1 (331-201-TP071) (380-21659 | 5/26/26 | 10:56 Hawaiian | G | Water | | | X | | | | 2 | MRLs are needed. Confirm any hits >RL. |

380-216594 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins Drinking Water and Wastewater West, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Drinking Water and Wastewater West, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Drinking Water and Wastewater West, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Drinking Water and Wastewater West, LLC.

| Possible Hazard Identification | Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month) |
|---|---|
| Unconfirmed | ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months |
| Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2 | Special Instructions/QC Requirements: |

| Empty Kit Relinquished by: | Date: | Time: | Method of Shipment: |
|---|---|---|---|

| | Relinquished by: | Date/Time: | Company | Received by: | Date/Time: | Company |
|---|---|---|---|---|---|---|
| 1 | Mark Murtic | 5/29/26 1530 | EAP | John C. Pacola | 5/29/26 15:30 | WP |
| 2 | John C. Pacola | 5/29/26 17:30 | WP | | 5/29/26 1730 | EC |
| 3 | | | | | | |

| Custody Seals Intact: ∆ Yes ∆ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.8 \| 1.9 IR-4 |
|---|---|---|

# Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-216594-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

**Login Number: 216594**
**List Number: 1**
**Creator: Tran, Kristine**

**List Source: Eurofins Pomona**

| Question | Answer | Comment |
|---|---|---|
| The coolers custody seal, if present, is intact. | N/A | |
| Sample custody seals, if present, are intact. | N/A | |
| Samples were received on ice. | True | |
| Cooler(s) Temperature is acceptable. | True | |
| Cooler(s) Temperature is recorded. | True | |
| COC is present. | True | |
| COC is filled out in ink and is legible. | True | |
| COC is filled out with all pertinent information. | True | |
| There are no discrepancies between the containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4"). | N/A | |
| ClO4 headspace requirement met (>50% for CA, >30% for other states). | N/A | |
| Samples do not require splitting or compositing. | True | |
| Container provided by EEA | True | |

# Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-216594-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

**Login Number: 216594**
**List Number: 2**
**Creator: Khana, Piyush**

**List Source: Eurofins Calscience**
**List Creation: 05/29/26 03:51 PM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 1.4 |
| 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 | |

# Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-216594-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

**Login Number: 216594**
**List Number: 3**
**Creator: Khana, Piyush**

**List Source: Eurofins Calscience**
**List Creation: 05/29/26 07:13 PM**

| Question | Answer | Comment |
|---|---|---|
| Radioactivity wasn't checked or is </= background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | True | |
| Sample custody seals, if present, are intact. | True | |
| The cooler or samples do not appear to have been compromised or tampered with. | True | |
| Samples were received on ice. | True | |
| Cooler Temperature is acceptable. | True | |
| Cooler Temperature is recorded. | True | 1.9 |
| 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 | fgf5 |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | |