

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 5/21/2026 4:56:25 PM

JOB DESCRIPTION

RED-HILL
Quarterly: Aiea Wells P2

JOB NUMBER

380-207350-1

Eurofins Pomona

Job Notes

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

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



Authorized for release by
Maria Lopez, Project Manager
Maria.Lopez@et.eurofinsus.com
(626)386-1100

Generated
5/21/2026 4:56:25 PM



Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	6
Detection Summary	8
Client Sample Results	9
Action Limit Summary	15
Surrogate Summary	17
QC Sample Results	21
QC Association Summary	59
Lab Chronicle	65
Certification Summary	66
Method Summary	68
Sample Summary	69
Chain of Custody	70
Receipt Checklists	73

Definitions/Glossary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number

Definitions/Glossary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Glossary (Continued)

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

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

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

Case Narrative

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

Job ID: 380-207350-1

Job ID: 380-207350-1

Eurofins Pomona

Job Narrative 380-207350-1

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

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

Receipt

The sample was received on 4/9/2026 10:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample was received: AIEA WELLS P2 (260) (331-004-WL103) trip blank for the following methods:

524.2 VOA/SIM TB

8015B_GRO TB

504.1 TB

Analysis of the Field Blank is required only if a field sample contains a method analyte or analytes at, or above, the MRL. Sample results showed ND for 524.2 VOA and SIM, 8015:_GRO and 504.1, thus valid for reporting (XWB4)

GC/MS VOA

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

GC/MS Semi VOA

Method 625.1: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-723539. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 625.1: Surrogate recovery for the following sample is outside the lower control limit: AIEA WELLS P2 (260) (331-004-WL103) (380-207350-1). Due to this QC issue the data has been excluded and

Method 625.1 SIM: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 570-723539 and analytical batch 570-724634 recovered outside control limits for the following analyte(s): Benzidine. Benzidine has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

Method 625.1 SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-723539 and analytical batch 570-724634 recovered outside control limits for the following analytes: Benzidine. Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 625.1 SIM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-723539 and analytical batch 570-725215 were outside control limits. Sample matrix interference is suspected.

Method 625.1 SIM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 570-723539 and analytical batch 570-725215 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 625.1 SIM: Surrogate recovery for the following sample is outside the lower control limit: AIEA WELLS P2 (260) (331-004-WL103) (380-207350-1). HT has expired therefore, no re-extraction. Due to issues with surrogate recoveries outside of the method requirements the data for 625.1 SIM and 625.1 was excluded. A follow up sample was collected on 05/19/26 under job # 380-215099-1. Analysis for method 625.1_SIM and 625.1 is currently in progress. (XWB4)

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

Eurofins Pomona

Case Narrative

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

Job ID: 380-207350-1

Job ID: 380-207350-1 (Continued)

Eurofins Pomona

Gasoline Range Organics

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

Diesel Range Organics

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

GC Semi VOA

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

Hydrocarbons

Method 8015B: The continuing calibration verification (CCV) associated with 570-723893 recovered high and outside the control limits for Ethanol and Hexafluoro-2-propanol (Surr) on one column. Results are confirmed on both columns and reported from the passing column.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-723893 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 570-723893 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Pesticides/PCBs

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

HPLC/IC

Method 300.0: The following sample was diluted for Nitrite as N to prevent detector saturation due to high conductivity: AIEA WELLS P2 (260) (331-004-WL103) (380-207350-1). Elevated reporting limits (RLs) are provided.

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

Metals

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

General Chemistry

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

Eurofins Pomona

Detection Summary

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Dieldrin	0.026		0.0098	ug/L	1		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.017		0.0098	ug/L	1		525.2	Total/NA
Chlordane (n.o.s.)	0.16		0.098	ug/L	1		505	Total/NA
Bromide	430		25	ug/L	5		300.0	Total/NA
Chloride	120		2.5	mg/L	5		300.0	Total/NA
Nitrate as N	1.5		0.10	mg/L	2		300.0	Total/NA
Sulfate	23		0.50	mg/L	2		300.0	Total/NA
Calcium	22		0.10	mg/L	1		200.7 Rev 4.4	Total/NA
Magnesium	20		0.10	mg/L	1		200.7 Rev 4.4	Total/NA
Potassium	2.5		0.20	mg/L	1		200.7 Rev 4.4	Total/NA
Sodium	43		0.10	mg/L	1		200.7 Rev 4.4	Total/NA
Chromium	2.2		0.90	ug/L	1		200.8	Total/NA
Copper	13		1.0	ug/L	1		200.8	Total/NA
Selenium	2.8		2.0	ug/L	1		200.8	Total/NA
Zinc	18		5.0	ug/L	1		200.8	Total/NA
Alkalinity	64		2.0	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	64		2.0	mg/L	1		SM 2320B	Total/NA
Specific Conductance	550		2.0	umhos/cm	1		SM 2510B	Total/NA
Total Dissolved Solids	350		20	mg/L	1		SM 2540C	Total/NA
Fluoride	0.053		0.050	mg/L	1		SM 4500 F C	Total/NA
pH	7.7	HF		SU	1		SM 4500 H+ B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

Method: EPA-DW 524.2 - Total Trihalomethanes

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trihalomethanes, Total	<0.50		0.50	ug/L			04/15/26 08:46	1

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,1,1-Trichloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,1,2-Trichloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0	ug/L			04/15/26 08:46	1
1,1-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,1-Dichloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,1-Dichloropropene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2,3-Trichloropropane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2,4-Trichlorobenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2,4-Trimethylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2-Dichloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,2-Dichloropropane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,3,5-Trimethylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
1,3-Dichloropropane	<0.50		0.50	ug/L			04/15/26 08:46	1
1,3-Dichloropropene, Total	<0.50		0.50	ug/L			04/15/26 08:46	1
2,2-Dichloropropane	<0.50		0.50	ug/L			04/15/26 08:46	1
2-Butanone (MEK)	<5.0		5.0	ug/L			04/15/26 08:46	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0	ug/L			04/15/26 08:46	1
Acetone	<500		500	ug/L			04/15/26 08:46	1
Benzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromobenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromochloromethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromodichloromethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromoethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromoform	<0.50		0.50	ug/L			04/15/26 08:46	1
Bromomethane (Methyl Bromide)	<0.50		0.50	ug/L			04/15/26 08:46	1
Carbon disulfide	<0.50		0.50	ug/L			04/15/26 08:46	1
Carbon tetrachloride	<0.50		0.50	ug/L			04/15/26 08:46	1
Chlorobenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Chlorodibromomethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Chloroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Chloroform (Trichloromethane)	<0.50		0.50	ug/L			04/15/26 08:46	1
Chloromethane (methyl chloride)	<0.50		0.50	ug/L			04/15/26 08:46	1
cis-1,2-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 08:46	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			04/15/26 08:46	1
Dibromomethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Dichlorodifluoromethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Dichloromethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Diisopropyl ether	<3.0		3.0	ug/L			04/15/26 08:46	1
Ethylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Hexachlorobutadiene	<0.50		0.50	ug/L			04/15/26 08:46	1
Isopropylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
m,p-Xylenes	<0.50		0.50	ug/L			04/15/26 08:46	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50	ug/L			04/15/26 08:46	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

Method: EPA-DW 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50	ug/L			04/15/26 08:46	1
Naphthalene	<0.50		0.50	ug/L			04/15/26 08:46	1
n-Butylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
N-Propylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
o-Chlorotoluene	<0.50		0.50	ug/L			04/15/26 08:46	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50	ug/L			04/15/26 08:46	1
o-Xylene	<0.50		0.50	ug/L			04/15/26 08:46	1
p-Chlorotoluene	<0.50		0.50	ug/L			04/15/26 08:46	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50	ug/L			04/15/26 08:46	1
p-Isopropyltoluene	<0.50		0.50	ug/L			04/15/26 08:46	1
sec-Butylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Styrene	<0.50		0.50	ug/L			04/15/26 08:46	1
Tert-amyl methyl ether	<3.0		3.0	ug/L			04/15/26 08:46	1
Tert-butyl ethyl ether	<3.0		3.0	ug/L			04/15/26 08:46	1
tert-Butylbenzene	<0.50		0.50	ug/L			04/15/26 08:46	1
Tetrachloroethene (PCE)	<0.50		0.50	ug/L			04/15/26 08:46	1
Toluene	<0.50		0.50	ug/L			04/15/26 08:46	1
trans-1,2-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 08:46	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			04/15/26 08:46	1
Trichloroethylene (TCE)	<0.50		0.50	ug/L			04/15/26 08:46	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50	ug/L			04/15/26 08:46	1
Trichlorotrifluoroethane	<0.50		0.50	ug/L			04/15/26 08:46	1
Vinyl Chloride (VC)	<0.30		0.30	ug/L			04/15/26 08:46	1
Xylenes, Total	<0.50		0.50	ug/L			04/15/26 08:46	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		04/15/26 08:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		04/15/26 08:46	1
4-Bromofluorobenzene (Surr)	99		70 - 130		04/15/26 08:46	1
Toluene-d8 (Surr)	100		70 - 130		04/15/26 08:46	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 130		04/15/26 08:46	1
4-Bromofluorobenzene (Surr)	99		70 - 130		04/15/26 08:46	1
Toluene-d8 (Surr)	100		70 - 130		04/15/26 08:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
2,4'-DDE	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
2,4'-DDT	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
2,4-Dinitrotoluene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
2,6-Dinitrotoluene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
4,4'-DDD	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
4,4'-DDE	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
4,4'-DDT	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Acenaphthene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Acenaphthylene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Acetochlor	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Alachlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
alpha-Chlordane	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Anthracene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 15:34	1
Atrazine	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Benz(a)anthracene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Benzo[a]pyrene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 15:34	1
Benzo[b]fluoranthene	<0.020	^+	0.020	ug/L		04/14/26 08:24	04/15/26 15:34	1
Benzo[g,h,i]perylene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Benzo[k]fluoranthene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 15:34	1
beta-BHC	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59	ug/L		04/14/26 08:24	04/15/26 15:34	1
Aldrin	<0.0098		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Bromacil	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Butachlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Butylbenzylphthalate	<0.49		0.49	ug/L		04/14/26 08:24	04/15/26 15:34	1
Chlorobenzilate	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Chloroneb	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Chlorothalonil (Draconil, Bravo)	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Chlorpyrifos	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Chrysene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 15:34	1
delta-BHC	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Di(2-ethylhexyl)adipate	<0.59		0.59	ug/L		04/14/26 08:24	04/15/26 15:34	1
Dibenz(a,h)anthracene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Diclorvos (DDVP)	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Dieldrin	0.026		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Diethylphthalate	<0.49		0.49	ug/L		04/14/26 08:24	04/15/26 15:34	1
Dimethylphthalate	<0.49		0.49	ug/L		04/14/26 08:24	04/15/26 15:34	1
Di-n-butyl phthalate	<0.98		0.98	ug/L		04/14/26 08:24	04/15/26 15:34	1
Di-n-octyl phthalate	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Endosulfan I (Alpha)	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Endosulfan II (Beta)	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Endosulfan sulfate	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Endrin	<0.0098		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Endrin aldehyde	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
EPTC	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Fluoranthene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Fluorene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
gamma-BHC (Lindane)	<0.0098		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
gamma-Chlordane	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Heptachlor	<0.0098		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Heptachlor epoxide (isomer B)	0.017		0.0098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Hexachlorobenzene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Hexachlorocyclopentadiene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Indeno[1,2,3-cd]pyrene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Isophorone	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Malathion	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Methoxychlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Metolachlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Molinate	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Parathion	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Pendimethalin (Penoxaline)	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Phenanthrene	<0.039		0.039	ug/L		04/14/26 08:24	04/15/26 15:34	1
Propachlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Pyrene	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Simazine	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Terbacil	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Terbutylazine	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Thiobencarb	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		04/14/26 08:24	04/15/26 15:34	1
trans-Nonachlor	<0.049		0.049	ug/L		04/14/26 08:24	04/15/26 15:34	1
Trifluralin	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
1-Methylnaphthalene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1
2-Methylnaphthalene	<0.098		0.098	ug/L		04/14/26 08:24	04/15/26 15:34	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	04/14/26 08:24	04/15/26 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	96		70 - 130	04/14/26 08:24	04/15/26 15:34	1
Perylene-d12	90		70 - 130	04/14/26 08:24	04/15/26 15:34	1
Triphenylphosphate	108		70 - 130	04/14/26 08:24	04/15/26 15:34	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			04/18/26 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		38 - 134		04/18/26 02:17	1

Method: EPA-DW2 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.020		0.020	ug/L		04/14/26 16:37	04/14/26 22:45	1
1,2-Dibromo-3-Chloropropane	<0.010		0.010	ug/L		04/14/26 16:37	04/14/26 22:45	1
1,2-Dibromoethane	<0.010		0.010	ug/L		04/14/26 16:37	04/14/26 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	104		60 - 140	04/14/26 16:37	04/14/26 22:45	1

Method: EPA 505 - Organochlorine Pesticides/PCBs (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toxaphene	<0.49		0.49	ug/L		04/10/26 12:54	04/10/26 21:30	1
Chlordane (n.o.s.)	0.16		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1016	<0.069		0.069	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1221	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1232	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1242	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1248	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1254	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1
PCB-1260	<0.069		0.069	ug/L		04/10/26 12:54	04/10/26 21:30	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

Method: EPA 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Polychlorinated biphenyls, Total	<0.098		0.098	ug/L		04/10/26 12:54	04/10/26 21:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	90		70 - 130	04/10/26 12:54	04/10/26 21:30	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		04/10/26 14:28	04/12/26 17:46	1
Motor Oil Range Organics [C24-C36]	<26		26	ug/L		04/10/26 14:28	04/12/26 17:46	1
C8-C18	<26		26	ug/L		04/10/26 14:28	04/12/26 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	92		60 - 130	04/10/26 14:28	04/12/26 17:46	1

Method: SW846 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	<0.10		0.10	mg/L			04/14/26 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Hexafluoro 2 propanol (Surr)	98	p	52 - 149		04/14/26 14:25	1

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	430		25	ug/L			04/11/26 16:05	5
Chloride	120		2.5	mg/L			04/10/26 16:23	5
Nitrate as N	1.5		0.10	mg/L			04/10/26 03:52	2
Nitrite as N	<0.10		0.10	mg/L			04/10/26 03:52	2
Sulfate	23		0.50	mg/L			04/10/26 03:52	2

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	22		0.10	mg/L			04/10/26 12:45	1
Magnesium	20		0.10	mg/L			04/10/26 12:45	1
Potassium	2.5		0.20	mg/L			04/10/26 12:45	1
Sodium	43		0.10	mg/L			04/10/26 12:45	1

Method: EPA 200.8 - Mercury (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	ug/L		04/15/26 10:17	04/15/26 19:17	1

Method: EPA 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	ug/L			04/10/26 15:20	1
Arsenic	<1.0		1.0	ug/L			04/10/26 15:20	1
Beryllium	<0.30		0.30	ug/L			04/13/26 13:49	1
Cadmium	<0.50		0.50	ug/L			04/10/26 15:20	1
Chromium	2.2		0.90	ug/L			04/10/26 15:20	1
Copper	13		1.0	ug/L			04/10/26 15:20	1
Lead	<0.50		0.50	ug/L			04/10/26 15:20	1
Nickel	<5.0		5.0	ug/L			04/10/26 15:20	1
Selenium	2.8		2.0	ug/L			04/10/26 15:20	1
Silver	<0.50		0.50	ug/L			04/10/26 15:20	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

PWSID Number: HI0000331

Method: EPA 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.30		0.30	ug/L			04/10/26 15:20	1
Zinc	18		5.0	ug/L			04/10/26 15:20	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	64		2.0	mg/L			04/10/26 16:12	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	64		2.0	mg/L			04/10/26 16:12	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<2.0		2.0	mg/L			04/10/26 16:12	1
Specific Conductance (SM 2510B)	550		2.0	umhos/cm			04/10/26 16:12	1
Total Dissolved Solids (SM 2540C)	350		20	mg/L			04/13/26 16:59	1
Fluoride (SM 4500 F C)	0.053		0.050	mg/L			04/13/26 19:14	1
pH (SM 4500 H+ B)	7.7	HF		SU			04/10/26 16:12	1
Sulfide (SM 4500 S2 D)	<0.050		0.050	mg/L			04/13/26 15:33	1

Action Limit Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

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	HI Org Limit	EPAMCL Limit	EPAMCL S Limit	Method	Prep Type
Trihalomethanes, Total	<0.50		ug/L		80		524.2	Total/NA
1,1,1-Trichloroethane	<0.50		ug/L	200.0	200		524.2	Total/NA
1,1,2-Trichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,1-Dichloroethylene	<0.50		ug/L	7.000	7		524.2	Total/NA
1,2,3-Trichloropropane	<0.50		ug/L	0.6000			524.2	Total/NA
1,2,4-Trichlorobenzene	<0.50		ug/L	70.00	70		524.2	Total/NA
1,2-Dichloroethane	<0.50		ug/L	5.000	5		524.2	Total/NA
1,2-Dichloropropane	<0.50		ug/L	5.000	5		524.2	Total/NA
Benzene	<0.50		ug/L	5.000	5		524.2	Total/NA
Bromodichloromethane	<0.50		ug/L		80		524.2	Total/NA
Bromoform	<0.50		ug/L		80		524.2	Total/NA
Carbon tetrachloride	<0.50		ug/L	5.000	5		524.2	Total/NA
Chlorobenzene	<0.50		ug/L	100.0	100		524.2	Total/NA
Chlorodibromomethane	<0.50		ug/L		80		524.2	Total/NA
Chloroform (Trichloromethane)	<0.50		ug/L		80		524.2	Total/NA
cis-1,2-Dichloroethylene	<0.50		ug/L	70.00	70		524.2	Total/NA
Dichloromethane	<0.50		ug/L	5.000	5		524.2	Total/NA
Ethylbenzene	<0.50		ug/L	700.0	700		524.2	Total/NA
o-Dichlorobenzene (1,2-DCB)	<0.50		ug/L	600.0	600		524.2	Total/NA
p-Dichlorobenzene (1,4-DCB)	<0.50		ug/L	75.000	75		524.2	Total/NA
Styrene	<0.50		ug/L	100.0	100		524.2	Total/NA
Tetrachloroethene (PCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Toluene	<0.50		ug/L	1000	1000		524.2	Total/NA
trans-1,2-Dichloroethylene	<0.50		ug/L	100.0	100		524.2	Total/NA
Trichloroethylene (TCE)	<0.50		ug/L	5.000	5		524.2	Total/NA
Vinyl Chloride (VC)	<0.30		ug/L	2.000	2		524.2	Total/NA
Xylenes, Total	<0.50		ug/L	10000	10000		524.2	Total/NA
Alachlor	<0.049		ug/L		2		525.2	Total/NA
Atrazine	<0.049		ug/L		3		525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L		0.2		525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.59		ug/L		6		525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.59		ug/L		400		525.2	Total/NA
Endrin	<0.0098		ug/L		2		525.2	Total/NA
gamma-BHC (Lindane)	<0.0098		ug/L		0.2		525.2	Total/NA
Heptachlor	<0.0098		ug/L		0.4		525.2	Total/NA
Heptachlor epoxide (isomer B)	0.017		ug/L		0.2		525.2	Total/NA
Hexachlorobenzene	<0.049		ug/L		1		525.2	Total/NA
Hexachlorocyclopentadiene	<0.049		ug/L		50		525.2	Total/NA
Methoxychlor	<0.049		ug/L		40		525.2	Total/NA
Simazine	<0.049		ug/L		4		525.2	Total/NA
1,2,3-Trichloropropane	<0.020		ug/L	0.6000			504.1	Total/NA
1,2-Dibromo-3-Chloropropane	<0.010		ug/L		0.2		504.1	Total/NA
1,2-Dibromoethane	<0.010		ug/L		0.05		504.1	Total/NA
Toxaphene	<0.49		ug/L		3		505	Total/NA
Chlordane (n.o.s.)	0.16		ug/L		2		505	Total/NA
Polychlorinated biphenyls, Total	<0.098		ug/L		0.5		505	Total/NA
Chloride	120		mg/L			250	300.0	Total/NA

Euofins Pomona

Action Limit Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

(Continued)

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	HI Org Limit	EPAMCL Limit	EPAMCL	Method	Prep Type
						S Limit		
Nitrate as N	1.5		mg/L		10		300.0	Total/NA
Nitrite as N	<0.10		mg/L		1		300.0	Total/NA
Sulfate	23		mg/L			250	300.0	Total/NA
Antimony	<1.0		ug/L		6		200.8	Total/NA
Arsenic	<1.0		ug/L		10		200.8	Total/NA
Beryllium	<0.30		ug/L		4		200.8	Total/NA
Cadmium	<0.50		ug/L		5		200.8	Total/NA
Chromium	2.2		ug/L		100		200.8	Total/NA
Copper	13		ug/L		1300	1000	200.8	Total/NA
Lead	<0.50		ug/L		10.00		200.8	Total/NA
Selenium	2.8		ug/L		50		200.8	Total/NA
Silver	<0.50		ug/L			100	200.8	Total/NA
Thallium	<0.30		ug/L		2		200.8	Total/NA
Zinc	18		ug/L			5000	200.8	Total/NA
Total Dissolved Solids	350		mg/L			500	SM 2540C	Total/NA
Fluoride	0.053		mg/L		4	2	SM 4500 F C	Total/NA
pH	7.7	HF	SU			6.5	SM 4500 H+ B	Total/NA

Surrogate Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		DCA (70-130)	DCA (70-130)	BFB (70-130)	BFB (70-130)	TOL (70-130)	TOL (70-130)
380-207350-1	AIEA WELLS P2 (260) (331-004)	104	104	99	99	100	100

Surrogate Legend
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		DCA (70-130)	BFB (70-130)	TOL (70-130)
LCS 380-219989/3	Lab Control Sample	103	100	102
LCSD 380-219989/4	Lab Control Sample Dup	99	102	102
MB 380-219989/5	Method Blank	102	100	103
MRL 380-219923/13	Lab Control Sample	102	98	99
MRL 380-219923/14	Lab Control Sample	99	99	97

Surrogate Legend
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2NMX (70-130)	PRY (70-130)	TPP (70-130)
380-207350-1	AIEA WELLS P2 (260) (331-004)	96	90	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		2NMX (70-130)	PRY (70-130)	TPP (70-130)
380-207341-R-1-B MS	Matrix Spike	103	97	119
380-207665-T-1-A DU	Duplicate	97	92	107
LCS 380-219747/23-A	Lab Control Sample	97	98	120
MB 380-219747/21-A	Method Blank	96	89	115
MRL 380-219747/22-A	Lab Control Sample	96	90	123

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

Surrogate Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-207350-1	AIEA WELLS P2 (260) (331-004	118

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)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
570-275047-D-4 MS	Matrix Spike	107
570-275047-E-4 MSD	Matrix Spike Duplicate	107
LCS 570-726079/3	Lab Control Sample	103
LCS 570-726079/4	Lab Control Sample Dup	103
MB 570-726079/6	Method Blank	103
MRL 570-726079/5	Lab Control Sample	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DBPP2 (60-140)
380-207350-1	AIEA WELLS P2 (260) (331-004	104

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DBPP2 (60-140)
380-207564-AX-1-A DU	Duplicate	109
380-207765-BJ-1-A MS	Matrix Spike	98
LCS 380-219939/29-A	Lab Control Sample	98
MBL 380-219939/4-A	Method Blank	100
MRL 380-219939/2-A	Lab Control Sample	98
MRL 380-219939/3-A	Lab Control Sample	107

Surrogate Legend

DBPP = 1,2-Dibromopropane (Surr)

Surrogate Summary

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (70-130)
380-207350-1	AIEA WELLS P2 (260) (331-004)	90

Surrogate Legend

TCX = Tetrachloro-m-xylene

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TCX1 (70-130)
380-207538-BL-1-A MS	Matrix Spike	94
380-207538-BM-1-A MS	Matrix Spike	101
380-207540-AE-1-A MS	Matrix Spike	95
380-207540-AF-1-A MS	Matrix Spike	98
LCS 380-219102/28-A	Lab Control Sample	92
LCS 380-219102/30-A	Lab Control Sample	97
LCS 380-219102/31-A	Lab Control Sample	97
LCSD 380-219102/29-A	Lab Control Sample Dup	102
MB 380-219102/3-A	Method Blank	86
MRL 380-219102/1-A	Lab Control Sample	97
MRL 380-219102/2-A	Lab Control Sample	103

Surrogate Legend

TCX = Tetrachloro-m-xylene

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)
380-207350-1	AIEA WELLS P2 (260) (331-004)	92

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)
380-206949-B-1-A MS	Matrix Spike	101
380-206949-B-1-B MSD	Matrix Spike Duplicate	106
LCS 570-722504/2-A	Lab Control Sample	104
LCSD 570-722504/3-A	Lab Control Sample Dup	98
MB 570-722504/1-A	Method Blank	92
MRL 570-722504/4-A	Lab Control Sample	96

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HF2PP1 (52-149)
380-207350-1	AIEA WELLS P2 (260) (331-004)	98 p

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	HF2PP1 (52-149)
380-207013-AB-1 MS	Matrix Spike	97 p
380-207013-AB-1 MSD	Matrix Spike Duplicate	97 p
LCS 570-723893/4	Lab Control Sample	99
LCSD 570-723893/5	Lab Control Sample Dup	101 p
MB 570-723893/3	Method Blank	98 p
MRL 570-723893/6	Lab Control Sample	97

Surrogate Legend

HF2PP = Hexafluoro-2-propanol (Surr)

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MRL 380-219923/13
Matrix: Water
Analysis Batch: 219923

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
m,p-Xylenes	0.500	0.574		ug/L		115	50 - 150
Vinyl Chloride (VC)	0.250	0.273	J	ug/L		109	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	MRL Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
4-Bromofluorobenzene (Surr)	98		70 - 130
Toluene-d8 (Surr)	99		70 - 130

Lab Sample ID: MRL 380-219923/14
Matrix: Water
Analysis Batch: 219923

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	0.500	0.482	J	ug/L		96	50 - 150
1,1,1-Trichloroethane	0.500	0.501		ug/L		100	50 - 150
1,1,2,2-Tetrachloroethane	0.500	0.554		ug/L		111	50 - 150
1,1,2-Trichloroethane	0.500	0.501		ug/L		100	50 - 150
1,1-Dichlorethylene	0.500	0.526		ug/L		105	50 - 150
1,1-Dichloroethane	0.500	0.521		ug/L		104	50 - 150
1,1-Dichloropropene	0.500	0.502		ug/L		100	50 - 150
1,2,3-Trichlorobenzene	0.500	0.578		ug/L		116	50 - 150
1,2,3-Trichloropropane	0.500	0.534		ug/L		107	50 - 150
1,2,4-Trichlorobenzene	0.500	0.534		ug/L		107	50 - 150
1,2,4-Trimethylbenzene	0.500	0.496	J	ug/L		99	50 - 150
1,2-Dichloroethane	0.500	0.516		ug/L		103	50 - 150
1,2-Dichloropropane	0.500	0.558		ug/L		112	50 - 150
1,3,5-Trimethylbenzene	0.500	0.511		ug/L		102	50 - 150
1,3-Dichloropropane	0.500	0.488	J	ug/L		98	50 - 150
1,3-Dichloropropane, Total	1.00	0.912		ug/L		91	50 - 150
2,2-Dichloropropane	0.500	0.427	J	ug/L		85	50 - 150
2-Butanone (MEK)	5.00	4.29	J	ug/L		86	50 - 150
4-Methyl-2-pentanone (MIBK)	5.00	5.49		ug/L		110	50 - 150
Acetone	5.00	<4.0		ug/L		50	50 - 150
Benzene	0.500	0.517		ug/L		103	50 - 150
Bromobenzene	0.500	0.548		ug/L		110	50 - 150
Bromochloromethane	0.500	0.539		ug/L		108	50 - 150
Bromodichloromethane	0.500	0.500		ug/L		100	50 - 150
Bromoethane	0.500	0.471	J	ug/L		94	50 - 150
Bromoform	0.500	0.474	J	ug/L		95	50 - 150
Bromomethane (Methyl Bromide)	0.500	0.529		ug/L		106	50 - 150
Carbon disulfide	0.500	0.610		ug/L		122	50 - 150
Carbon tetrachloride	0.500	0.498	J	ug/L		100	50 - 150
Chlorobenzene	0.500	0.501		ug/L		100	50 - 150
Chlorodibromomethane	0.500	0.495	J	ug/L		99	50 - 150
cis-1,3-Dichloropropene	0.500	0.467	J	ug/L		93	50 - 150
Dichloromethane	0.500	0.547		ug/L		109	50 - 150
Diisopropyl ether	0.500	0.558	J	ug/L		112	50 - 150
Ethylbenzene	0.500	0.496	J	ug/L		99	50 - 150

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MRL 380-219923/14
Matrix: Water
Analysis Batch: 219923

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	0.500	0.550		ug/L		110	50 - 150
Isopropylbenzene	0.500	0.542		ug/L		108	50 - 150
m,p-Xylenes	1.00	0.954		ug/L		95	50 - 150
m-Dichlorobenzene (1,3-DCB)	0.500	0.571		ug/L		114	50 - 150
Methyl-tert-butyl Ether (MTBE)	0.500	0.465	J	ug/L		93	50 - 150
Naphthalene	0.500	0.621		ug/L		124	50 - 150
n-Butylbenzene	0.500	0.577		ug/L		115	50 - 150
N-Propylbenzene	0.500	0.517		ug/L		103	50 - 150
o-Chlorotoluene	0.500	0.553		ug/L		111	50 - 150
o-Dichlorobenzene (1,2-DCB)	0.500	0.560		ug/L		112	50 - 150
o-Xylene	0.500	0.505		ug/L		101	50 - 150
p-Chlorotoluene	0.500	0.549		ug/L		110	50 - 150
p-Dichlorobenzene (1,4-DCB)	0.500	0.610		ug/L		122	50 - 150
p-Isopropyltoluene	0.500	0.550		ug/L		110	50 - 150
sec-Butylbenzene	0.500	0.538		ug/L		108	50 - 150
Styrene	0.500	0.465	J	ug/L		93	50 - 150
Tert-amyl methyl ether	0.500	0.404	J	ug/L		81	50 - 150
Tert-butyl ethyl ether	0.500	0.426	J	ug/L		85	50 - 150
tert-Butylbenzene	0.500	0.544		ug/L		109	50 - 150
Tetrachloroethene (PCE)	0.500	0.492	J	ug/L		98	50 - 150
Toluene	0.500	0.511		ug/L		102	50 - 150
trans-1,2-Dichloroethylene	0.500	0.494	J	ug/L		99	50 - 150
trans-1,3-Dichloropropene	0.500	0.445	J	ug/L		89	50 - 150
Trichloroethylene (TCE)	0.500	0.498	J	ug/L		100	50 - 150
Trichlorofluoromethane (Freon 11)	0.500	0.427	J	ug/L		85	50 - 150
Trichlorotrifluoroethane	0.500	0.474	J	ug/L		95	50 - 150
Vinyl Chloride (VC)	0.500	0.504		ug/L		101	50 - 150
Xylenes, Total	1.50	1.46		ug/L		97	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	99		70 - 130
Toluene-d8 (Surr)	97		70 - 130

Lab Sample ID: MB 380-219989/5
Matrix: Water
Analysis Batch: 219989

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,1,1-Trichloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,1,2,2-Tetrachloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,1,2-Trichloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Tertiary Butyl Alcohol (TBA)	<2.0		2.0	ug/L			04/15/26 04:21	1
1,1-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 04:21	1
1,1-Dichloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,1-Dichloropropene	<0.50		0.50	ug/L			04/15/26 04:21	1
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L			04/15/26 04:21	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-219989/5
Matrix: Water
Analysis Batch: 219989

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,2,4-Trichlorobenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
1,2,4-Trimethylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
1,2-Dichloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,2-Dichloropropane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,3,5-Trimethylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
1,3-Dichloropropane	<0.50		0.50	ug/L			04/15/26 04:21	1
1,3-Dichloropropene, Total	<0.50		0.50	ug/L			04/15/26 04:21	1
2,2-Dichloropropane	<0.50		0.50	ug/L			04/15/26 04:21	1
2-Butanone (MEK)	<5.0		5.0	ug/L			04/15/26 04:21	1
4-Methyl-2-pentanone (MIBK)	<5.0		5.0	ug/L			04/15/26 04:21	1
Acetone	<500		500	ug/L			04/15/26 04:21	1
Benzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromobenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromochloromethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromodichloromethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromoethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromoform	<0.50		0.50	ug/L			04/15/26 04:21	1
Bromomethane (Methyl Bromide)	<0.50		0.50	ug/L			04/15/26 04:21	1
Carbon disulfide	<0.50		0.50	ug/L			04/15/26 04:21	1
Carbon tetrachloride	<0.50		0.50	ug/L			04/15/26 04:21	1
Chlorobenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Chlorodibromomethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Chloroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Chloroform (Trichloromethane)	<0.50		0.50	ug/L			04/15/26 04:21	1
Chloromethane (methyl chloride)	<0.50		0.50	ug/L			04/15/26 04:21	1
cis-1,2-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 04:21	1
cis-1,3-Dichloropropene	<0.50		0.50	ug/L			04/15/26 04:21	1
Dibromomethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Dichlorodifluoromethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Dichloromethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Diisopropyl ether	<3.0		3.0	ug/L			04/15/26 04:21	1
Ethylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Hexachlorobutadiene	<0.50		0.50	ug/L			04/15/26 04:21	1
Isopropylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
m,p-Xylenes	<0.50		0.50	ug/L			04/15/26 04:21	1
m-Dichlorobenzene (1,3-DCB)	<0.50		0.50	ug/L			04/15/26 04:21	1
Methyl-tert-butyl Ether (MTBE)	<0.50		0.50	ug/L			04/15/26 04:21	1
Naphthalene	<0.50		0.50	ug/L			04/15/26 04:21	1
n-Butylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
N-Propylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
o-Chlorotoluene	<0.50		0.50	ug/L			04/15/26 04:21	1
o-Dichlorobenzene (1,2-DCB)	<0.50		0.50	ug/L			04/15/26 04:21	1
o-Xylene	<0.50		0.50	ug/L			04/15/26 04:21	1
p-Chlorotoluene	<0.50		0.50	ug/L			04/15/26 04:21	1
p-Dichlorobenzene (1,4-DCB)	<0.50		0.50	ug/L			04/15/26 04:21	1
p-Isopropyltoluene	<0.50		0.50	ug/L			04/15/26 04:21	1
sec-Butylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Styrene	<0.50		0.50	ug/L			04/15/26 04:21	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 380-219989/5
Matrix: Water
Analysis Batch: 219989

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Tert-amyl methyl ether	<3.0		3.0	ug/L			04/15/26 04:21	1
Tert-butyl ethyl ether	<3.0		3.0	ug/L			04/15/26 04:21	1
tert-Butylbenzene	<0.50		0.50	ug/L			04/15/26 04:21	1
Tetrachloroethene (PCE)	<0.50		0.50	ug/L			04/15/26 04:21	1
Toluene	<0.50		0.50	ug/L			04/15/26 04:21	1
trans-1,2-Dichloroethylene	<0.50		0.50	ug/L			04/15/26 04:21	1
trans-1,3-Dichloropropene	<0.50		0.50	ug/L			04/15/26 04:21	1
Trichloroethylene (TCE)	<0.50		0.50	ug/L			04/15/26 04:21	1
Trichlorofluoromethane (Freon 11)	<0.50		0.50	ug/L			04/15/26 04:21	1
Trichlorotrifluoroethane	<0.50		0.50	ug/L			04/15/26 04:21	1
Vinyl Chloride (VC)	<0.30		0.30	ug/L			04/15/26 04:21	1
Xylenes, Total	<0.50		0.50	ug/L			04/15/26 04:21	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		04/15/26 04:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		70 - 130		04/15/26 04:21	1
4-Bromofluorobenzene (Surr)	100		70 - 130		04/15/26 04:21	1
Toluene-d8 (Surr)	103		70 - 130		04/15/26 04:21	1

Lab Sample ID: LCS 380-219989/3
Matrix: Water
Analysis Batch: 219989

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	5.00	5.59		ug/L		112	70 - 130
1,1,1-Trichloroethane	5.00	5.46		ug/L		109	70 - 130
1,1,2,2-Tetrachloroethane	5.00	5.23		ug/L		105	70 - 130
1,1,2-Trichloroethane	5.00	5.46		ug/L		109	70 - 130
1,1-Dichloroethylene	5.00	5.41		ug/L		108	70 - 130
1,1-Dichloroethane	5.00	5.54		ug/L		111	70 - 130
1,1-Dichloropropene	5.00	5.36		ug/L		107	70 - 130
1,2,3-Trichlorobenzene	5.00	4.93		ug/L		99	70 - 130
1,2,3-Trichloropropane	5.00	5.36		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	5.00	4.98		ug/L		100	70 - 130
1,2,4-Trimethylbenzene	5.00	5.34		ug/L		107	70 - 130
1,2-Dichloroethane	5.00	5.43		ug/L		109	70 - 130
1,2-Dichloropropane	5.00	5.60		ug/L		112	70 - 130
1,3,5-Trimethylbenzene	5.00	5.41		ug/L		108	70 - 130
1,3-Dichloropropane	5.00	5.56		ug/L		111	70 - 130
1,3-Dichloropropene, Total	10.0	10.7		ug/L		107	70 - 130
2,2-Dichloropropane	5.00	4.31		ug/L		86	70 - 130
2-Butanone (MEK)	50.0	53.3		ug/L		107	70 - 130
4-Methyl-2-pentanone (MIBK)	50.0	55.0		ug/L		110	70 - 130
Acetone	50.0	60.1	J	ug/L		120	70 - 130
Benzene	5.00	5.39		ug/L		108	70 - 130
Bromobenzene	5.00	5.62		ug/L		112	70 - 130

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 380-219989/3
Matrix: Water
Analysis Batch: 219989

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromochloromethane	5.00	5.46		ug/L		109	70 - 130
Bromodichloromethane	5.00	5.50		ug/L		110	70 - 130
Bromoethane	5.00	5.93		ug/L		119	70 - 130
Bromoform	5.00	5.15		ug/L		103	70 - 130
Bromomethane (Methyl Bromide)	5.00	5.41		ug/L		108	70 - 130
Carbon disulfide	5.00	5.48		ug/L		110	70 - 130
Carbon tetrachloride	5.00	5.34		ug/L		107	70 - 130
Chlorobenzene	5.00	5.63		ug/L		113	70 - 130
Chlorodibromomethane	5.00	5.57		ug/L		111	70 - 130
cis-1,3-Dichloropropene	5.00	5.40		ug/L		108	70 - 130
Dichloromethane	5.00	5.62		ug/L		112	70 - 130
Diisopropyl ether	5.00	5.66		ug/L		113	70 - 130
Ethylbenzene	5.00	5.57		ug/L		111	70 - 130
Hexachlorobutadiene	5.00	5.12		ug/L		102	70 - 130
Isopropylbenzene	5.00	5.41		ug/L		108	70 - 130
m,p-Xylenes	10.0	11.2		ug/L		112	70 - 130
m-Dichlorobenzene (1,3-DCB)	5.00	5.42		ug/L		108	70 - 130
Methyl-tert-butyl Ether (MTBE)	5.00	5.88		ug/L		118	70 - 130
Naphthalene	5.00	5.06		ug/L		101	70 - 130
n-Butylbenzene	5.00	5.00		ug/L		100	70 - 130
N-Propylbenzene	5.00	5.28		ug/L		106	70 - 130
o-Chlorotoluene	5.00	5.39		ug/L		108	70 - 130
o-Dichlorobenzene (1,2-DCB)	5.00	5.18		ug/L		104	70 - 130
o-Xylene	5.00	5.65		ug/L		113	70 - 130
p-Chlorotoluene	5.00	5.28		ug/L		106	70 - 130
p-Dichlorobenzene (1,4-DCB)	5.00	5.43		ug/L		109	70 - 130
p-Isopropyltoluene	5.00	5.27		ug/L		105	70 - 130
sec-Butylbenzene	5.00	5.39		ug/L		108	70 - 130
Styrene	5.00	5.71		ug/L		114	70 - 130
Tert-amyl methyl ether	5.00	5.59		ug/L		112	70 - 130
Tert-butyl ethyl ether	5.00	5.76		ug/L		115	70 - 130
tert-Butylbenzene	5.00	5.44		ug/L		109	70 - 130
Tetrachloroethene (PCE)	5.00	5.67		ug/L		113	70 - 130
Toluene	5.00	5.61		ug/L		112	70 - 130
trans-1,2-Dichloroethylene	5.00	5.41		ug/L		108	70 - 130
trans-1,3-Dichloropropene	5.00	5.29		ug/L		106	70 - 130
Trichloroethylene (TCE)	5.00	5.52		ug/L		110	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	5.62		ug/L		112	70 - 130
Trichlorotrifluoroethane	5.00	5.74		ug/L		115	70 - 130
Vinyl Chloride (VC)	5.00	5.68		ug/L		114	70 - 130
Xylenes, Total	15.0	16.8		ug/L		112	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene (Surr)	100		70 - 130
Toluene-d8 (Surr)	102		70 - 130

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 380-219989/4
Matrix: Water
Analysis Batch: 219989

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
1,1,1,2-Tetrachloroethane	5.00	5.61		ug/L		112	70 - 130	0	20
1,1,1-Trichloroethane	5.00	5.35		ug/L		107	70 - 130	2	20
1,1,2,2-Tetrachloroethane	5.00	5.45		ug/L		109	70 - 130	4	20
1,1,2-Trichloroethane	5.00	5.62		ug/L		112	70 - 130	3	20
1,1-Dichloroethylene	5.00	5.53		ug/L		111	70 - 130	2	20
1,1-Dichloroethane	5.00	5.60		ug/L		112	70 - 130	1	20
1,1-Dichloropropene	5.00	5.40		ug/L		108	70 - 130	1	20
1,2,3-Trichlorobenzene	5.00	5.18		ug/L		104	70 - 130	5	20
1,2,3-Trichloropropane	5.00	5.66		ug/L		113	70 - 130	6	20
1,2,4-Trichlorobenzene	5.00	5.31		ug/L		106	70 - 130	6	20
1,2,4-Trimethylbenzene	5.00	5.55		ug/L		111	70 - 130	4	20
1,2-Dichloroethane	5.00	5.59		ug/L		112	70 - 130	3	20
1,2-Dichloropropane	5.00	5.67		ug/L		113	70 - 130	1	20
1,3,5-Trimethylbenzene	5.00	5.62		ug/L		112	70 - 130	4	20
1,3-Dichloropropane	5.00	5.58		ug/L		112	70 - 130	0	20
1,3-Dichloropropene, Total	10.0	10.8		ug/L		108	70 - 130	1	20
2,2-Dichloropropane	5.00	4.39		ug/L		88	70 - 130	2	20
2-Butanone (MEK)	50.0	52.8		ug/L		106	70 - 130	1	20
4-Methyl-2-pentanone (MIBK)	50.0	54.0		ug/L		108	70 - 130	2	20
Acetone	50.0	58.9	J	ug/L		118	70 - 130	2	20
Benzene	5.00	5.40		ug/L		108	70 - 130	0	20
Bromobenzene	5.00	5.75		ug/L		115	70 - 130	2	20
Bromochloromethane	5.00	5.35		ug/L		107	70 - 130	2	20
Bromodichloromethane	5.00	5.48		ug/L		110	70 - 130	0	20
Bromoethane	5.00	5.65		ug/L		113	70 - 130	5	20
Bromoform	5.00	5.49		ug/L		110	70 - 130	6	20
Bromomethane (Methyl Bromide)	5.00	5.32		ug/L		106	70 - 130	2	20
Carbon disulfide	5.00	5.58		ug/L		112	70 - 130	2	20
Carbon tetrachloride	5.00	5.39		ug/L		108	70 - 130	1	20
Chlorobenzene	5.00	5.77		ug/L		115	70 - 130	2	20
Chlorodibromomethane	5.00	5.59		ug/L		112	70 - 130	0	20
cis-1,3-Dichloropropene	5.00	5.43		ug/L		109	70 - 130	1	20
Dichloromethane	5.00	5.48		ug/L		110	70 - 130	2	20
Diisopropyl ether	5.00	5.78		ug/L		116	70 - 130	2	20
Ethylbenzene	5.00	5.61		ug/L		112	70 - 130	1	20
Hexachlorobutadiene	5.00	5.43		ug/L		109	70 - 130	6	20
Isopropylbenzene	5.00	5.62		ug/L		112	70 - 130	4	20
m,p-Xylenes	10.0	11.2		ug/L		112	70 - 130	0	20
m-Dichlorobenzene (1,3-DCB)	5.00	5.62		ug/L		112	70 - 130	4	20
Methyl-tert-butyl Ether (MTBE)	5.00	5.84		ug/L		117	70 - 130	1	20
Naphthalene	5.00	5.25		ug/L		105	70 - 130	4	20
n-Butylbenzene	5.00	5.38		ug/L		108	70 - 130	7	20
N-Propylbenzene	5.00	5.50		ug/L		110	70 - 130	4	20
o-Chlorotoluene	5.00	5.55		ug/L		111	70 - 130	3	20
o-Dichlorobenzene (1,2-DCB)	5.00	5.50		ug/L		110	70 - 130	6	20
o-Xylene	5.00	5.57		ug/L		111	70 - 130	1	20
p-Chlorotoluene	5.00	5.40		ug/L		108	70 - 130	2	20
p-Dichlorobenzene (1,4-DCB)	5.00	5.63		ug/L		113	70 - 130	4	20

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 380-219989/4
Matrix: Water
Analysis Batch: 219989

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
p-Isopropyltoluene	5.00	5.64		ug/L		113	70 - 130	7	20
sec-Butylbenzene	5.00	5.50		ug/L		110	70 - 130	2	20
Styrene	5.00	5.67		ug/L		113	70 - 130	1	20
Tert-amyl methyl ether	5.00	5.54		ug/L		111	70 - 130	1	20
Tert-butyl ethyl ether	5.00	5.78		ug/L		116	70 - 130	0	20
tert-Butylbenzene	5.00	5.63		ug/L		113	70 - 130	3	20
Tetrachloroethene (PCE)	5.00	5.72		ug/L		114	70 - 130	1	20
Toluene	5.00	5.66		ug/L		113	70 - 130	1	20
trans-1,2-Dichloroethylene	5.00	5.27		ug/L		105	70 - 130	3	20
trans-1,3-Dichloropropene	5.00	5.36		ug/L		107	70 - 130	1	20
Trichloroethylene (TCE)	5.00	5.58		ug/L		112	70 - 130	1	20
Trichlorofluoromethane (Freon 11)	5.00	5.60		ug/L		112	70 - 130	0	20
Trichlorotrifluoroethane	5.00	5.73		ug/L		115	70 - 130	0	20
Vinyl Chloride (VC)	5.00	5.70		ug/L		114	70 - 130	0	20
Xylenes, Total	15.0	16.7		ug/L		112	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene (Surr)	102		70 - 130
Toluene-d8 (Surr)	102		70 - 130

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

Lab Sample ID: MB 380-219747/21-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219747

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
2,4'-DDD	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
2,4'-DDE	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
2,4'-DDT	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
2,4-Dinitrotoluene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
2,6-Dinitrotoluene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
4,4'-DDD	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
4,4'-DDE	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
4,4'-DDT	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Acenaphthene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Acenaphthylene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Acetochlor	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Alachlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
alpha-BHC	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
alpha-Chlordane	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Anthracene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 12:53	1
Atrazine	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Benz(a)anthracene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Benzo[a]pyrene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 12:53	1
Benzo[b]fluoranthene	<0.020	^+	0.020	ug/L		04/14/26 08:24	04/15/26 12:53	1
Benzo[g,h,i]perylene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: MB 380-219747/21-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219747

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 12:53	1
beta-BHC	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59	ug/L		04/14/26 08:24	04/15/26 12:53	1
Aldrin	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Bromacil	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Butachlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Butylbenzylphthalate	<0.50		0.50	ug/L		04/14/26 08:24	04/15/26 12:53	1
Chlorobenzilate	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Chloroneb	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Chlorpyrifos	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Chrysene	<0.020		0.020	ug/L		04/14/26 08:24	04/15/26 12:53	1
delta-BHC	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Di(2-ethylhexyl)adipate	<0.59		0.59	ug/L		04/14/26 08:24	04/15/26 12:53	1
Dibenz(a,h)anthracene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Diclorvos (DDVP)	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Dieldrin	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Diethylphthalate	<0.50		0.50	ug/L		04/14/26 08:24	04/15/26 12:53	1
Dimethylphthalate	<0.50		0.50	ug/L		04/14/26 08:24	04/15/26 12:53	1
Di-n-butyl phthalate	<0.99		0.99	ug/L		04/14/26 08:24	04/15/26 12:53	1
Di-n-octyl phthalate	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Endosulfan I (Alpha)	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Endosulfan II (Beta)	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Endosulfan sulfate	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Endrin	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Endrin aldehyde	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
EPTC	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Fluoranthene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Fluorene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
gamma-BHC (Lindane)	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
gamma-Chlordane	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Heptachlor	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Hexachlorobenzene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Hexachlorocyclopentadiene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Isophorone	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Malathion	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Methoxychlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Metolachlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Molinate	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Naphthalene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Parathion	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Pendimethalin (Penoxaline)	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Phenanthrene	<0.040		0.040	ug/L		04/14/26 08:24	04/15/26 12:53	1
Propachlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Pyrene	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Simazine	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Terbacil	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: MB 380-219747/21-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219747

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Terbutylazine	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Thiobencarb	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		04/14/26 08:24	04/15/26 12:53	1
trans-Nonachlor	<0.050		0.050	ug/L		04/14/26 08:24	04/15/26 12:53	1
Trifluralin	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
1-Methylnaphthalene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1
2-Methylnaphthalene	<0.099		0.099	ug/L		04/14/26 08:24	04/15/26 12:53	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	0.802	T J	ug/L		3.02	N/A	04/14/26 08:24	04/15/26 12:53	1
Undecane	5.66	T J N	ug/L		3.17	1120-21-4	04/14/26 08:24	04/15/26 12:53	1
Cyclopentasiloxane, decamethyl-	0.609	T J N	ug/L		3.30	541-02-6	04/14/26 08:24	04/15/26 12:53	1
Cyclohexasiloxane, dodecamethyl-	0.619	T J N	ug/L		3.92	540-97-6	04/14/26 08:24	04/15/26 12:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	96		70 - 130	04/14/26 08:24	04/15/26 12:53	1
Perylene-d12	89		70 - 130	04/14/26 08:24	04/15/26 12:53	1
Triphenylphosphate	115		70 - 130	04/14/26 08:24	04/15/26 12:53	1

Lab Sample ID: LCS 380-219747/23-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4'-DDD	1.99	1.94		ug/L		98	70 - 130
2,4'-DDE	1.99	1.71		ug/L		86	70 - 130
2,4'-DDT	1.99	2.31		ug/L		117	70 - 130
2,4-Dinitrotoluene	1.99	2.09		ug/L		105	70 - 130
2,6-Dinitrotoluene	1.99	2.01		ug/L		101	70 - 130
4,4'-DDD	1.99	2.34		ug/L		118	70 - 130
4,4'-DDE	1.99	1.88		ug/L		95	70 - 130
4,4'-DDT	1.99	2.50		ug/L		126	70 - 130
Acenaphthene	1.99	2.02		ug/L		102	70 - 130
Acenaphthylene	1.99	1.95		ug/L		98	70 - 130
Acetochlor	1.99	2.23		ug/L		112	70 - 130
Alachlor	1.99	2.01		ug/L		101	70 - 130
alpha-BHC	1.99	1.89		ug/L		95	70 - 130
alpha-Chlordane	1.99	1.93		ug/L		97	70 - 130
Anthracene	1.99	1.98		ug/L		100	70 - 130
Atrazine	1.99	2.10		ug/L		106	70 - 130
Benz(a)anthracene	1.99	2.38		ug/L		120	70 - 130
Benzo[a]pyrene	1.99	1.98		ug/L		100	70 - 130
Benzo[b]fluoranthene	1.99	2.16	^+	ug/L		109	70 - 130
Benzo[g,h,i]perylene	1.99	2.03		ug/L		102	70 - 130
Benzo[k]fluoranthene	1.99	1.93		ug/L		97	70 - 130
beta-BHC	1.99	1.92		ug/L		97	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	1.95		ug/L		98	70 - 130
Aldrin	1.99	1.76		ug/L		89	70 - 130

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: LCS 380-219747/23-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromacil	1.99	1.98		ug/L		100	70 - 130
Butachlor	1.99	1.78		ug/L		90	70 - 130
Butylbenzylphthalate	1.99	2.37		ug/L		119	70 - 130
Chlorobenzilate	1.99	2.14		ug/L		108	70 - 130
Chloroneb	1.99	2.07		ug/L		104	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.19		ug/L		110	70 - 130
Chlorpyrifos	1.99	2.11		ug/L		106	70 - 130
Chrysene	1.99	2.08		ug/L		105	70 - 130
delta-BHC	1.99	1.96		ug/L		99	70 - 130
Di(2-ethylhexyl)adipate	1.99	2.35		ug/L		118	70 - 130
Dibenz(a,h)anthracene	1.99	2.05		ug/L		103	70 - 130
Diclorvos (DDVP)	1.99	2.10		ug/L		106	70 - 130
Dieldrin	1.99	1.85		ug/L		93	70 - 130
Diethylphthalate	1.99	1.97		ug/L		99	70 - 130
Dimethylphthalate	1.99	2.10		ug/L		106	70 - 130
Di-n-butyl phthalate	3.97	4.56		ug/L		115	70 - 130
Di-n-octyl phthalate	1.99	1.93		ug/L		97	70 - 130
Endosulfan I (Alpha)	1.99	1.68		ug/L		85	70 - 130
Endosulfan II (Beta)	1.99	2.41		ug/L		121	70 - 130
Endosulfan sulfate	1.99	2.45		ug/L		123	70 - 130
Endrin	1.99	2.36		ug/L		119	70 - 130
Endrin aldehyde	1.99	2.44		ug/L		123	60 - 130
EPTC	1.99	2.12		ug/L		107	70 - 130
Fluoranthene	1.99	1.87		ug/L		94	70 - 130
Fluorene	1.99	1.92		ug/L		96	70 - 130
gamma-BHC (Lindane)	1.99	1.93		ug/L		97	70 - 130
gamma-Chlordane	1.99	1.94		ug/L		98	70 - 130
Heptachlor	1.99	2.25		ug/L		113	70 - 130
Heptachlor epoxide (isomer B)	1.99	2.16		ug/L		109	70 - 130
Hexachlorobenzene	1.99	1.79		ug/L		90	70 - 130
Hexachlorocyclopentadiene	1.99	1.94		ug/L		98	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	2.02		ug/L		102	70 - 130
Isophorone	1.99	2.07		ug/L		104	70 - 130
Malathion	1.99	2.13		ug/L		107	70 - 130
Methoxychlor	1.99	2.15		ug/L		108	70 - 130
Metolachlor	1.99	2.01		ug/L		101	70 - 130
Molinate	1.99	2.16		ug/L		109	70 - 130
Naphthalene	1.99	2.04		ug/L		103	70 - 130
Parathion	1.99	2.29		ug/L		116	70 - 130
Pendimethalin (Penoxaline)	1.99	2.11		ug/L		106	70 - 130
Phenanthrene	1.99	2.01		ug/L		101	70 - 130
Propachlor	1.99	2.04		ug/L		103	70 - 130
Pyrene	1.99	1.87		ug/L		94	70 - 130
Simazine	1.99	2.03		ug/L		102	70 - 130
Terbacil	1.99	2.33		ug/L		118	70 - 130
Terbutylazine	1.99	1.96		ug/L		99	70 - 130
Thiobencarb	1.99	2.13		ug/L		108	70 - 130
trans-Nonachlor	1.99	1.86		ug/L		94	70 - 130
Trifluralin	1.99	1.78		ug/L		90	70 - 130

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: LCS 380-219747/23-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	1.99	1.98		ug/L		100	70 - 130
2-Methylnaphthalene	1.99	2.00		ug/L		101	70 - 130
Surrogate							
	%Recovery	Qualifier	Limits				
2-Nitro-m-xylene	97		70 - 130				
Perylene-d12	98		70 - 130				
Triphenylphosphate	120		70 130				

Lab Sample ID: MRL 380-219747/22-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
2,4'-DDD	0.0990	0.0872	J	ug/L		88	50 - 150
2,4'-DDE	0.0990	0.103		ug/L		104	50 - 150
2,4'-DDT	0.0990	0.127		ug/L		128	50 - 150
2,4-Dinitrotoluene	0.0990	0.119		ug/L		120	50 - 150
2,6-Dinitrotoluene	0.0990	0.134		ug/L		136	50 - 150
4,4'-DDD	0.0990	0.115		ug/L		116	50 - 150
4,4'-DDE	0.0990	0.0949	J	ug/L		96	50 - 150
4,4'-DDT	0.0990	0.137		ug/L		138	50 - 150
Acenaphthene	0.0990	0.101		ug/L		102	50 - 150
Acenaphthylene	0.0990	0.0863	J	ug/L		87	50 - 150
Acetochlor	0.0990	0.117		ug/L		118	50 - 150
Alachlor	0.0495	0.0594		ug/L		120	50 - 150
alpha-BHC	0.0990	0.0930	J	ug/L		94	50 - 150
alpha-Chlordane	0.0247	<0.029		ug/L		100	50 - 150
Anthracene	0.0198	0.0238		ug/L		120	50 - 150
Atrazine	0.0495	0.0509		ug/L		103	50 - 150
Benz(a)anthracene	0.0495	0.0637		ug/L		129	50 - 150
Benzo[a]pyrene	0.0198	0.0221		ug/L		112	50 - 150
Benzo[b]fluoranthene	0.0198	0.0239	^+	ug/L		121	50 - 150
Benzo[g,h,i]perylene	0.0495	0.0492		ug/L		99	50 - 150
Benzo[k]fluoranthene	0.0198	0.0225		ug/L		113	50 - 150
beta-BHC	0.0990	0.108		ug/L		109	50 - 150
Bis(2-ethylhexyl) phthalate	0.594	0.572	J	ug/L		96	50 - 150
Aldrin	0.00990	0.0110		ug/L		111	50 - 150
Bromacil	0.0990	0.117		ug/L		118	50 - 150
Butachlor	0.0495	0.0641		ug/L		130	50 - 150
Butylbenzylphthalate	0.495	0.627		ug/L		127	50 - 150
Chlorobenzilate	0.0990	0.123		ug/L		125	50 - 150
Chloroneb	0.0990	0.108		ug/L		110	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0990	0.102		ug/L		103	50 - 150
Chlorpyrifos	0.0495	0.0459	J	ug/L		93	50 - 150
Chrysene	0.0198	0.0230		ug/L		116	50 - 150
delta-BHC	0.0990	0.110		ug/L		111	50 - 150
Di(2-ethylhexyl)adipate	0.594	0.730		ug/L		123	50 - 150
Dibenz(a,h)anthracene	0.0495	0.0523		ug/L		106	50 - 150

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: MRL 380-219747/22-A
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Diclorvos (DDVP)	0.0495	0.0502		ug/L		102	50 - 150
Dieldrin	0.00990	0.0139		ug/L		140	50 - 150
Diethylphthalate	0.495	0.537		ug/L		108	50 - 150
Dimethylphthalate	0.495	0.508		ug/L		103	50 - 150
Di-n-butyl phthalate	0.495	0.741	J	ug/L		150	49 - 243
Di-n-octyl phthalate	0.0990	0.0982	J	ug/L		99	50 - 150
Endosulfan I (Alpha)	0.0990	0.0952	J	ug/L		96	50 - 150
Endosulfan II (Beta)	0.0990	0.111		ug/L		112	50 - 150
Endosulfan sulfate	0.0990	0.118		ug/L		119	50 - 150
Endrin	0.00990	0.0125		ug/L		127	50 - 150
Endrin aldehyde	0.0990	0.119		ug/L		120	50 - 150
EPTC	0.0990	0.0967	J	ug/L		98	50 - 150
Fluoranthene	0.0990	0.106		ug/L		107	50 - 150
Fluorene	0.0495	0.0530		ug/L		107	50 - 150
gamma-BHC (Lindane)	0.00990	0.0115		ug/L		116	50 - 150
gamma-Chlordane	0.0247	0.0281	J	ug/L		114	50 - 150
Heptachlor	0.00990	0.0147		ug/L		149	50 - 150
Heptachlor epoxide (isomer B)	0.00990	0.0109		ug/L		110	50 - 150
Hexachlorobenzene	0.0495	0.0463	J	ug/L		93	50 - 150
Hexachlorocyclopentadiene	0.0495	0.0478	J	ug/L		97	50 - 150
Indeno[1,2,3-cd]pyrene	0.0495	0.0517		ug/L		105	50 - 150
Isophorone	0.0990	0.115		ug/L		116	50 - 150
Malathion	0.0990	0.115		ug/L		116	50 - 150
Methoxychlor	0.0495	0.0587		ug/L		119	50 - 150
Metolachlor	0.0495	0.0699		ug/L		141	50 - 150
Molinate	0.0990	0.0997		ug/L		101	50 - 150
Naphthalene	0.0990	0.120		ug/L		122	50 - 150
Parathion	0.0990	0.102		ug/L		103	50 - 150
Pendimethalin (Penoxaline)	0.0990	0.102		ug/L		104	50 - 150
Phenanthrene	0.0396	0.0446		ug/L		113	50 - 150
Propachlor	0.0495	0.0504		ug/L		102	50 - 150
Pyrene	0.0495	0.0459	J	ug/L		93	50 - 150
Simazine	0.0495	0.0491		ug/L		99	50 - 150
Terbacil	0.0990	0.111		ug/L		112	50 - 150
Terbutylazine	0.0990	0.0978	J	ug/L		99	50 - 150
Thiobencarb	0.0990	0.109		ug/L		111	50 - 150
trans-Nonachlor	0.0247	<0.026		ug/L		96	50 - 150
Trifluralin	0.0990	0.0919	J	ug/L		93	50 - 150
1-Methylnaphthalene	0.0990	0.110		ug/L		112	50 - 150
2-Methylnaphthalene	0.0990	0.103		ug/L		104	50 - 150

Surrogate	MRL %Recovery	MRL Qualifier	Limits
2-Nitro-m-xylene	96		70 - 130
Perylene-d12	90		70 - 130
Triphenylphosphate	123		70 - 130

QC Sample Results

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207341-R-1-B MS
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
2,4'-DDD	<0.098		1.96	2.38		ug/L		121	70 - 130
2,4'-DDE	<0.098		1.96	2.12		ug/L		108	70 - 130
2,4'-DDT	<0.098		1.96	2.19		ug/L		111	70 - 130
2,4-Dinitrotoluene	<0.098		1.96	2.24		ug/L		114	70 - 130
2,6-Dinitrotoluene	<0.098		1.96	2.19		ug/L		111	70 - 130
4,4'-DDD	<0.098		1.96	2.37		ug/L		121	70 - 130
4,4'-DDE	<0.098		1.96	2.29		ug/L		117	70 - 130
4,4'-DDT	<0.098		1.96	2.38		ug/L		121	70 - 130
Acenaphthene	<0.098		1.96	2.09		ug/L		107	70 - 130
Acenaphthylene	<0.098		1.96	2.10		ug/L		107	70 - 130
Acetochlor	<0.098		1.96	2.19		ug/L		112	70 - 130
Alachlor	<0.049		1.96	2.24		ug/L		114	70 - 130
alpha-BHC	<0.098		1.96	1.91		ug/L		97	70 - 130
alpha-Chlordane	<0.049		1.96	2.52		ug/L		127	70 - 130
Anthracene	<0.020		1.96	2.00		ug/L		102	70 - 130
Atrazine	<0.049		1.96	2.18		ug/L		111	70 - 130
Benz(a)anthracene	<0.049		1.96	2.38		ug/L		121	70 - 130
Benzo[a]pyrene	<0.020		1.96	1.99		ug/L		102	70 - 130
Benzo[b]fluoranthene	<0.020	^+	1.96	2.06	^+	ug/L		105	70 - 130
Benzo[g,h,i]perylene	<0.049		1.96	1.77		ug/L		90	70 - 130
Benzo[k]fluoranthene	<0.020		1.96	1.91		ug/L		97	70 - 130
beta-BHC	<0.098		1.96	2.05		ug/L		104	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.96	1.67		ug/L		85	70 - 130
Aldrin	<0.0098		1.96	1.81		ug/L		92	70 - 130
Bromacil	<0.098		1.96	2.06		ug/L		103	70 - 130
Butachlor	<0.049		1.96	2.28		ug/L		116	70 - 130
Butylbenzylphthalate	<0.49		1.96	2.35		ug/L		120	70 - 130
Chlorobenzilate	<0.098		1.96	2.41		ug/L		123	70 - 130
Chloroneb	<0.098		1.96	2.16		ug/L		110	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.96	2.29		ug/L		117	70 - 130
Chlorpyrifos	<0.049		1.96	2.07		ug/L		105	70 - 130
Chrysene	<0.020		1.96	2.06		ug/L		105	70 - 130
delta-BHC	<0.098		1.96	2.06		ug/L		105	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.96	2.09		ug/L		107	70 - 130
Dibenz(a,h)anthracene	<0.049		1.96	1.64		ug/L		84	70 - 130
Diclorvos (DDVP)	<0.049		1.96	2.24		ug/L		114	70 - 130
Dieldrin	0.072		1.96	2.49		ug/L		123	70 - 130
Diethylphthalate	<0.49		1.96	2.30		ug/L		117	70 - 130
Dimethylphthalate	<0.49		1.96	2.22		ug/L		113	70 - 130
Di-n-butyl phthalate	<0.98		3.92	4.51		ug/L		109	70 - 130
Di-n-octyl phthalate	<0.098		1.96	1.62		ug/L		82	70 - 130
Endosulfan I (Alpha)	<0.098		1.96	2.36		ug/L		120	70 - 130
Endosulfan II (Beta)	<0.098		1.96	2.47		ug/L		126	70 - 130
Endosulfan sulfate	<0.098		1.96	2.48		ug/L		127	70 - 130
Endrin	<0.0098	F1	1.96	2.69	F1	ug/L		137	70 - 130
Endrin aldehyde	<0.098		1.96	2.50		ug/L		127	60 - 130
EPTC	<0.098		1.96	2.24		ug/L		114	70 - 130
Fluoranthene	<0.098		1.96	2.21		ug/L		113	70 - 130

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207665-T-1-A DU
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Acetochlor	<0.099		<0.097		ug/L		NC	20
Alachlor	<0.050		<0.049		ug/L		NC	20
alpha-BHC	<0.099		<0.097		ug/L		NC	20
alpha-Chlordane	<0.050		<0.049		ug/L		NC	20
Anthracene	<0.020		<0.019		ug/L		NC	20
Atrazine	<0.050		<0.049		ug/L		NC	20
Benz(a)anthracene	<0.050		<0.049		ug/L		NC	20
Benzo[a]pyrene	<0.020		<0.019		ug/L		NC	20
Benzo[b]fluoranthene	<0.020	^+	<0.019	^+	ug/L		NC	20
Benzo[g,h,i]perylene	<0.050		<0.049		ug/L		NC	20
Benzo[k]fluoranthene	<0.020		<0.019		ug/L		NC	20
beta-BHC	<0.099		<0.097		ug/L		NC	20
Bis(2-ethylhexyl) phthalate	<0.60		<0.58		ug/L		NC	20
Aldrin	<0.0099		<0.0097		ug/L		NC	20
Bromacil	<0.099		<0.097		ug/L		NC	20
Butachlor	<0.050		<0.049		ug/L		NC	20
Butylbenzylphthalate	<0.50		<0.49		ug/L		NC	20
Chlorobenzilate	<0.099		<0.097		ug/L		NC	20
Chloroneb	<0.099		<0.097		ug/L		NC	20
Chlorothalonil (Draconil, Bravo)	<0.099		<0.097		ug/L		NC	20
Chlorpyrifos	<0.050		<0.049		ug/L		NC	20
Chrysene	<0.020		<0.019		ug/L		NC	20
delta-BHC	<0.099		<0.097		ug/L		NC	20
Di(2-ethylhexyl)adipate	<0.60		<0.58		ug/L		NC	20
Dibenz(a,h)anthracene	<0.050		<0.049		ug/L		NC	20
Diclorvos (DDVP)	<0.050		<0.049		ug/L		NC	20
Dieldrin	0.015		0.0159		ug/L		9	20
Diethylphthalate	<0.50		<0.49		ug/L		NC	20
Dimethylphthalate	<0.50		<0.49		ug/L		NC	20
Di-n-butyl phthalate	<0.99		<0.97		ug/L		NC	20
Di-n-octyl phthalate	<0.099		<0.097		ug/L		NC	20
Endosulfan I (Alpha)	<0.099		<0.097		ug/L		NC	20
Endosulfan II (Beta)	<0.099		<0.097		ug/L		NC	20
Endosulfan sulfate	<0.099		<0.097		ug/L		NC	20
Endrin	<0.0099		<0.0097		ug/L		NC	20
Endrin aldehyde	<0.099		<0.097		ug/L		NC	20
EPTC	<0.099		<0.097		ug/L		NC	20
Fluoranthene	<0.099		<0.097		ug/L		NC	20
Fluorene	<0.050		<0.049		ug/L		NC	20
gamma-BHC (Lindane)	<0.0099		<0.0097		ug/L		NC	20
gamma-Chlordane	<0.050		<0.049		ug/L		NC	20
Heptachlor	<0.0099		<0.0097		ug/L		NC	20
Heptachlor epoxide (isomer B)	<0.0099		<0.0097		ug/L		NC	20
Hexachlorobenzene	<0.050		<0.049		ug/L		NC	20
Hexachlorocyclopentadiene	<0.050		<0.049		ug/L		NC	20
Indeno[1,2,3-cd]pyrene	<0.050		<0.049		ug/L		NC	20
Isophorone	<0.099		<0.097		ug/L		NC	20
Malathion	<0.099		<0.097		ug/L		NC	20
Methoxychlor	<0.050		<0.049		ug/L		NC	20

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207665-T-1-A DU
Matrix: Water
Analysis Batch: 220139

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 219747

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Metolachlor	<0.050		<0.049		ug/L		NC	20
Molinate	<0.099		<0.097		ug/L		NC	20
Naphthalene	<0.099		<0.097		ug/L		NC	20
Parathion	<0.099		<0.097		ug/L		NC	20
Pendimethalin (Penoxaline)	<0.099		<0.097		ug/L		NC	20
Phenanthrene	<0.040		<0.039		ug/L		NC	20
Propachlor	<0.050		<0.049		ug/L		NC	20
Pyrene	<0.050		<0.049		ug/L		NC	20
Simazine	<0.050		<0.049		ug/L		NC	20
Terbacil	<0.099		<0.097		ug/L		NC	20
Terbutylazine	<0.099		<0.097		ug/L		NC	20
Thiobencarb	<0.099		<0.097		ug/L		NC	20
Total Permethrin (mixed isomers)	<0.20		<0.19		ug/L		NC	20
trans-Nonachlor	<0.050		<0.049		ug/L		NC	20
Trifluralin	<0.099		<0.097		ug/L		NC	20
1-Methylnaphthalene	<0.099		<0.097		ug/L		NC	20
2-Methylnaphthalene	<0.099		<0.097		ug/L		NC	20

Surrogate	DU %Recovery	DU Qualifier	Limits
2-Nitro-m-xylene	97		70 - 130
Perylene-d12	92		70 - 130
Triphenylphosphate	107		70 - 130

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

Lab Sample ID: MB 570-726079/6
Matrix: Water
Analysis Batch: 726079

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			04/17/26 15:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		38 - 134		04/17/26 15:48	1

Lab Sample ID: LCS 570-726079/3
Matrix: Water
Analysis Batch: 726079

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	421		ug/L		105	78 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		38 - 134

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Surrogate	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dibromopropane (Surr)	100		60 - 140	04/14/26 16:37	04/14/26 19:41	1

Lab Sample ID: LCS 380-219939/29-A
Matrix: Water
Analysis Batch: 220162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	1.25	1.27		ug/L		101	70 - 130
1,2-Dibromo-3-Chloropropane	0.250	0.254		ug/L		102	70 - 130
1,2-Dibromoethane	0.250	0.250		ug/L		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dibromopropane (Surr)	98		60 - 140

Lab Sample ID: MRL 380-219939/2-A
Matrix: Water
Analysis Batch: 220162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219939

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0200	0.0194	J	ug/L		97	60 - 140

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dibromopropane (Surr)	98		60 - 140

Lab Sample ID: MRL 380-219939/3-A
Matrix: Water
Analysis Batch: 220162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219939

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0542		ug/L		108	60 - 140
1,2-Dibromo-3-Chloropropane	0.0100	0.0111		ug/L		111	60 - 140
1,2-Dibromoethane	0.0100	0.0116		ug/L		116	60 - 140

Surrogate	MRL %Recovery	MRL Qualifier	Limits
1,2-Dibromopropane (Surr)	107		60 - 140

Lab Sample ID: 380-207765-BJ-1-A MS
Matrix: Water
Analysis Batch: 220162

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	<0.020		1.26	1.25		ug/L		100	65 - 135
1,2-Dibromo-3-Chloropropane	<0.010		0.251	0.256		ug/L		102	65 - 135
1,2-Dibromoethane	<0.010		0.251	0.244		ug/L		97	65 - 135

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dibromopropane (Surr)	98		60 - 140

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 504.1 - EDB, DBCP and 1,2,3-TCP (GC) (Continued)

Lab Sample ID: 380-207564-AX-1-A DU
Matrix: Water
Analysis Batch: 220162

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 219939

Analyte	Sample	Sample	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Result	Qualifier				
1,2,3-Trichloropropane	<0.020		<0.020		ug/L		NC	20
1,2-Dibromo-3-Chloropropane	<0.010		<0.010		ug/L		NC	20
1,2-Dibromoethane	<0.010		<0.010		ug/L		NC	20
DU DU								
Surrogate	%Recovery	Qualifier	Limits					
1,2-Dibromopropane (Surr)	109		60 - 140					

Method: 505 - Organochlorine Pesticides/PCBs (GC)

Lab Sample ID: MB 380-219102/3-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 219102

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Toxaphene	<0.50		0.50	ug/L		04/10/26 12:54	04/10/26 15:03	1
Chlordane (n.o.s.)	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1016	<0.070		0.070	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1221	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1232	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1242	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1248	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1254	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
PCB-1260	<0.070		0.070	ug/L		04/10/26 12:54	04/10/26 15:03	1
Polychlorinated biphenyls, Total	<0.10		0.10	ug/L		04/10/26 12:54	04/10/26 15:03	1
MB MB								
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		70 - 130			04/10/26 12:54	04/10/26 15:03	1

Lab Sample ID: LCS 380-219102/28-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Toxaphene	2.50	2.44		ug/L		98	70 - 130
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-m-xylene	92		70 - 130				

Lab Sample ID: LCS 380-219102/30-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Chlordane (n.o.s.)	0.500	0.518		ug/L		104	70 - 130
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
Tetrachloro-m-xylene	97		70 - 130				

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Lab Sample ID: LCS 380-219102/31-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
PCB-1248	0.500	0.509		ug/L		102	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
Tetrachloro-m-xylene	97		70 - 130				

Lab Sample ID: LCSD 380-219102/29-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toxaphene	2.50	2.70		ug/L		108	70 - 130	10	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
Tetrachloro-m-xylene	102		70 - 130						

Lab Sample ID: MRL 380-219102/1-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Toxaphene	0.500	0.459	J	ug/L		92	50 - 150
Surrogate	%Recovery	MRL Qualifier	Limits				
Tetrachloro-m-xylene	97		70 - 130				

Lab Sample ID: MRL 380-219102/2-A
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chlordane (n.o.s.)	0.100	0.116		ug/L		116	50 - 150
Surrogate	%Recovery	MRL Qualifier	Limits				
Tetrachloro-m-xylene	103		70 - 130				

Lab Sample ID: 380-207538-BL-1-A MS
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Toxaphene	<0.50		2.49	2.44		ug/L		98	65 - 135
Surrogate	%Recovery	MS Qualifier	Limits						
Tetrachloro-m-xylene	94		70 - 130						

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 505 - Organochlorine Pesticides/PCBs (GC) (Continued)

Lab Sample ID: 380-207538-BM-1-A MS
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier						
Chlordane (n.o.s.)	<0.10		0.493	0.486		ug/L		99		65 - 135	
Surrogate	MS	MS	Limits								
%Recovery	Qualifier	Qualifier	Limits								
Tetrachloro-m-xylene	101		70 - 130								

Lab Sample ID: 380-207540-AE-1-A MS
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier						
Toxaphene	<0.49		2.47	2.44		ug/L		99		65 - 135	
Surrogate	MS	MS	Limits								
%Recovery	Qualifier	Qualifier	Limits								
Tetrachloro-m-xylene	95		70 - 130								

Lab Sample ID: 380-207540-AF-1-A MS
Matrix: Water
Analysis Batch: 219470

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 219102

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier						
Chlordane (n.o.s.)	<0.098		0.496	0.489		ug/L		99		65 - 135	
Surrogate	MS	MS	Limits								
%Recovery	Qualifier	Qualifier	Limits								
Tetrachloro-m-xylene	98		70 - 130								

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

Lab Sample ID: MB 570-722504/1-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 722504

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier							
Diesel Range Organics (C10-C24)	<25		25	ug/L		04/10/26 09:56	04/10/26 22:15	1	
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		04/10/26 09:56	04/10/26 22:15	1	
C8-C18	<25		25	ug/L		04/10/26 09:56	04/10/26 22:15	1	
Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac			
%Recovery	Qualifier	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
n-Octacosane (Surr)	92		60 - 130	04/10/26 09:56	04/10/26 22:15	1			

Lab Sample ID: LCS 570-722504/2-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
C10-C28	1600	1530		ug/L		95		56 - 127

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: LCS 570-722504/2-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

	LCS %Recovery	LCS Qualifier	Limits
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>	104		60 - 130

Lab Sample ID: LCSD 570-722504/3-A
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 722504

	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Analyte C10-C28	1600	1490		ug/L		93	56 - 127	2	23
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>									
	LCSD %Recovery	LCSD Qualifier				Limits			
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>	98					60 - 130			

Lab Sample ID: MRL 570-722504/4-A
Matrix: Water
Analysis Batch: 723209

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 722504

	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Analyte C10-C28	0.0200	0.0253		mg/L		127	50 - 150		
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>									
	MRL %Recovery	MRL Qualifier				Limits			
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>	96					60 - 130			

Lab Sample ID: 380-206949-B-1-A MS
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 722504

	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Analyte C10-C28	<26		1700	1640		ug/L		97	70 - 130		
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>											
	MS %Recovery	MS Qualifier				Limits					
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>	101					60 - 130					

Lab Sample ID: 380-206949-B-1-B MSD
Matrix: Water
Analysis Batch: 722774

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 722504

	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Analyte C10-C28	<26		1670	1690		ug/L		101	70 - 130	3	20
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>											
	MSD %Recovery	MSD Qualifier				Limits					
<i>Surrogate</i> <i>n-Octacosane (Surr)</i>	106					60 - 130					

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Lab Sample ID: MB 570-723893/3
Matrix: Water
Analysis Batch: 723893

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Ethanol	<0.10		0.10	mg/L			04/14/26 05:39	1	
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Hexafluoro-2-propanol (Surr)	98	p	52 - 149					04/14/26 05:39	1

Lab Sample ID: LCS 570-723893/4
Matrix: Water
Analysis Batch: 723893

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethanol	2.00	1.93		mg/L		97	59 - 153
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Hexafluoro-2-propanol (Surr)	99		52 - 149				

Lab Sample ID: LCSD 570-723893/5
Matrix: Water
Analysis Batch: 723893

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Ethanol	2.00	2.17		mg/L		108	59 - 153	11	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Hexafluoro-2-propanol (Surr)	101	p	52 - 149						

Lab Sample ID: MRL 570-723893/6
Matrix: Water
Analysis Batch: 723893

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Ethanol	0.100	0.0859	J	mg/L		86	50 - 150
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
Hexafluoro-2-propanol (Surr)	97		52 - 149				

Lab Sample ID: 380-207013-AB-1 MS
Matrix: Water
Analysis Batch: 723893

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethanol	<0.10	F1	2000	2.19	F1	mg/L		0.1	61 - 150
Surrogate	MS %Recovery	MS Qualifier	Limits						
Hexafluoro-2-propanol (Surr)	97	p	52 - 149						

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: 380-207013-AB-1 MSD
Matrix: Water
Analysis Batch: 723893

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethanol	<0.10	F1	2000	2.33	F1	mg/L		0.1	61 - 150	6	36
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Hexafluoro-2-propanol (Surr)	97	p	52 - 149								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 380-219004/39
Matrix: Water
Analysis Batch: 219004

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.050		0.050	mg/L			04/10/26 00:14	1
Nitrite as N	<0.050		0.050	mg/L			04/10/26 00:14	1

Lab Sample ID: LCS 380-219004/41
Matrix: Water
Analysis Batch: 219004

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	2.50	2.59		mg/L		104	90 - 110
Nitrite as N	1.00	1.07		mg/L		107	90 - 110

Lab Sample ID: LCSD 380-219004/42
Matrix: Water
Analysis Batch: 219004

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
Nitrate as N	2.50	2.57		mg/L		103	90 - 110	1	20
Nitrite as N	1.00	1.06		mg/L		106	90 - 110	1	20

Lab Sample ID: MRL 380-219004/40
Matrix: Water
Analysis Batch: 219004

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.0500	0.0496	J	mg/L		99	50 - 150
Nitrite as N	0.0500	0.0516		mg/L		103	50 - 150

Lab Sample ID: 380-207390-F-1 MS
Matrix: Water
Analysis Batch: 219004

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.16		1.25	1.46		mg/L		104	80 - 120
Nitrite as N	<0.050		0.500	0.517		mg/L		103	80 - 120

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 380-207390-F-1 MSD
Matrix: Water
Analysis Batch: 219004

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	0.16		1.25	1.45		mg/L		103	80 - 120	1	20
Nitrite as N	<0.050		0.500	0.514		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 380-219005/39
Matrix: Water
Analysis Batch: 219005

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.25		0.25	mg/L			04/10/26 00:14	1

Lab Sample ID: LCS 380-219005/41
Matrix: Water
Analysis Batch: 219005

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	50.0	51.0		mg/L		102	90 - 110

Lab Sample ID: LCSD 380-219005/42
Matrix: Water
Analysis Batch: 219005

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
Sulfate	50.0	50.8		mg/L		102	90 - 110	0	20

Lab Sample ID: MRL 380-219005/40
Matrix: Water
Analysis Batch: 219005

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	0.250	0.240	J	mg/L		96	50 - 150

Lab Sample ID: 380-207390-F-1 MS
Matrix: Water
Analysis Batch: 219005

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	42		25.0	68.9		mg/L		106	80 - 120

Lab Sample ID: 380-207390-F-1 MSD
Matrix: Water
Analysis Batch: 219005

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	42		25.0	68.8		mg/L		105	80 - 120	0	20

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 380-219195/4
Matrix: Water
Analysis Batch: 219195

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.50		0.50	mg/L			04/10/26 08:57	1

Lab Sample ID: LCS 380-219195/6
Matrix: Water
Analysis Batch: 219195

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	25.0	25.3		mg/L		101	90 - 110

Lab Sample ID: LCSD 380-219195/7
Matrix: Water
Analysis Batch: 219195

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
Chloride	25.0	25.3		mg/L		101	90 - 110	0	20

Lab Sample ID: MRL 380-219195/5
Matrix: Water
Analysis Batch: 219195

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.461	J	mg/L		92	50 - 150

Lab Sample ID: 380-207629-C-1 MS
Matrix: Water
Analysis Batch: 219195

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4.7		12.5	18.4		mg/L		110	80 - 120

Lab Sample ID: 380-207629-C-1 MSD
Matrix: Water
Analysis Batch: 219195

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4.7		12.5	18.3		mg/L		109	80 - 120	1	20

Lab Sample ID: MB 380-219529/4
Matrix: Water
Analysis Batch: 219529

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0	ug/L			04/11/26 09:56	1

Lab Sample ID: LCS 380-219529/5
Matrix: Water
Analysis Batch: 219529

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	100	97.6		ug/L		98	90 - 110

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 380-219529/6
Matrix: Water
Analysis Batch: 219529

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
Bromide	100	98.8		ug/L		99	90 - 110	1	10

Lab Sample ID: MRL 380-219529/3
Matrix: Water
Analysis Batch: 219529

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	5.00	4.38	J	ug/L		88	75 - 125

Lab Sample ID: 380-207387-AD-1 MS
Matrix: Water
Analysis Batch: 219529

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromide	<5.0	F1	50.0	103	F1	ug/L		206	80 - 120

Lab Sample ID: 380-207387-AD-1 MSD
Matrix: Water
Analysis Batch: 219529

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromide	<5.0	F1	50.0	103	F1	ug/L		207	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MBL 380-219212/56
Matrix: Water
Analysis Batch: 219212

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

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.031		0.10	mg/L			04/10/26 11:58	1
Magnesium	<0.0099		0.10	mg/L			04/10/26 11:58	1
Potassium	<0.044		0.20	mg/L			04/10/26 11:58	1
Sodium	<0.019		0.10	mg/L			04/10/26 11:58	1

Lab Sample ID: LCS 380-219212/58
Matrix: Water
Analysis Batch: 219212

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	50.0	49.8		mg/L		100	85 - 115
Magnesium	20.0	19.7		mg/L		99	85 - 115
Potassium	20.0	19.7		mg/L		98	85 - 115
Sodium	50.0	49.0		mg/L		98	85 - 115

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCSD 380-219212/59
Matrix: Water
Analysis Batch: 219212

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
Calcium	50.0	49.8		mg/L		100	85 - 115	0	20
Magnesium	20.0	19.7		mg/L		99	85 - 115	0	20
Potassium	20.0	19.7		mg/L		99	85 - 115	0	20
Sodium	50.0	49.0		mg/L		98	85 - 115	0	20

Lab Sample ID: LLCS 380-219212/57
Matrix: Water
Analysis Batch: 219212

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	0.100	0.109		mg/L		109	50 - 150
Magnesium	0.100	0.0901	J	mg/L		90	50 - 150
Potassium	0.100	0.112	J	mg/L		112	50 - 150
Sodium	0.100	0.100		mg/L		100	50 - 150

Lab Sample ID: 380-207341-H-1 MS
Matrix: Water
Analysis Batch: 219212

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	21		50.0	66.9		mg/L		92	70 - 130
Magnesium	20		20.0	37.8		mg/L		88	70 - 130
Potassium	2.9		20.0	21.6		mg/L		94	70 - 130
Sodium	64		50.0	107		mg/L		86	70 - 130

Lab Sample ID: 380-207341-H-1 MSD
Matrix: Water
Analysis Batch: 219212

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	21		50.0	66.7		mg/L		92	70 - 130	0	20
Magnesium	20		20.0	37.9		mg/L		88	70 - 130	0	20
Potassium	2.9		20.0	21.5		mg/L		93	70 - 130	0	20
Sodium	64		50.0	107		mg/L		86	70 - 130	0	20

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MBL 380-219294/50
Matrix: Water
Analysis Batch: 219294

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

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.48		1.0	ug/L			04/10/26 14:43	1
Arsenic	<0.25		1.0	ug/L			04/10/26 14:43	1
Cadmium	<0.081		0.50	ug/L			04/10/26 14:43	1
Chromium	<0.33		0.90	ug/L			04/10/26 14:43	1
Copper	<0.28		1.0	ug/L			04/10/26 14:43	1
Lead	<0.084		0.50	ug/L			04/10/26 14:43	1
Nickel	<0.38		5.0	ug/L			04/10/26 14:43	1
Selenium	<0.25		2.0	ug/L			04/10/26 14:43	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MBL 380-219294/50
Matrix: Water
Analysis Batch: 219294

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

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.30		0.50	ug/L			04/10/26 14:43	1
Thallium	<0.10		0.30	ug/L			04/10/26 14:43	1
Zinc	<1.3		5.0	ug/L			04/10/26 14:43	1

Lab Sample ID: LCS 380-219294/52
Matrix: Water
Analysis Batch: 219294

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	50.4		ug/L		101	85 - 115
Arsenic	50.0	52.1		ug/L		104	85 - 115
Cadmium	50.0	50.8		ug/L		102	85 - 115
Chromium	50.0	50.2		ug/L		100	85 - 115
Copper	50.0	51.5		ug/L		103	85 - 115
Lead	50.0	52.2		ug/L		104	85 - 115
Nickel	50.0	50.4		ug/L		101	85 - 115
Selenium	50.0	52.0		ug/L		104	85 - 115
Silver	50.0	50.9		ug/L		102	85 - 115
Thallium	50.0	51.7		ug/L		103	85 - 115
Zinc	50.0	50.2		ug/L		100	85 - 115

Lab Sample ID: LCSD 380-219294/53
Matrix: Water
Analysis Batch: 219294

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
Antimony	50.0	50.5		ug/L		101	85 - 115	0	20
Arsenic	50.0	52.2		ug/L		104	85 - 115	0	20
Cadmium	50.0	50.9		ug/L		102	85 - 115	0	20
Chromium	50.0	50.1		ug/L		100	85 - 115	0	20
Copper	50.0	51.7		ug/L		103	85 - 115	0	20
Lead	50.0	51.9		ug/L		104	85 - 115	1	20
Nickel	50.0	50.4		ug/L		101	85 - 115	0	20
Selenium	50.0	52.2		ug/L		104	85 - 115	0	20
Silver	50.0	50.8		ug/L		102	85 - 115	0	20
Thallium	50.0	51.3		ug/L		103	85 - 115	1	20
Zinc	50.0	50.1		ug/L		100	85 - 115	0	20

Lab Sample ID: LLCS 380-219294/51
Matrix: Water
Analysis Batch: 219294

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.00	1.04		ug/L		104	50 - 150
Arsenic	1.00	0.994	J	ug/L		99	50 - 150
Cadmium	0.500	0.498	J	ug/L		100	50 - 150
Chromium	0.900	1.23		ug/L		137	50 - 150
Copper	1.00	1.04		ug/L		104	50 - 150
Lead	0.500	0.530		ug/L		106	50 - 150

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 380-219294/51
Matrix: Water
Analysis Batch: 219294

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nickel	1.00	1.06	J	ug/L		106	50 - 150
Selenium	2.00	2.09		ug/L		105	50 - 150
Silver	0.500	0.519		ug/L		104	50 - 150
Thallium	0.300	0.316		ug/L		105	50 - 150
Zinc	5.00	5.28		ug/L		106	50 - 150

Lab Sample ID: 380-207350-1 MS
Matrix: Drinking Water
Analysis Batch: 219294

Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.0		50.0	56.1		ug/L		112	70 - 130
Arsenic	<1.0		50.0	55.9		ug/L		112	70 - 130
Cadmium	<0.50		50.0	51.6		ug/L		103	70 - 130
Chromium	2.2		50.0	49.4		ug/L		94	70 - 130
Copper	13		50.0	59.8		ug/L		94	70 - 130
Lead	<0.50		50.0	49.1		ug/L		98	70 - 130
Nickel	<5.0		50.0	46.3		ug/L		93	70 - 130
Selenium	2.8		50.0	62.7		ug/L		120	70 - 130
Silver	<0.50		50.0	48.4		ug/L		97	70 - 130
Thallium	<0.30		50.0	49.1		ug/L		98	70 - 130
Zinc	18		50.0	68.4		ug/L		102	70 - 130

Lab Sample ID: 380-207350-1 MSD
Matrix: Drinking Water
Analysis Batch: 219294

Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.0		50.0	55.7		ug/L		111	70 - 130	1	20
Arsenic	<1.0		50.0	56.2		ug/L		112	70 - 130	0	20
Cadmium	<0.50		50.0	51.6		ug/L		103	70 - 130	0	20
Chromium	2.1		50.0	49.5		ug/L		95	70 - 130	0	20
Copper	13		50.0	60.0		ug/L		94	70 - 130	0	20
Lead	<0.50		50.0	49.7		ug/L		99	70 - 130	1	20
Nickel	<5.0		50.0	46.6		ug/L		93	70 - 130	1	20
Selenium	2.9		50.0	62.2		ug/L		119	70 - 130	1	20
Silver	<0.50		50.0	42.4		ug/L		85	70 - 130	13	20
Thallium	<0.30		50.0	49.7		ug/L		99	70 - 130	1	20
Zinc	18		50.0	68.7		ug/L		102	70 - 130	0	20

Lab Sample ID: MBL 380-219805/15
Matrix: Water
Analysis Batch: 219805

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

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.48		1.0	ug/L			04/13/26 13:14	1
Arsenic	<0.25		1.0	ug/L			04/13/26 13:14	1
Beryllium	<0.12		0.30	ug/L			04/13/26 13:14	1
Cadmium	<0.081		0.50	ug/L			04/13/26 13:14	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MBL 380-219805/15
Matrix: Water
Analysis Batch: 219805

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

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.33		0.90	ug/L			04/13/26 13:14	1
Copper	<0.28		1.0	ug/L			04/13/26 13:14	1
Lead	<0.084		0.50	ug/L			04/13/26 13:14	1
Nickel	<0.38		5.0	ug/L			04/13/26 13:14	1
Selenium	<0.25		2.0	ug/L			04/13/26 13:14	1
Silver	<0.30		0.50	ug/L			04/13/26 13:14	1
Thallium	<0.10		0.30	ug/L			04/13/26 13:14	1
Zinc	<1.3		5.0	ug/L			04/13/26 13:14	1

Lab Sample ID: LCS 380-219805/17
Matrix: Water
Analysis Batch: 219805

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	50.6		ug/L		101	85 - 115
Arsenic	50.0	51.1		ug/L		102	85 - 115
Beryllium	50.0	49.8		ug/L		100	85 - 115
Cadmium	50.0	50.3		ug/L		101	85 - 115
Chromium	50.0	50.2		ug/L		100	85 - 115
Copper	50.0	51.3		ug/L		103	85 - 115
Lead	50.0	50.5		ug/L		101	85 - 115
Nickel	50.0	49.9		ug/L		100	85 - 115
Selenium	50.0	50.5		ug/L		101	85 - 115
Silver	50.0	50.9		ug/L		102	85 - 115
Thallium	50.0	50.2		ug/L		100	85 - 115
Zinc	50.0	49.9		ug/L		100	85 - 115

Lab Sample ID: LCSD 380-219805/18
Matrix: Water
Analysis Batch: 219805

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
Antimony	50.0	51.1		ug/L		102	85 - 115	1	20
Arsenic	50.0	51.3		ug/L		103	85 - 115	0	20
Beryllium	50.0	50.0		ug/L		100	85 - 115	0	20
Cadmium	50.0	50.4		ug/L		101	85 - 115	0	20
Chromium	50.0	50.0		ug/L		100	85 - 115	0	20
Copper	50.0	51.3		ug/L		103	85 - 115	0	20
Lead	50.0	50.4		ug/L		101	85 - 115	0	20
Nickel	50.0	50.1		ug/L		100	85 - 115	0	20
Selenium	50.0	50.7		ug/L		101	85 - 115	0	20
Silver	50.0	51.0		ug/L		102	85 - 115	0	20
Thallium	50.0	50.3		ug/L		101	85 - 115	0	20
Zinc	50.0	49.8		ug/L		100	85 - 115	0	20

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LLCS 380-219805/16
Matrix: Water
Analysis Batch: 219805

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.00	1.05		ug/L		105	50 - 150
Arsenic	1.00	1.03		ug/L		103	50 - 150
Beryllium	0.300	0.316		ug/L		105	50 - 150
Cadmium	0.500	0.498	J	ug/L		100	50 - 150
Chromium	0.900	1.05		ug/L		116	50 - 150
Copper	1.00	1.04		ug/L		104	50 - 150
Lead	0.500	0.520		ug/L		104	50 - 150
Nickel	1.00	1.06	J	ug/L		106	50 - 150
Selenium	2.00	2.01		ug/L		100	50 - 150
Silver	0.500	0.524		ug/L		105	50 - 150
Thallium	0.300	0.309		ug/L		103	50 - 150
Zinc	5.00	5.18		ug/L		104	50 - 150

Lab Sample ID: 380-207116-A-6 MS
Matrix: Water
Analysis Batch: 219805

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<1.0		50.0	53.7		ug/L		107	70 - 130
Arsenic	<1.0		50.0	55.3		ug/L		110	70 - 130
Beryllium	<0.30		50.0	50.5		ug/L		101	70 - 130
Cadmium	<0.50		50.0	50.9		ug/L		102	70 - 130
Chromium	<0.90		50.0	48.2		ug/L		96	70 - 130
Copper	1.0		50.0	49.4		ug/L		97	70 - 130
Lead	<0.50		50.0	48.1		ug/L		96	70 - 130
Nickel	<5.0		50.0	47.7		ug/L		95	70 - 130
Selenium	<2.0		50.0	60.3		ug/L		120	70 - 130
Silver	<0.50		50.0	46.2		ug/L		92	70 - 130
Thallium	<0.30		50.0	48.5		ug/L		97	70 - 130
Zinc	<5.0		50.0	56.6		ug/L		107	70 - 130

Lab Sample ID: 380-207116-A-6 MSD
Matrix: Water
Analysis Batch: 219805

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<1.0		50.0	54.5		ug/L		109	70 - 130	1	20
Arsenic	<1.0		50.0	56.5		ug/L		112	70 - 130	2	20
Beryllium	<0.30		50.0	50.8		ug/L		102	70 - 130	1	20
Cadmium	<0.50		50.0	51.6		ug/L		103	70 - 130	2	20
Chromium	<0.90		50.0	49.1		ug/L		98	70 - 130	2	20
Copper	1.0		50.0	50.3		ug/L		98	70 - 130	2	20
Lead	<0.50		50.0	48.7		ug/L		97	70 - 130	1	20
Nickel	<5.0		50.0	48.6		ug/L		96	70 - 130	2	20
Selenium	<2.0		50.0	60.9		ug/L		121	70 - 130	1	20
Silver	<0.50		50.0	47.2		ug/L		94	70 - 130	2	20
Thallium	<0.30		50.0	49.1		ug/L		98	70 - 130	1	20
Zinc	<5.0		50.0	58.1		ug/L		110	70 - 130	3	20

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: 200.8 - Mercury (ICP/MS)

Lab Sample ID: MBL 380-220145/1-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.079		0.20	ug/L		04/15/26 10:17	04/15/26 18:47	1

Lab Sample ID: LCS 380-220145/3-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.03		ug/L		103	85 - 115

Lab Sample ID: LCSD 380-220145/4-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	1.00	1.04		ug/L		104	85 - 115	1	20

Lab Sample ID: LLCS 380-220145/2-A
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.200	0.212		ug/L		106	50 - 150

Lab Sample ID: 380-207916-BL-1-B MS
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.20		1.00	1.06		ug/L		106	70 - 130

Lab Sample ID: 380-207916-BL-1-C MSD
Matrix: Water
Analysis Batch: 220316

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 220145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.20		1.00	1.10		ug/L		110	70 - 130	3	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 380-219363/1
Matrix: Water
Analysis Batch: 219363

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<2.0		2.0	mg/L			04/10/26 14:48	1
Bicarbonate Alkalinity as CaCO3	2.26		2.0	mg/L			04/10/26 14:48	1
Carbonate Alkalinity as CaCO3	<2.0		2.0	mg/L			04/10/26 14:48	1

Eurofins Pomona

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 380-219363/3
Matrix: Water
Analysis Batch: 219363

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	100	96.2		mg/L		96	90 - 110

Lab Sample ID: LCSD 380-219363/18
Matrix: Water
Analysis Batch: 219363

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
Alkalinity	100	95.6		mg/L		96	90 - 110	1	20

Lab Sample ID: LLCS 380-219363/4
Matrix: Water
Analysis Batch: 219363

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	20.0	20.4		mg/L		102	90 - 110

Lab Sample ID: MRL 380-219363/2
Matrix: Water
Analysis Batch: 219363

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	2.00	1.62	J	mg/L		81	50 - 150

Lab Sample ID: 380-207348-R-1 MS
Matrix: Water
Analysis Batch: 219363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	240		100	336		mg/L		95	80 - 120

Lab Sample ID: 380-207348-R-1 MSD
Matrix: Water
Analysis Batch: 219363

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	240		100	338		mg/L		96	80 - 120	0	20

Lab Sample ID: 380-207348-R-1 DU
Matrix: Water
Analysis Batch: 219363

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity	240		241		mg/L		0.1	20
Bicarbonate Alkalinity as CaCO3	240		241		mg/L		0.1	20
Carbonate Alkalinity as CaCO3	<2.0		<2.0		mg/L		NC	20

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 380-219366/3
Matrix: Water
Analysis Batch: 219366

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	<2.0		2.0	umhos/cm			04/10/26 14:48	1

Lab Sample ID: LCS 380-219366/5
Matrix: Water
Analysis Batch: 219366

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	1000	1000		umhos/cm		100	90 - 110

Lab Sample ID: LCSD 380-219366/17
Matrix: Water
Analysis Batch: 219366

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
Specific Conductance	1000	999		umhos/cm		100	90 - 110	0	10

Lab Sample ID: MRL 380-219366/4
Matrix: Water
Analysis Batch: 219366

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Specific Conductance	2.00	1.90	J	umhos/cm		95	50 - 150

Lab Sample ID: 380-207348-R-1 DU
Matrix: Water
Analysis Batch: 219366

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Specific Conductance	1400		1390		umhos/cm		0.3	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 380-219623/1
Matrix: Water
Analysis Batch: 219623

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	mg/L			04/13/26 16:59	1

Lab Sample ID: HLCS 380-219623/4
Matrix: Water
Analysis Batch: 219623

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

Analyte	Spike Added	HLCS Result	HLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	700	728		mg/L		104	80 - 114

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 380-219623/3
Matrix: Water
Analysis Batch: 219623

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	175	184		mg/L		105	80 - 114

Lab Sample ID: MRL 380-219623/2
Matrix: Water
Analysis Batch: 219623

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	10.0	11.0		mg/L		110	50 - 150

Lab Sample ID: 380-207341-I-1 DU
Matrix: Water
Analysis Batch: 219623

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	390		400		mg/L		2	10

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 380-219826/6
Matrix: Water
Analysis Batch: 219826

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.050		0.050	mg/L			04/13/26 17:27	1

Lab Sample ID: LCS 380-219826/8
Matrix: Water
Analysis Batch: 219826

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	1.00	1.02		mg/L		102	90 - 110

Lab Sample ID: LCSD 380-219826/9
Matrix: Water
Analysis Batch: 219826

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
Fluoride	1.00	1.02		mg/L		102	90 - 110	0	10

Lab Sample ID: MRL 380-219826/7
Matrix: Water
Analysis Batch: 219826

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.0500	0.0530		mg/L		106	50 - 150

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: 380-207078-A-3 MS
Matrix: Water
Analysis Batch: 219826

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.77		1.00	1.81		mg/L		104	80 - 120

Lab Sample ID: 380-207078-A-3 MSD
Matrix: Water
Analysis Batch: 219826

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.77		1.00	1.79		mg/L		102	80 - 120	1	20

Method: SM 4500 H+ B - pH

Lab Sample ID: MB 380-219368/5
Matrix: Water
Analysis Batch: 219368

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.5			SU			04/10/26 14:48	1

Lab Sample ID: LCS 380-219368/6
Matrix: Water
Analysis Batch: 219368

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
pH	6.00	6.0		SU		101	98 - 102

Lab Sample ID: LCSD 380-219368/18
Matrix: Water
Analysis Batch: 219368

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
pH	6.00	6.0		SU		101	98 - 102	0	2

Lab Sample ID: 380-207348-R-1 DU
Matrix: Water
Analysis Batch: 219368

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.7		7.6		SU		0.8	2

Method: SM 4500 S2 D - Sulfide, Total

Lab Sample ID: MB 380-219498/3
Matrix: Water
Analysis Batch: 219498

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<0.050		0.050	mg/L			04/13/26 15:33	1

QC Sample Results

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method: SM 4500 S2 D - Sulfide, Total (Continued)

Lab Sample ID: LCS 380-219498/5
Matrix: Water
Analysis Batch: 219498

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	0.250	0.252		mg/L		101	90 - 110

Lab Sample ID: LCSD 380-219498/6
Matrix: Water
Analysis Batch: 219498

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
Sulfide	0.250	0.257		mg/L		103	90 - 110	2	20

Lab Sample ID: MRL 380-219498/4
Matrix: Water
Analysis Batch: 219498

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	0.0500	0.0547		mg/L		109	50 - 150

Lab Sample ID: 380-207645-E-1 MS
Matrix: Water
Analysis Batch: 219498

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<0.050	F1	0.250	0.155	F1	mg/L		62	80 - 120

Lab Sample ID: 380-207645-E-1 MSD
Matrix: Water
Analysis Batch: 219498

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<0.050	F1	0.250	0.155	F1	mg/L		62	80 - 120	0	20

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

GC/MS VOA

Analysis Batch: 219923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 380-219923/13	Lab Control Sample	Total/NA	Water	524.2	
MRL 380-219923/14	Lab Control Sample	Total/NA	Water	524.2	

Analysis Batch: 219989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	524.2	
MB 380-219989/5	Method Blank	Total/NA	Water	524.2	
LCS 380-219989/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 380-219989/4	Lab Control Sample Dup	Total/NA	Water	524.2	

Analysis Batch: 222609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	524.2	

GC/MS Semi VOA

Prep Batch: 219747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	525.2	
MB 380-219747/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-219747/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-219747/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-207341-R-1-B MS	Matrix Spike	Total/NA	Water	525.2	
380-207665-T-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 220139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	525.2	219747
MB 380-219747/21-A	Method Blank	Total/NA	Water	525.2	219747
LCS 380-219747/23-A	Lab Control Sample	Total/NA	Water	525.2	219747
MRL 380-219747/22-A	Lab Control Sample	Total/NA	Water	525.2	219747
380-207341-R-1-B MS	Matrix Spike	Total/NA	Water	525.2	219747
380-207665-T-1-A DU	Duplicate	Total/NA	Water	525.2	219747

GC VOA

Analysis Batch: 726079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	8015B GRO LL	
MB 570-726079/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-726079/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-726079/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-726079/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
570-275047-D-4 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
570-275047-E-4 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 219102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	505	
MB 380-219102/3-A	Method Blank	Total/NA	Water	505	

Eurofins Pomona

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

GC Semi VOA (Continued)

Prep Batch: 219102 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 380-219102/28-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-219102/30-A	Lab Control Sample	Total/NA	Water	505	
LCS 380-219102/31-A	Lab Control Sample	Total/NA	Water	505	
LCSD 380-219102/29-A	Lab Control Sample Dup	Total/NA	Water	505	
MRL 380-219102/1-A	Lab Control Sample	Total/NA	Water	505	
MRL 380-219102/2-A	Lab Control Sample	Total/NA	Water	505	
380-207538-BL-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207538-BM-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207540-AE-1-A MS	Matrix Spike	Total/NA	Water	505	
380-207540-AF-1-A MS	Matrix Spike	Total/NA	Water	505	

Analysis Batch: 219470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	505	219102
MB 380-219102/3-A	Method Blank	Total/NA	Water	505	219102
LCS 380-219102/28-A	Lab Control Sample	Total/NA	Water	505	219102
LCS 380-219102/30-A	Lab Control Sample	Total/NA	Water	505	219102
LCS 380-219102/31-A	Lab Control Sample	Total/NA	Water	505	219102
LCSD 380-219102/29-A	Lab Control Sample Dup	Total/NA	Water	505	219102
MRL 380-219102/1-A	Lab Control Sample	Total/NA	Water	505	219102
MRL 380-219102/2-A	Lab Control Sample	Total/NA	Water	505	219102
380-207538-BL-1-A MS	Matrix Spike	Total/NA	Water	505	219102
380-207538-BM-1-A MS	Matrix Spike	Total/NA	Water	505	219102
380-207540-AE-1-A MS	Matrix Spike	Total/NA	Water	505	219102
380-207540-AF-1-A MS	Matrix Spike	Total/NA	Water	505	219102

Prep Batch: 219939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	504.1	
MBL 380-219939/4-A	Method Blank	Total/NA	Water	504.1	
LCS 380-219939/29-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-219939/2-A	Lab Control Sample	Total/NA	Water	504.1	
MRL 380-219939/3-A	Lab Control Sample	Total/NA	Water	504.1	
380-207765-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	
380-207564-AX-1-A DU	Duplicate	Total/NA	Water	504.1	

Analysis Batch: 220162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	504.1	219939
MBL 380-219939/4-A	Method Blank	Total/NA	Water	504.1	219939
LCS 380-219939/29-A	Lab Control Sample	Total/NA	Water	504.1	219939
MRL 380-219939/2-A	Lab Control Sample	Total/NA	Water	504.1	219939
MRL 380-219939/3-A	Lab Control Sample	Total/NA	Water	504.1	219939
380-207765-BJ-1-A MS	Matrix Spike	Total/NA	Water	504.1	219939
380-207564-AX-1-A DU	Duplicate	Total/NA	Water	504.1	219939

Prep Batch: 722504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	3510C	
MB 570-722504/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	3510C	

Eurofins Pomona

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

GC Semi VOA (Continued)

Prep Batch: 722504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-206949-B-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-206949-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 722774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-722504/1-A	Method Blank	Total/NA	Water	8015B	722504
LCS 570-722504/2-A	Lab Control Sample	Total/NA	Water	8015B	722504
LCSD 570-722504/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	722504
380-206949-B-1-A MS	Matrix Spike	Total/NA	Water	8015B	722504
380-206949-B-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	722504

Analysis Batch: 723209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	8015B	722504
MRL 570-722504/4-A	Lab Control Sample	Total/NA	Water	8015B	722504

Analysis Batch: 723893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	8015B	
MB 570-723893/3	Method Blank	Total/NA	Water	8015B	
LCS 570-723893/4	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-723893/5	Lab Control Sample Dup	Total/NA	Water	8015B	
MRL 570-723893/6	Lab Control Sample	Total/NA	Water	8015B	
380-207013-AB-1 MS	Matrix Spike	Total/NA	Water	8015B	
380-207013-AB-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	

HPLC/IC

Analysis Batch: 219004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	300.0	
MB 380-219004/39	Method Blank	Total/NA	Water	300.0	
LCS 380-219004/41	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-219004/42	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-219004/40	Lab Control Sample	Total/NA	Water	300.0	
380-207390-F-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-207390-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 219005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	300.0	
MB 380-219005/39	Method Blank	Total/NA	Water	300.0	
LCS 380-219005/41	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-219005/42	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-219005/40	Lab Control Sample	Total/NA	Water	300.0	
380-207390-F-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-207390-F-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

HPLC/IC

Analysis Batch: 219195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	300.0	
MB 380-219195/4	Method Blank	Total/NA	Water	300.0	
LCS 380-219195/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-219195/7	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-219195/5	Lab Control Sample	Total/NA	Water	300.0	
380-207629-C-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-207629-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 219529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	300.0	
MB 380-219529/4	Method Blank	Total/NA	Water	300.0	
LCS 380-219529/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 380-219529/6	Lab Control Sample Dup	Total/NA	Water	300.0	
MRL 380-219529/3	Lab Control Sample	Total/NA	Water	300.0	
380-207387-AD-1 MS	Matrix Spike	Total/NA	Water	300.0	
380-207387-AD-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Analysis Batch: 219212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	200.7 Rev 4.4	
MBL 380-219212/56	Method Blank	Total/NA	Water	200.7 Rev 4.4	
LCS 380-219212/58	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
LCSD 380-219212/59	Lab Control Sample Dup	Total/NA	Water	200.7 Rev 4.4	
LLCS 380-219212/57	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	
380-207341-H-1 MS	Matrix Spike	Total/NA	Water	200.7 Rev 4.4	
380-207341-H-1 MSD	Matrix Spike Duplicate	Total/NA	Water	200.7 Rev 4.4	

Analysis Batch: 219294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	200.8	
MBL 380-219294/50	Method Blank	Total/NA	Water	200.8	
LCS 380-219294/52	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-219294/53	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-219294/51	Lab Control Sample	Total/NA	Water	200.8	
380-207350-1 MS	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	200.8	
380-207350-1 MSD	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	200.8	

Analysis Batch: 219805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	200.8	
MBL 380-219805/15	Method Blank	Total/NA	Water	200.8	
LCS 380-219805/17	Lab Control Sample	Total/NA	Water	200.8	
LCSD 380-219805/18	Lab Control Sample Dup	Total/NA	Water	200.8	
LLCS 380-219805/16	Lab Control Sample	Total/NA	Water	200.8	
380-207116-A-6 MS	Matrix Spike	Total/NA	Water	200.8	
380-207116-A-6 MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Metals

Prep Batch: 220145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total Recoverable	Drinking Water	200.8	
MBL 380-220145/1-A	Method Blank	Total Recoverable	Water	200.8	
LCS 380-220145/3-A	Lab Control Sample	Total Recoverable	Water	200.8	
LCSD 380-220145/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	
LLCS 380-220145/2-A	Lab Control Sample	Total Recoverable	Water	200.8	
380-207916-BL-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	
380-207916-BL-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	

Analysis Batch: 220316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total Recoverable	Drinking Water	200.8	220145
MBL 380-220145/1-A	Method Blank	Total Recoverable	Water	200.8	220145
LCS 380-220145/3-A	Lab Control Sample	Total Recoverable	Water	200.8	220145
LCSD 380-220145/4-A	Lab Control Sample Dup	Total Recoverable	Water	200.8	220145
LLCS 380-220145/2-A	Lab Control Sample	Total Recoverable	Water	200.8	220145
380-207916-BL-1-B MS	Matrix Spike	Total Recoverable	Water	200.8	220145
380-207916-BL-1-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.8	220145

General Chemistry

Analysis Batch: 219363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 2320B	
MB 380-219363/1	Method Blank	Total/NA	Water	SM 2320B	
LCS 380-219363/3	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 380-219363/18	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 380-219363/4	Lab Control Sample	Total/NA	Water	SM 2320B	
MRL 380-219363/2	Lab Control Sample	Total/NA	Water	SM 2320B	
380-207348-R-1 MS	Matrix Spike	Total/NA	Water	SM 2320B	
380-207348-R-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 2320B	
380-207348-R-1 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 219366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 2510B	
MB 380-219366/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 380-219366/5	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 380-219366/17	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
MRL 380-219366/4	Lab Control Sample	Total/NA	Water	SM 2510B	
380-207348-R-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Analysis Batch: 219368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 4500 H+ B	
MB 380-219368/5	Method Blank	Total/NA	Water	SM 4500 H+ B	
LCS 380-219368/6	Lab Control Sample	Total/NA	Water	SM 4500 H+ B	
LCSD 380-219368/18	Lab Control Sample Dup	Total/NA	Water	SM 4500 H+ B	
380-207348-R-1 DU	Duplicate	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

General Chemistry

Analysis Batch: 219498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 4500 S2 D	
MB 380-219498/3	Method Blank	Total/NA	Water	SM 4500 S2 D	
LCS 380-219498/5	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
LCSD 380-219498/6	Lab Control Sample Dup	Total/NA	Water	SM 4500 S2 D	
MRL 380-219498/4	Lab Control Sample	Total/NA	Water	SM 4500 S2 D	
380-207645-E-1 MS	Matrix Spike	Total/NA	Water	SM 4500 S2 D	
380-207645-E-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 D	

Analysis Batch: 219623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 2540C	
MB 380-219623/1	Method Blank	Total/NA	Water	SM 2540C	
HLCS 380-219623/4	Lab Control Sample	Total/NA	Water	SM 2540C	
LCS 380-219623/3	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 380-219623/2	Lab Control Sample	Total/NA	Water	SM 2540C	
380-207341-I-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 219826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	SM 4500 F C	
MB 380-219826/6	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 380-219826/8	Lab Control Sample	Total/NA	Water	SM 4500 F C	
LCSD 380-219826/9	Lab Control Sample Dup	Total/NA	Water	SM 4500 F C	
MRL 380-219826/7	Lab Control Sample	Total/NA	Water	SM 4500 F C	
380-207078-A-3 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
380-207078-A-3 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	

Lab Chronicle

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

Job ID: 380-207350-1
SDG: Quarterly: Aiea Wells P2

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

Lab Sample ID: 380-207350-1

Date Collected: 04/08/26 09:58

Matrix: Drinking Water

Date Received: 04/09/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	524.2		1	222609	C4WQ	EA POM	04/15/26 08:46
Total/NA	Analysis	524.2		1	219989	HM3T	EA POM	04/15/26 08:46
Total/NA	Prep	525.2			219747	OTM3	EA POM	04/14/26 08:24
Total/NA	Analysis	525.2		1	220139	UPAC	EA POM	04/15/26 15:34
Total/NA	Analysis	8015B GRO LL		1	726079	A9VE	EET CAL 4	04/18/26 02:17
Total/NA	Prep	504.1			219939	GVC6	EA POM	04/14/26 16:37 - 04/14/26 17:36 ¹
Total/NA	Analysis	504.1		1	220162	GVC6	EA POM	04/14/26 22:45
Total/NA	Prep	505			219102	DR5R	EA POM	04/10/26 12:54 - 04/10/26 14:06 ¹
Total/NA	Analysis	505		1	219470	DR5R	EA POM	04/10/26 21:30
Total/NA	Prep	3510C			722504	EP2G	EET CAL 4	04/10/26 14:28
Total/NA	Analysis	8015B		1	723209	UJ3K	EET CAL 4	04/12/26 17:46
Total/NA	Analysis	8015B		1	723893	UJ3K	EET CAL 4	04/14/26 14:25
Total/NA	Analysis	300.0		2	219004	BG6L	EA POM	04/10/26 03:52
Total/NA	Analysis	300.0		2	219005	BG6L	EA POM	04/10/26 03:52
Total/NA	Analysis	300.0		5	219529	UNJR	EA POM	04/11/26 16:05
Total/NA	Analysis	300.0		5	219195	BG6L	EA POM	04/10/26 16:23
Total/NA	Analysis	200.7 Rev 4.4		1	219212	MF7S	EA POM	04/10/26 12:45
Total Recoverable	Prep	200.8			220145	Z45W	EA POM	04/15/26 10:17
Total Recoverable	Analysis	200.8		1	220316	T8BB	EA POM	04/15/26 19:17
Total/NA	Analysis	200.8		1	219294	T8BB	EA POM	04/10/26 15:20
Total/NA	Analysis	200.8		1	219805	T8BB	EA POM	04/13/26 13:49
Total/NA	Analysis	SM 2320B		1	219363	PK4Q	EA POM	04/10/26 16:12
Total/NA	Analysis	SM 2510B		1	219366	PK4Q	EA POM	04/10/26 16:12
Total/NA	Analysis	SM 2540C		1	219623	UJRF	EA POM	04/13/26 16:59
Total/NA	Analysis	SM 4500 F C		1	219826	PK4Q	EA POM	04/13/26 19:14
Total/NA	Analysis	SM 4500 H+ B		1	219368	PK4Q	EA POM	04/10/26 16:12
Total/NA	Analysis	SM 4500 S2 D		1	219498	ZJ2C	EA POM	04/13/26 15:33

¹ This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

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: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

Laboratory: Eurofins Pomona

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

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

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

Analysis Method	Prep Method	Matrix	Analyte
505	505	Drinking Water	Polychlorinated biphenyls, Total
524.2		Drinking Water	1,3-Dichloropropene, Total
524.2		Drinking Water	2-Butanone (MEK)
524.2		Drinking Water	Acetone
524.2		Drinking Water	Bromodichloromethane
524.2		Drinking Water	Bromoethane
524.2		Drinking Water	Bromoform
524.2		Drinking Water	Chlorodibromomethane
524.2		Drinking Water	Chloroform (Trichloromethane)
524.2		Drinking Water	m,p-Xylenes
524.2		Drinking Water	o-Xylene
525.2	525.2	Drinking Water	1-Methylnaphthalene
525.2	525.2	Drinking Water	2,4'-DDD
525.2	525.2	Drinking Water	2,4'-DDE
525.2	525.2	Drinking Water	2,4'-DDT
525.2	525.2	Drinking Water	2,4-Dinitrotoluene
525.2	525.2	Drinking Water	2,6-Dinitrotoluene
525.2	525.2	Drinking Water	2-Methylnaphthalene
525.2	525.2	Drinking Water	4,4'-DDD
525.2	525.2	Drinking Water	4,4'-DDE
525.2	525.2	Drinking Water	4,4'-DDT
525.2	525.2	Drinking Water	Acetochlor
525.2	525.2	Drinking Water	alpha-BHC
525.2	525.2	Drinking Water	alpha-Chlordane
525.2	525.2	Drinking Water	beta-BHC
525.2	525.2	Drinking Water	Chlorobenzilate
525.2	525.2	Drinking Water	Chloroneb
525.2	525.2	Drinking Water	Chlorothalonil (Draconil, Bravo)
525.2	525.2	Drinking Water	Chlorpyrifos
525.2	525.2	Drinking Water	delta-BHC
525.2	525.2	Drinking Water	Diclorvos (DDVP)
525.2	525.2	Drinking Water	Endosulfan I (Alpha)
525.2	525.2	Drinking Water	Endosulfan II (Beta)
525.2	525.2	Drinking Water	Endosulfan sulfate
525.2	525.2	Drinking Water	Endrin aldehyde
525.2	525.2	Drinking Water	EPTC
525.2	525.2	Drinking Water	gamma-Chlordane
525.2	525.2	Drinking Water	Isophorone
525.2	525.2	Drinking Water	Malathion
525.2	525.2	Drinking Water	Parathion
525.2	525.2	Drinking Water	Pendimethalin (Penoxaline)
525.2	525.2	Drinking Water	Terbacil
525.2	525.2	Drinking Water	Terbutylazine
525.2	525.2	Drinking Water	Total Permethrin (mixed isomers)
525.2	525.2	Drinking Water	trans-Nonachlor
SM 2320B		Drinking Water	Bicarbonate Alkalinity as CaCO3

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

Accreditation/Certification Summary

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

Job ID: 380-207350-1
 SDG: Quarterly: Aiea Wells P2

Laboratory: Eurofins Pomona (Continued)

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

Authority	Program	Identification Number	Expiration Date
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
SM 2320B		Drinking Water	Carbonate Alkalinity as CaCO3
SM 4500 S2 D		Drinking Water	Sulfide

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	04-29-26
Kansas	NELAP	E-10420	05-12-26
Nevada	State	CA00111	04-27-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	06-08-26
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: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Method	Method Description	Protocol	Laboratory
524.2	Total Trihalomethanes	EPA-DW	EA POM
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	EA POM
525.2	Semivolatile Organic Compounds (GC/MS)	EPA	EA POM
8015B GRO LL	Gasoline Range Organics - (GC)	SW846	EET CAL 4
504.1	EDB, DBCP and 1,2,3-TCP (GC)	EPA-DW2	EA POM
505	Organochlorine Pesticides/PCBs (GC)	EPA	EA POM
8015B	Diesel Range Organics (DRO) (GC) Low Level	SW846	EET CAL 4
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	EET CAL 4
300.0	Anions, Ion Chromatography	EPA	EA POM
200.7 Rev 4.4	Metals (ICP)	EPA	EA POM
200.8	Mercury (ICP/MS)	EPA	EA POM
200.8	Metals (ICP/MS)	EPA	EA POM
SM 2320B	Alkalinity	SM	EA POM
SM 2510B	Conductivity, Specific Conductance	SM	EA POM
SM 2540C	Solids, Total Dissolved (TDS)	SM	EA POM
SM 4500 F C	Fluoride	SM	EA POM
SM 4500 H+ B	pH	SM	EA POM
SM 4500 S2 D	Sulfide, Total	SM	EA POM
200.8	Preparation, Total Recoverable Metals	EPA	EA POM
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CAL 4
5030C	Purge and Trap	SW846	EET CAL 4
504.1	Microextraction	EPA-DW	EA POM
505	Extraction, Organohalide Pesticides	EPA	EA POM
525.2	Extraction of Semivolatile Compounds	EPA	EA POM
None	Autocomplete Prep - Metals - No Digestion required	None	EA POM

Protocol References:

EPA = US Environmental Protection Agency

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

EPA-DW2 = "Methods For The Determination of Organic Compounds in Drinking Water - Supplement III ", EPA/600/R-95-131, August 1995

None = None

SM = "Standard Methods For The Examination Of Water And Wastewater"

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: 380-207350-1
SDG: Quarterly: Aiea Wells P2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-207350-1	AIEA WELLS P2 (260) (331-004-WL103)	Drinking Water	04/08/26 09:58	04/09/26 10:00	HI0000331

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

Monrovia, CA (Suite 100)

750 Royal Oaks Drive Suite 100
 Monrovia, CA 91016
 Phone (626) 386-1100

Chain of Custody Record



Client Information		Sampler: Bailey		Lab PM: Lopez, Maria		Carrier Tracking No(s):		COC No:			
Client Contact: Kirk Iwamoto		Phone: +1 8087485840		E-Mail: Maria.Lopez@et.euronisus.com		State of Origin:		Page: Page 2 of 2			
Company: City & County of Honolulu		PWSID:		Analysis Requested						Job #:	
Address: 630 South Beretania Street; Chemistry Lab		Due Date Requested:		Field Filtered Sample (Yes or No) Perforim/MS/MSD (Yes or No) 504.1_PREC - Local Method						Total Number of Containers Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Y - Trizma Z - other (specify)	
City: Honolulu		TAT Requested (days):									
State, Zip: HI, 96843		Compliance Project: Δ No									
Phone: 808-748-5040 (tel)		PO #: C20525101 exp 05312023									
Email: kiwamoto@hbws.org		WO #:									
Project Name: RED-HILL		Project #: 38001111									
Site:		SSCW#:								Other:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perforim/MS/MSD (Yes or No)	504.1_PREC - Local Method	Total Number of Containers	Special Instructions/Note:	
				Preservation Code:		X	X	R			
Aiea Wells P2 (260) (331-004-WL103)				Water							
TB: Aiea Wells P2 (260) (331-004-WL103)		8-Apr-2026	0958					2			
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological					<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months						
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:						
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:					
Relinquished by: <i>bailey</i>		Date/Time: 08/21/2026 1400		Company: HBWS		Received by: <i>[Signature]</i>		Date/Time: 4/9/26 10:00		Company: <i>[Signature]</i>	
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: <i>4.0 GEL</i>							

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-207350-1
SDG Number: Quarterly: Aiea Wells P2

Login Number: 207350

List Number: 1

Creator: Edrosa, Rey

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
CIO4 headspace requirement met (>50% for CA, >30% for other states).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	



Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-207350-1
SDG Number: Quarterly: Aiea Wells P2

Login Number: 207350
List Number: 2
Creator: Ablian, Samantha

List Source: Eurofins Calscience
List Creation: 04/10/26 01:53 PM

Question	Answer	Comment
Radioactivity wasn't checked or is \leq 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	0.1/0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	MH6M
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

