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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

RED-HILL
Weekly: Aiea Gulch Wells Pump 1
RUSH Weekly Red Hill

JOB NUMBER

380-218883-1

Eurofins Pomona

Job Notes

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

Compliance Statement

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

Authorization



Authorized for release by
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Definitions/Glossary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA TICs

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

Glossary

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

Case Narrative

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

Job ID: 380-218883-1

Job ID: 380-218883-1

Eurofins Pomona

Job Narrative 380-218883-1

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

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

Receipt

The samples were received on 6/10/2026 9:24 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.2°C.

GC/MS Semi VOA

Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch. Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-753632.

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

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 570-753632.

Method 625.1 SIM: The laboratory control sample (LCS) for preparation batch 570-753632 and analytical batch 570-754835 recovered outside control limits for the following analytes: Acenaphthene, Fluorene, Phenanthrene and Pyrene. The analytes were not detected in the native sample

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

Gasoline Range Organics

Method 8015B GRO LL: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-755498. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

Diesel Range Organics

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-753329. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method: 8015 DRO

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

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Detection Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

**Client Sample ID: AIEA GULCH WELLS PUMP 1
(331-201-TP071)**
PWSID Number: HI0000331

Lab Sample ID: 380-218883-1

No Detections.

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

Lab Sample ID: 380-218883-2

No Detections.

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This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218883-1

Date Collected: 06/08/26 09:30

Matrix: Drinking Water

Date Received: 06/10/26 09:24

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2,4'-DDD	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2,4'-DDE	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2,4'-DDT	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2,4-Dinitrotoluene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2,6-Dinitrotoluene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
2-Methylnaphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
4,4'-DDD	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
4,4'-DDE	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
4,4'-DDT	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Acenaphthene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Acenaphthylene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Acetochlor	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Alachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
alpha-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
alpha-Chlordane	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Anthracene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 15:48	1
Atrazine	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Benz(a)anthracene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Benzo[a]pyrene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 15:48	1
Benzo[b]fluoranthene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 15:48	1
Benzo[g,h,i]perylene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Benzo[k]fluoranthene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 15:48	1
beta-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Bis(2-ethylhexyl) phthalate	<0.60		0.60	ug/L		06/16/26 06:46	06/16/26 15:48	1
Bromacil	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Butachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Butylbenzylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 15:48	1
Chlorobenzilate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Chloroneb	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Chlorpyrifos	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Chrysene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 15:48	1
delta-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Di(2-ethylhexyl)adipate	<0.60		0.60	ug/L		06/16/26 06:46	06/16/26 15:48	1
Dibenz(a,h)anthracene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Diclorvos (DDVP)	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Dieldrin	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Diethylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 15:48	1
Dimethylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 15:48	1
Di-n-butyl phthalate	<0.99		0.99	ug/L		06/16/26 06:46	06/16/26 15:48	1
Di-n-octyl phthalate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Endosulfan I (Alpha)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Endosulfan II (Beta)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Endosulfan sulfate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Endrin	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Endrin aldehyde	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
EPTC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1

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Client Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218883-1

Date Collected: 06/08/26 09:30

Matrix: Drinking Water

Date Received: 06/10/26 09:24

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Fluorene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
gamma-Chlordane	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Heptachlor	<0.0099	^3+	0.0099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Hexachlorobenzene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Hexachlorocyclopentadiene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Isophorone	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Lindane	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Malathion	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Methoxychlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Metolachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Molinate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Naphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Parathion	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Pendimethalin (Penoxaline)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Phenanthrene	<0.040		0.040	ug/L		06/16/26 06:46	06/16/26 15:48	1
Propachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Pyrene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Simazine	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Terbacil	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Terbutylazine	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Thiobencarb	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		06/16/26 06:46	06/16/26 15:48	1
trans-Nonachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 15:48	1
Trifluralin	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 15:48	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	06/16/26 06:46	06/16/26 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	101		70 - 130	06/16/26 06:46	06/16/26 15:48	1
Perylene-d12	93		70 - 130	06/16/26 06:46	06/16/26 15:48	1
Triphenylphosphate	101		70 - 130	06/16/26 06:46	06/16/26 15:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
2-Methylnaphthalene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Acenaphthene	<0.20	*-	0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Acenaphthylene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Anthracene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Benzo[a]anthracene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Benzo[a]pyrene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Chrysene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1

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Client Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218883-1

Date Collected: 06/08/26 09:30

Matrix: Drinking Water

Date Received: 06/10/26 09:24

PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Fluoranthene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Fluorene	<0.20	*	0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Naphthalene	<0.20		0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Phenanthrene	<0.20	*	0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1
Pyrene	<0.20	*	0.20	ug/L		06/12/26 21:50	06/17/26 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		28 - 127	06/12/26 21:50	06/17/26 01:43	1
2-Fluorobiphenyl (Surr)	78		31 - 120	06/12/26 21:50	06/17/26 01:43	1
2-Fluorophenol (Surr)	55		17 - 120	06/12/26 21:50	06/17/26 01:43	1
Nitrobenzene-d5 (Surr)	79		27 - 120	06/12/26 21:50	06/17/26 01:43	1
Phenol-d6 (Surr)	35		10 - 120	06/12/26 21:50	06/17/26 01:43	1
p-Terphenyl-d14 (Surr)	85		45 - 120	06/12/26 21:50	06/17/26 01:43	1

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

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	06/12/26 21:50	06/17/26 11:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		33 - 139	06/12/26 21:50	06/17/26 11:41	1
2-Fluorobiphenyl (Surr)	75		33 - 126	06/12/26 21:50	06/17/26 11:41	1
2-Fluorophenol (Surr)	54		12 - 120	06/12/26 21:50	06/17/26 11:41	1
Nitrobenzene-d5 (Surr)	90		36 - 120	06/12/26 21:50	06/17/26 11:41	1
Phenol-d6 (Surr)	31		10 - 120	06/12/26 21:50	06/17/26 11:41	1
p-Terphenyl-d14 (Surr)	80		47 - 131	06/12/26 21:50	06/17/26 11:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			06/17/26 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		38 - 134		06/17/26 15:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<26		26	ug/L		06/12/26 10:40	06/21/26 23:40	1
Motor Oil Range Organics [C24-C36]	<26		26	ug/L		06/12/26 10:40	06/21/26 23:40	1
C8-C18	<26		26	ug/L		06/12/26 10:40	06/21/26 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	86		60 - 130	06/12/26 10:40	06/21/26 23:40	1

Client Sample Results

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

Job ID: 380-218883-1
 SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218883-2

Date Collected: 06/08/26 09:30

Matrix: Water

Date Received: 06/10/26 09:24

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			06/17/26 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		38 - 134				06/17/26 14:15	1

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

Action Limit Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

**Client Sample ID: AIEA GULCH WELLS PUMP 1
(331-201-TP071)**
PWSID Number: HI0000331

Lab Sample ID: 380-218883-1

Compliance Check

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

Analyte	Result	Qualifier	Unit	EPAMCL Limit	RL	Method	Prep Type
Alachlor	<0.050		ug/L	2	0.050	525.2	Total/NA
Atrazine	<0.050		ug/L	3	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.020		ug/L	0.2	0.020	525.2	Total/NA
Bis(2-ethylhexyl) phthalate	<0.60		ug/L	6	0.60	525.2	Total/NA
Di(2-ethylhexyl)adipate	<0.60		ug/L	400	0.60	525.2	Total/NA
Endrin	<0.0099		ug/L	2	0.0099	525.2	Total/NA
Heptachlor	<0.0099	^3+	ug/L	0.4	0.0099	525.2	Total/NA
Heptachlor epoxide (isomer B)	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Hexachlorobenzene	<0.050		ug/L	1	0.050	525.2	Total/NA
Hexachlorocyclopentadiene	<0.050		ug/L	50	0.050	525.2	Total/NA
Lindane	<0.0099		ug/L	0.2	0.0099	525.2	Total/NA
Methoxychlor	<0.050		ug/L	40	0.050	525.2	Total/NA
Simazine	<0.050		ug/L	4	0.050	525.2	Total/NA
Benzo[a]pyrene	<0.20		ug/L	0.2	0.20	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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)
380-218883-1	AIEA GULCH WELLS PUMP 1 (	101	93	101

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)
380-218644-L-1-A MS	Matrix Spike	101	90	106
380-219486-BB-1-A DU	Duplicate	100	81	101
LCS 380-234091/23-A	Lab Control Sample	100	93	100
MB 380-234091/21-A	Method Blank	100	87	101
MRL 380-234091/22-A	Lab Control Sample	100	92	101

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

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-139)	FBP (33-126)	2FP (12-120)	NBZ (36-120)	PHL6 (10-120)	TPHd14 (47-131)
380-218883-1	AIEA GULCH WELLS PUMP 1 (	70	75	54	90	31	80

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (33-139)	FBP (33-126)	2FP (12-120)	NBZ (36-120)	PHL6 (10-120)	TPHd14 (47-131)
MB 570-753632/1-A	Method Blank	63	68	49	82	29	73

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

Surrogate Summary

Client: City & County of Honolulu

Job ID: 380-218883-1

Project/Site: RED-HILL

SDG: Weekly: Aiea Gulch Wells Pump 1

PHL6 = Phenol-d6 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
380-218883-1	AIEA GULCH WELLS PUMP 1 (	91	78	55	79	35	85

Surrogate Legend

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

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL6 = Phenol-d6 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
LCS 570-753632/2-A	Lab Control Sample	59	55	43	50	29	63
LCSD 570-753632/3-A	Lab Control Sample Dup	71	67	52	59	35	73
MB 570-753632/1-A	Method Blank	75	71	50	74	33	76

Surrogate Legend

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

FBP = 2-Fluorobiphenyl (Surr)

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL6 = Phenol-d6 (Surr)

TPHd14 = p-Terphenyl-d14 (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (38-134)
380-218883-1	AIEA GULCH WELLS PUMP 1 (	97

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)
380-218883-2	TB: AIEA GULCH WELLS PUMI	87
LCS 570-755498/4	Lab Control Sample	93
LCSD 570-755498/5	Lab Control Sample Dup	92
MB 570-755498/7	Method Blank	93
MRL 570-755498/6	Lab Control Sample	96

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Surrogate Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Drinking Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	OTCSN1 (60-130)
380-218883-1	AIEA GULCH WELLS PUMP 1 (	86

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)
LCS 570-753329/2-A	Lab Control Sample	95
LCSD 570-753329/3-A	Lab Control Sample Dup	80
MB 570-753329/1-A	Method Blank	89
MRL 570-753329/4-A	Lab Control Sample	85

Surrogate Legend

OTCSN = n-Octacosane (Surr)

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MB 380-234091/21-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 234091

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2,4'-DDD	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2,4'-DDE	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2,4'-DDT	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2,4-Dinitrotoluene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2,6-Dinitrotoluene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
2-Methylnaphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
4,4'-DDD	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
4,4'-DDE	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
4,4'-DDT	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Acenaphthene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Acenaphthylene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Acetochlor	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Alachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
alpha-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
alpha-Chlordane	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Anthracene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 12:44	1
Atrazine	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Benz(a)anthracene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Benzo[a]pyrene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 12:44	1
Benzo[b]fluoranthene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 12:44	1
Benzo[g,h,i]perylene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Benzo[k]fluoranthene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 12:44	1
beta-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Bis(2-ethylhexyl) phthalate	<0.59		0.59	ug/L		06/16/26 06:46	06/16/26 12:44	1
Bromacil	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Butachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Butylbenzylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 12:44	1
Chlorobenzilate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Chloroneb	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Chlorothalonil (Draconil, Bravo)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Chlorpyrifos	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Chrysene	<0.020		0.020	ug/L		06/16/26 06:46	06/16/26 12:44	1
delta-BHC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Di(2-ethylhexyl)adipate	<0.59		0.59	ug/L		06/16/26 06:46	06/16/26 12:44	1
Dibenz(a,h)anthracene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Diclorvos (DDVP)	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Dieldrin	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Diethylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 12:44	1
Dimethylphthalate	<0.50		0.50	ug/L		06/16/26 06:46	06/16/26 12:44	1
Di-n-butyl phthalate	<0.99		0.99	ug/L		06/16/26 06:46	06/16/26 12:44	1
Di-n-octyl phthalate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Endosulfan I (Alpha)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Endosulfan II (Beta)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Endosulfan sulfate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Endrin	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Endrin aldehyde	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
EPTC	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1

QC Sample Results

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

Job ID: 380-218883-1
 SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MB 380-234091/21-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 234091

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Fluorene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
gamma-Chlordane	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Heptachlor	<0.0099	^3+	0.0099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Heptachlor epoxide (isomer B)	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Hexachlorobenzene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Hexachlorocyclopentadiene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Indeno[1,2,3-cd]pyrene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Isophorone	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Lindane	<0.0099		0.0099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Malathion	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Methoxychlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Metolachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Molinate	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Naphthalene	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Parathion	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Pendimethalin (Penoxaline)	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Phenanthrene	<0.040		0.040	ug/L		06/16/26 06:46	06/16/26 12:44	1
Propachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Pyrene	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Simazine	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Terbacil	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Terbutylazine	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Thiobencarb	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1
Total Permethrin (mixed isomers)	<0.20		0.20	ug/L		06/16/26 06:46	06/16/26 12:44	1
trans-Nonachlor	<0.050		0.050	ug/L		06/16/26 06:46	06/16/26 12:44	1
Trifluralin	<0.099		0.099	ug/L		06/16/26 06:46	06/16/26 12:44	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Undecane	5.52	T J N	ug/L		3.24	1120-21-4	06/16/26 06:46	06/16/26 12:44	1
9-Octadecenamide, (Z)-	1.27	T J N	ug/L		8.10	301-02-0	06/16/26 06:46	06/16/26 12:44	1
9-Octadecenamide, (Z)-	0.705	T J N	ug/L		10.69	301-02-0	06/16/26 06:46	06/16/26 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Nitro-m-xylene	100		70 - 130	06/16/26 06:46	06/16/26 12:44	1
Perylene-d12	87		70 - 130	06/16/26 06:46	06/16/26 12:44	1
Triphenylphosphate	101		70 - 130	06/16/26 06:46	06/16/26 12:44	1

Lab Sample ID: LCS 380-234091/23-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
1-Methylnaphthalene	1.99	2.04		ug/L		103	70 - 130
2,4'-DDD	1.99	2.05		ug/L		103	70 - 130
2,4'-DDE	1.99	2.18		ug/L		109	70 - 130
2,4'-DDT	1.99	2.38		ug/L		119	70 - 130
2,4-Dinitrotoluene	1.99	2.46		ug/L		124	70 - 130

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QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: LCS 380-234091/23-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	1.99	2.38		ug/L		119	70 - 130
2-Methylnaphthalene	1.99	2.06		ug/L		104	70 - 130
4,4'-DDD	1.99	2.02		ug/L		102	70 - 130
4,4'-DDE	1.99	1.99		ug/L		100	70 - 130
4,4'-DDT	1.99	2.39		ug/L		120	70 - 130
Acenaphthene	1.99	2.05		ug/L		103	70 - 130
Acenaphthylene	1.99	2.12		ug/L		106	70 - 130
Acetochlor	1.99	2.18		ug/L		109	70 - 130
Alachlor	1.99	2.10		ug/L		105	70 - 130
alpha-BHC	1.99	2.07		ug/L		104	70 - 130
alpha-Chlordane	1.99	2.02		ug/L		101	70 - 130
Anthracene	1.99	2.01		ug/L		101	70 - 130
Atrazine	1.99	2.22		ug/L		112	70 - 130
Benz(a)anthracene	1.99	2.04		ug/L		103	70 - 130
Benzo[a]pyrene	1.99	1.98		ug/L		100	70 - 130
Benzo[b]fluoranthene	1.99	1.94		ug/L		98	70 - 130
Benzo[g,h,i]perylene	1.99	1.97		ug/L		99	70 - 130
Benzo[k]fluoranthene	1.99	2.02		ug/L		101	70 - 130
beta-BHC	1.99	2.12		ug/L		107	70 - 130
Bis(2-ethylhexyl) phthalate	1.99	1.70		ug/L		85	70 - 130
Bromacil	1.99	2.20		ug/L		110	70 - 130
Butachlor	1.99	2.12		ug/L		107	70 - 130
Butylbenzylphthalate	1.99	2.13		ug/L		107	70 - 130
Chlorobenzilate	1.99	2.29		ug/L		115	70 - 130
Chloroneb	1.99	2.10		ug/L		105	70 - 130
Chlorothalonil (Draconil, Bravo)	1.99	2.17		ug/L		109	70 - 130
Chlorpyrifos	1.99	2.12		ug/L		106	70 - 130
Chrysene	1.99	2.12		ug/L		107	70 - 130
delta-BHC	1.99	2.07		ug/L		104	70 - 130
Di(2-ethylhexyl)adipate	1.99	1.99		ug/L		100	70 - 130
Dibenz(a,h)anthracene	1.99	1.87		ug/L		94	70 - 130
Diclorvos (DDVP)	1.99	2.20		ug/L		110	70 - 130
Dieldrin	1.99	2.04		ug/L		102	70 - 130
Diethylphthalate	1.99	2.29		ug/L		115	70 - 130
Dimethylphthalate	1.99	2.17		ug/L		109	70 - 130
Di-n-butyl phthalate	3.98	4.10		ug/L		103	70 - 130
Di-n-octyl phthalate	1.99	1.64		ug/L		82	70 - 130
Endosulfan I (Alpha)	1.99	1.89		ug/L		95	70 - 130
Endosulfan II (Beta)	1.99	2.08		ug/L		105	70 - 130
Endosulfan sulfate	1.99	2.10		ug/L		105	70 - 130
Endrin	1.99	2.58		ug/L		130	70 - 130
Endrin aldehyde	1.99	2.00		ug/L		100	60 - 130
EPTC	1.99	2.22		ug/L		111	70 - 130
Fluoranthene	1.99	2.13		ug/L		107	70 - 130
Fluorene	1.99	2.16		ug/L		109	70 - 130
gamma-Chlordane	1.99	2.07		ug/L		104	70 - 130
Heptachlor	1.99	2.38		ug/L		119	70 - 130
Heptachlor epoxide (isomer B)	1.99	2.07		ug/L		104	70 - 130
Hexachlorobenzene	1.99	2.20		ug/L		110	70 - 130

Eurofins Pomona

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: LCS 380-234091/23-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorocyclopentadiene	1.99	2.28		ug/L		114	70 - 130
Indeno[1,2,3-cd]pyrene	1.99	1.91		ug/L		96	70 - 130
Isophorone	1.99	1.96		ug/L		98	70 - 130
Lindane	1.99	2.20		ug/L		110	70 - 130
Malathion	1.99	2.16		ug/L		108	70 - 130
Methoxychlor	1.99	2.38		ug/L		120	70 - 130
Metolachlor	1.99	2.11		ug/L		106	70 - 130
Molinate	1.99	2.26		ug/L		114	70 - 130
Naphthalene	1.99	2.01		ug/L		101	70 - 130
Parathion	1.99	2.46		ug/L		124	70 - 130
Pendimethalin (Penoxaline)	1.99	2.54		ug/L		128	70 - 130
Phenanthrene	1.99	2.03		ug/L		102	70 - 130
Propachlor	1.99	2.35		ug/L		118	70 - 130
Pyrene	1.99	2.18		ug/L		110	70 - 130
Simazine	1.99	2.11		ug/L		106	70 - 130
Terbacil	1.99	2.45		ug/L		123	70 - 130
Terbutylazine	1.99	2.16		ug/L		108	70 - 130
Thiobencarb	1.99	2.05		ug/L		103	70 - 130
trans-Nonachlor	1.99	1.98		ug/L		99	70 - 130
Trifluralin	1.99	2.31		ug/L		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Nitro-m-xylene	100		70 - 130
Perylene-d12	93		70 - 130
Triphenylphosphate	100		70 - 130

Lab Sample ID: MRL 380-234091/22-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	0.0995	0.110		ug/L		110	50 - 150
2,4'-DDD	0.0995	0.100		ug/L		101	50 - 150
2,4'-DDE	0.0995	0.101		ug/L		102	50 - 150
2,4'-DDT	0.0995	0.138		ug/L		139	50 - 150
2,4-Dinitrotoluene	0.0995	0.133		ug/L		133	50 - 150
2,6-Dinitrotoluene	0.0995	0.130		ug/L		131	50 - 150
2-Methylnaphthalene	0.0995	0.111		ug/L		112	50 - 150
4,4'-DDD	0.0995	0.111		ug/L		111	50 - 150
4,4'-DDE	0.0995	0.111		ug/L		112	50 - 150
4,4'-DDT	0.0995	0.140		ug/L		141	50 - 150
Acenaphthene	0.0995	0.102		ug/L		103	50 - 150
Acenaphthylene	0.0995	0.0987	J	ug/L		99	50 - 150
Acetochlor	0.0995	0.115		ug/L		116	50 - 150
Alachlor	0.0497	0.0588		ug/L		118	50 - 150
alpha-BHC	0.0995	0.104		ug/L		105	50 - 150
alpha-Chlordane	0.0249	<0.029		ug/L		114	50 - 150
Anthracene	0.0199	0.0215		ug/L		108	50 - 150

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MRL 380-234091/22-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Atrazine	0.0497	0.0618		ug/L		124	50 - 150
Benz(a)anthracene	0.0497	0.0512		ug/L		103	50 - 150
Benzo[a]pyrene	0.0199	0.0215		ug/L		108	50 - 150
Benzo[b]fluoranthene	0.0199	0.0218		ug/L		109	50 - 150
Benzo[g,h,i]perylene	0.0497	0.0532		ug/L		107	50 - 150
Benzo[k]fluoranthene	0.0199	0.0234		ug/L		117	50 - 150
beta-BHC	0.0995	0.107		ug/L		108	50 - 150
Bis(2-ethylhexyl) phthalate	0.597	0.562	J	ug/L		94	50 - 150
Bromacil	0.0995	0.136		ug/L		137	50 - 150
Butachlor	0.0497	0.0653		ug/L		131	50 - 150
Butylbenzylphthalate	0.497	0.565		ug/L		114	50 - 150
Chlorobenzilate	0.0995	0.129		ug/L		130	50 - 150
Chloroneb	0.0995	0.108		ug/L		109	50 - 150
Chlorothalonil (Draconil, Bravo)	0.0995	0.121		ug/L		122	50 - 150
Chlorpyrifos	0.0497	0.0541		ug/L		109	50 - 150
Chrysene	0.0199	0.0237		ug/L		119	50 - 150
delta-BHC	0.0995	0.106		ug/L		106	50 - 150
Di(2-ethylhexyl)adipate	0.597	0.650		ug/L		109	50 - 150
Dibenz(a,h)anthracene	0.0497	0.0483	J	ug/L		97	50 - 150
Diclorvos (DDVP)	0.0497	0.0553		ug/L		111	50 - 150
Dieldrin	0.00995	0.0127		ug/L		127	50 - 150
Diethylphthalate	0.497	0.598		ug/L		120	50 - 150
Dimethylphthalate	0.497	0.560		ug/L		113	50 - 150
Di-n-butyl phthalate	0.497	0.542	J	ug/L		109	49 - 243
Di-n-octyl phthalate	0.0995	0.0927	J	ug/L		93	50 - 150
Endosulfan I (Alpha)	0.0995	0.0843	J	ug/L		85	50 - 150
Endosulfan II (Beta)	0.0995	0.105		ug/L		106	50 - 150
Endosulfan sulfate	0.0995	0.116		ug/L		117	50 - 150
Endrin	0.00995	0.0146		ug/L		147	50 - 150
Endrin aldehyde	0.0995	0.124		ug/L		124	50 - 150
EPTC	0.0995	0.108		ug/L		108	50 - 150
Fluoranthene	0.0995	0.101		ug/L		101	50 - 150
Fluorene	0.0497	0.0544		ug/L		109	50 - 150
gamma-Chlordane	0.0249	0.0274	J	ug/L		110	50 - 150
Heptachlor	0.00995	0.0155	^3+	ug/L		156	50 - 150
Heptachlor epoxide (isomer B)	0.00995	0.0143		ug/L		144	50 - 150
Hexachlorobenzene	0.0497	0.0530		ug/L		107	50 - 150
Hexachlorocyclopentadiene	0.0497	0.0611		ug/L		123	50 - 150
Indeno[1,2,3-cd]pyrene	0.0497	0.0487	J	ug/L		98	50 - 150
Isophorone	0.0995	0.0955	J	ug/L		96	50 - 150
Lindane	0.00995	0.0139		ug/L		140	50 - 150
Malathion	0.0995	0.129		ug/L		130	50 - 150
Methoxychlor	0.0497	0.0677		ug/L		136	50 - 150
Metolachlor	0.0497	0.0622		ug/L		125	50 - 150
Molinate	0.0995	0.113		ug/L		114	50 - 150
Naphthalene	0.0995	0.106		ug/L		106	50 - 150
Parathion	0.0995	0.116		ug/L		116	50 - 150
Pendimethalin (Penoxaline)	0.0995	0.133		ug/L		134	50 - 150
Phenanthrene	0.0398	0.0432		ug/L		109	50 - 150

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QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MRL 380-234091/22-A
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Propachlor	0.0497	0.0615		ug/L		124	50 - 150
Pyrene	0.0497	0.0498	J	ug/L		100	50 - 150
Simazine	0.0497	0.0562		ug/L		113	50 - 150
Terbacil	0.0995	0.137		ug/L		138	50 - 150
Terbutylazine	0.0995	0.117		ug/L		118	50 - 150
Thiobencarb	0.0995	0.113		ug/L		114	50 - 150
trans-Nonachlor	0.0249	0.0309	J	ug/L		124	50 - 150
Trifluralin	0.0995	0.127		ug/L		128	50 - 150
Surrogate							
Surrogate	MRL %Recovery	MRL Qualifier	Limits				
2-Nitro-m-xylene	100		70 - 130				
Perylene-d12	92		70 - 130				
Triphenylphosphate	101		70 - 130				

Lab Sample ID: 380-218644-L-1-A MS
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.098		1.94	2.00		ug/L		102	70 - 130
2,4'-DDD	<0.098		1.94	1.99		ug/L		103	70 - 130
2,4'-DDE	<0.098		1.94	1.93		ug/L		99	70 - 130
2,4'-DDT	<0.098		1.94	2.04		ug/L		105	70 - 130
2,4-Dinitrotoluene	<0.098		1.94	2.47		ug/L		127	70 - 130
2,6-Dinitrotoluene	<0.098		1.94	2.40		ug/L		123	70 - 130
2-Methylnaphthalene	<0.098		1.94	2.00		ug/L		103	70 - 130
4,4'-DDD	<0.098		1.94	1.93		ug/L		100	70 - 130
4,4'-DDE	<0.098		1.94	1.66		ug/L		86	70 - 130
4,4'-DDT	<0.098		1.94	2.03		ug/L		105	70 - 130
Acenaphthene	<0.098		1.94	1.99		ug/L		102	70 - 130
Acenaphthylene	<0.098		1.94	2.08		ug/L		107	70 - 130
Acetochlor	<0.098		1.94	2.17		ug/L		112	70 - 130
Alachlor	<0.049		1.94	2.15		ug/L		111	70 - 130
alpha-BHC	<0.098		1.94	2.04		ug/L		105	70 - 130
alpha-Chlordane	<0.049		1.94	2.00		ug/L		103	70 - 130
Anthracene	<0.020		1.94	1.79		ug/L		92	70 - 130
Atrazine	<0.049		1.94	2.23		ug/L		115	70 - 130
Benz(a)anthracene	<0.049		1.94	1.85		ug/L		95	70 - 130
Benzo[a]pyrene	<0.020		1.94	2.08		ug/L		107	70 - 130
Benzo[b]fluoranthene	<0.020		1.94	2.30		ug/L		118	70 - 130
Benzo[g,h,i]perylene	<0.049		1.94	1.88		ug/L		97	70 - 130
Benzo[k]fluoranthene	<0.020		1.94	2.21		ug/L		114	70 - 130
beta-BHC	<0.098		1.94	2.09		ug/L		107	70 - 130
Bis(2-ethylhexyl) phthalate	<0.59		1.94	1.69		ug/L		87	70 - 130
Bromacil	<0.098		1.94	2.33		ug/L		120	70 - 130
Butachlor	<0.049		1.94	2.19		ug/L		113	70 - 130
Butylbenzylphthalate	<0.49		1.94	2.16		ug/L		111	70 - 130
Chlorobenzilate	<0.098		1.94	2.36		ug/L		121	70 - 130

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218644-L-1-A MS
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 234091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroneb	<0.098		1.94	2.07		ug/L		106	70 - 130
Chlorothalonil (Draconil, Bravo)	<0.098		1.94	2.24		ug/L		115	70 - 130
Chlorpyrifos	<0.049		1.94	2.14		ug/L		110	70 - 130
Chrysene	<0.020	F1	1.94	2.56	F1	ug/L		132	70 - 130
delta-BHC	<0.098		1.94	2.09		ug/L		108	70 - 130
Di(2-ethylhexyl)adipate	<0.59		1.94	1.43		ug/L		73	70 - 130
Dibenz(a,h)anthracene	<0.049		1.94	1.79		ug/L		92	70 - 130
Diclorvos (DDVP)	<0.049		1.94	2.20		ug/L		113	70 - 130
Dieldrin	<0.0098		1.94	2.04		ug/L		105	70 - 130
Diethylphthalate	<0.49		1.94	2.27		ug/L		117	70 - 130
Dimethylphthalate	<0.49		1.94	2.16		ug/L		111	70 - 130
Di-n-butyl phthalate	<0.98		3.89	4.22		ug/L		109	70 - 130
Di-n-octyl phthalate	<0.098		1.94	1.62		ug/L		83	70 - 130
Endosulfan I (Alpha)	<0.098		1.94	1.96		ug/L		101	70 - 130
Endosulfan II (Beta)	<0.098		1.94	2.02		ug/L		104	70 - 130
Endosulfan sulfate	<0.098		1.94	2.17		ug/L		112	70 - 130
Endrin	<0.0098	F1	1.94	2.65	F1	ug/L		137	70 - 130
Endrin aldehyde	<0.098		1.94	1.91		ug/L		98	60 - 130
EPTC	<0.098		1.94	2.16		ug/L		111	70 - 130
Fluoranthene	<0.098		1.94	2.11		ug/L		109	70 - 130
Fluorene	<0.049		1.94	2.11		ug/L		109	70 - 130
gamma-Chlordane	<0.049		1.94	1.98		ug/L		102	70 - 130
Heptachlor	<0.0098	^3+	1.94	2.38		ug/L		123	70 - 130
Heptachlor epoxide (isomer B)	<0.0098		1.94	2.10		ug/L		108	70 - 130
Hexachlorobenzene	<0.049		1.94	2.08		ug/L		107	70 - 130
Hexachlorocyclopentadiene	<0.049		1.94	2.29		ug/L		118	70 - 130
Indeno[1,2,3-cd]pyrene	<0.049		1.94	1.86		ug/L		96	70 - 130
Isophorone	<0.098		1.94	1.96		ug/L		101	70 - 130
Lindane	<0.0098		1.94	2.20		ug/L		113	70 - 130
Malathion	<0.098		1.94	2.22		ug/L		114	70 - 130
Methoxychlor	<0.049	F1	1.94	3.35	F1	ug/L		172	70 - 130
Metolachlor	<0.049		1.94	2.14		ug/L		110	70 - 130
Molinate	<0.098		1.94	2.24		ug/L		115	70 - 130
Naphthalene	<0.098		1.94	1.97		ug/L		101	70 - 130
Parathion	<0.098		1.94	2.52		ug/L		130	70 - 130
Pendimethalin (Penoxaline)	<0.098	F1	1.94	2.60	F1	ug/L		134	70 - 130
Phenanthrene	<0.039		1.94	2.01		ug/L		104	70 - 130
Propachlor	<0.049		1.94	2.36		ug/L		121	70 - 130
Pyrene	<0.049		1.94	2.15		ug/L		111	70 - 130
Simazine	<0.049		1.94	2.11		ug/L		108	70 - 130
Terbacil	<0.098	F1	1.94	2.66	F1	ug/L		137	70 - 130
Terbutylazine	<0.098		1.94	2.19		ug/L		113	70 - 130
Thiobencarb	<0.098		1.94	2.07		ug/L		107	70 - 130
trans-Nonachlor	<0.049		1.94	1.84		ug/L		95	70 - 130
Trifluralin	<0.098		1.94	2.31		ug/L		119	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
2-Nitro-m-xylene	101		70 - 130

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QC Sample Results

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

Job ID: 380-218883-1
 SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218644-L-1-A MS
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 234091

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
Perylene-d12	90		70 - 130
Triphenylphosphate	106		70 - 130

Lab Sample ID: 380-219486-BB-1-A DU
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 234091

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

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-219486-BB-1-A DU
Matrix: Water
Analysis Batch: 234159

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 234091

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

Surrogate	DU %Recovery	DU Qualifier	Limits
2-Nitro-m-xylene	100		70 - 130
Perylene-d12	81		70 - 130
Triphenylphosphate	101		70 - 130

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MB 570-753632/1-A
Matrix: Water
Analysis Batch: 755484

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753632

<i>Tentatively Identified Compound</i>	<i>MB</i>	<i>MB</i>	<i>Unit</i>	<i>D</i>	<i>RT</i>	<i>CAS No.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
<i>Tentatively Identified Compound</i>	None		ug/L			N/A	06/12/26 21:50	06/17/26 11:19	1

<i>Surrogate</i>	<i>MB</i>	<i>MB</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	<i>%Recovery</i>	<i>Qualifier</i>				
<i>2,4,6-Tribromophenol (Surr)</i>	63		33 - 139	06/12/26 21:50	06/17/26 11:19	1
<i>2-Fluorobiphenyl (Surr)</i>	68		33 - 126	06/12/26 21:50	06/17/26 11:19	1
<i>2-Fluorophenol (Surr)</i>	49		12 - 120	06/12/26 21:50	06/17/26 11:19	1
<i>Nitrobenzene-d5 (Surr)</i>	82		36 - 120	06/12/26 21:50	06/17/26 11:19	1
<i>Phenol-d6 (Surr)</i>	29		10 - 120	06/12/26 21:50	06/17/26 11:19	1
<i>p-Terphenyl-d14 (Surr)</i>	73		47 - 131	06/12/26 21:50	06/17/26 11:19	1

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

Lab Sample ID: MB 570-753632/1-A
Matrix: Water
Analysis Batch: 754628

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753632

<i>Analyte</i>	<i>MB</i>	<i>MB</i>	<i>RL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	<i>Result</i>	<i>Qualifier</i>						
<i>1-Methylnaphthalene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>2-Methylnaphthalene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Acenaphthene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Acenaphthylene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Anthracene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Benzo[a]anthracene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Benzo[a]pyrene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Benzo[b]fluoranthene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Benzo[g,h,i]perylene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Benzo[k]fluoranthene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Chrysene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Dibenz(a,h)anthracene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Fluoranthene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Fluorene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Indeno[1,2,3-cd]pyrene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Naphthalene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Phenanthrene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1
<i>Pyrene</i>	<0.20		0.20	ug/L		06/12/26 21:50	06/15/26 23:14	1

<i>Surrogate</i>	<i>MB</i>	<i>MB</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
	<i>%Recovery</i>	<i>Qualifier</i>				
<i>2,4,6-Tribromophenol (Surr)</i>	75		28 - 127	06/12/26 21:50	06/15/26 23:14	1
<i>2-Fluorobiphenyl (Surr)</i>	71		31 - 120	06/12/26 21:50	06/15/26 23:14	1
<i>2-Fluorophenol (Surr)</i>	50		17 - 120	06/12/26 21:50	06/15/26 23:14	1
<i>Nitrobenzene-d5 (Surr)</i>	74		27 - 120	06/12/26 21:50	06/15/26 23:14	1
<i>Phenol-d6 (Surr)</i>	33		10 - 120	06/12/26 21:50	06/15/26 23:14	1
<i>p-Terphenyl-d14 (Surr)</i>	76		45 - 120	06/12/26 21:50	06/15/26 23:14	1

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: LCS 570-753632/2-A
Matrix: Water
Analysis Batch: 754835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753632

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
1-Methylnaphthalene	20.0	9.91		ug/L		50	47 - 120	
2-Methylnaphthalene	20.0	9.17		ug/L		46	43 - 120	
Acenaphthene	20.0	10.8	*-	ug/L		54	60 - 132	
Acenaphthylene	20.0	11.0		ug/L		55	54 - 126	
Anthracene	20.0	10.9		ug/L		54	43 - 120	
Benzo[a]anthracene	20.0	11.4		ug/L		57	42 - 133	
Benzo[a]pyrene	20.0	10.7		ug/L		54	32 - 148	
Benzo[b]fluoranthene	20.0	10.8		ug/L		54	42 - 140	
Benzo[g,h,i]perylene	20.0	10.5		ug/L		53	1 - 195	
Benzo[k]fluoranthene	20.0	10.7		ug/L		53	25 - 146	
Chrysene	20.0	11.0		ug/L		55	44 - 140	
Dibenz(a,h)anthracene	20.0	11.3		ug/L		57	1 - 200	
Fluoranthene	20.0	10.4		ug/L		52	43 - 121	
Fluorene	20.0	10.8	*-	ug/L		54	70 - 120	
Indeno[1,2,3-cd]pyrene	20.0	11.2		ug/L		56	1 - 151	
Naphthalene	20.0	9.10		ug/L		45	36 - 120	
Phenanthrene	20.0	10.8	*-	ug/L		54	65 - 120	
Pyrene	20.0	12.4	*-	ug/L		62	70 - 120	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2,4,6-Tribromophenol (Surr)	59		28 - 127
2-Fluorobiphenyl (Surr)	55		31 - 120
2-Fluorophenol (Surr)	43		17 - 120
Nitrobenzene-d5 (Surr)	50		27 - 120
Phenol-d6 (Surr)	29		10 - 120
p-Terphenyl-d14 (Surr)	63		45 - 120

Lab Sample ID: LCSD 570-753632/3-A
Matrix: Water
Analysis Batch: 754835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 753632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
1-Methylnaphthalene	20.0	11.9		ug/L		60	47 - 120	18	20	
2-Methylnaphthalene	20.0	11.2		ug/L		56	43 - 120	20	20	
Acenaphthene	20.0	13.4		ug/L		67	60 - 132	21	29	
Acenaphthylene	20.0	13.7		ug/L		69	54 - 126	22	45	
Anthracene	20.0	13.5		ug/L		68	43 - 120	22	40	
Benzo[a]anthracene	20.0	14.2		ug/L		71	42 - 133	22	32	
Benzo[a]pyrene	20.0	13.9		ug/L		70	32 - 148	26	43	
Benzo[b]fluoranthene	20.0	13.9		ug/L		69	42 - 140	25	43	
Benzo[g,h,i]perylene	20.0	13.5		ug/L		67	1 - 195	25	61	
Benzo[k]fluoranthene	20.0	13.7		ug/L		69	25 - 146	25	38	
Chrysene	20.0	13.7		ug/L		68	44 - 140	22	53	
Dibenz(a,h)anthracene	20.0	14.3		ug/L		72	1 - 200	23	75	
Fluoranthene	20.0	13.2		ug/L		66	43 - 121	23	40	
Fluorene	20.0	13.5	*-	ug/L		67	70 - 120	22	23	
Indeno[1,2,3-cd]pyrene	20.0	14.1		ug/L		70	1 - 151	23	60	
Naphthalene	20.0	11.1		ug/L		56	36 - 120	20	39	

Eurofins Pomona

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: LCSD 570-753632/3-A
Matrix: Water
Analysis Batch: 754835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 753632

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene	20.0	13.5		ug/L		67	65 - 120	23	24
Pyrene	20.0	14.8		ug/L		74	70 - 120	18	30
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
2,4,6-Tribromophenol (Surr)	71		28 - 127						
2-Fluorobiphenyl (Surr)	67		31 - 120						
2-Fluorophenol (Surr)	52		17 - 120						
Nitrobenzene-d5 (Surr)	59		27 - 120						
Phenol-d6 (Surr)	35		10 - 120						
p-Terphenyl-d14 (Surr)	73		45 - 120						

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

Lab Sample ID: MB 570-755498/7
Matrix: Water
Analysis Batch: 755498

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

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10	ug/L			06/17/26 12:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	93		38 - 134		06/17/26 12:30	1		

Lab Sample ID: LCS 570-755498/4
Matrix: Water
Analysis Batch: 755498

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	441		ug/L		110	78 - 120		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		38 - 134						

Lab Sample ID: LCSD 570-755498/5
Matrix: Water
Analysis Batch: 755498

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	400	481		ug/L		120	78 - 120	9	10
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		38 - 134						

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MRL 570-755498/6
Matrix: Water
Analysis Batch: 755498

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

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	10.0	13.3		ug/L		133	50 - 150
Surrogate	%Recovery	MRL Qualifier	MRL	Limits			
4-Bromofluorobenzene (Surr)	96			38 - 134			

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

Lab Sample ID: MB 570-753329/1-A
Matrix: Water
Analysis Batch: 757614

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753329

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25	ug/L		06/12/26 10:40	06/21/26 22:36	1
Motor Oil Range Organics [C24-C36]	<25		25	ug/L		06/12/26 10:40	06/21/26 22:36	1
C8-C18	<25		25	ug/L		06/12/26 10:40	06/21/26 22:36	1
Surrogate	%Recovery	MB Qualifier	MB	Limits		Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	89			60 - 130		06/12/26 10:40	06/21/26 22:36	1

Lab Sample ID: LCS 570-753329/2-A
Matrix: Water
Analysis Batch: 757614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	1600	1980		ug/L		124	56 - 127
Surrogate	%Recovery	LCS Qualifier	LCS	Limits			
n-Octacosane (Surr)	95			60 - 130			

Lab Sample ID: LCSD 570-753329/3-A
Matrix: Water
Analysis Batch: 757614

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 753329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	1600	1730		ug/L		108	56 - 127	14	23
Surrogate	%Recovery	LCSD Qualifier	LCSD	Limits					
n-Octacosane (Surr)	80			60 - 130					

Lab Sample ID: MRL 570-753329/4-A
Matrix: Water
Analysis Batch: 757614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753329

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
C10-C28	0.0200	0.0273		mg/L		137	50 - 150

QC Sample Results

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: MRL 570-753329/4-A
Matrix: Water
Analysis Batch: 757614

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753329

<i>Surrogate</i>	<i>%Recovery</i>	<i>MRL MRL Qualifier</i>	<i>Limits</i>
<i>n-Octacosane (Surr)</i>	85		60 - 130

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QC Association Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

GC/MS Semi VOA

Prep Batch: 234091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	
MB 380-234091/21-A	Method Blank	Total/NA	Water	525.2	
LCS 380-234091/23-A	Lab Control Sample	Total/NA	Water	525.2	
MRL 380-234091/22-A	Lab Control Sample	Total/NA	Water	525.2	
380-218644-L-1-A MS	Matrix Spike	Total/NA	Water	525.2	
380-219486-BB-1-A DU	Duplicate	Total/NA	Water	525.2	

Analysis Batch: 234159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	525.2	234091
MB 380-234091/21-A	Method Blank	Total/NA	Water	525.2	234091
LCS 380-234091/23-A	Lab Control Sample	Total/NA	Water	525.2	234091
MRL 380-234091/22-A	Lab Control Sample	Total/NA	Water	525.2	234091
380-218644-L-1-A MS	Matrix Spike	Total/NA	Water	525.2	234091
380-219486-BB-1-A DU	Duplicate	Total/NA	Water	525.2	234091

Prep Batch: 753632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	
MB 570-753632/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-753632/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-753632/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 754628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-753632/1-A	Method Blank	Total/NA	Water	625.1 SIM	753632

Analysis Batch: 754835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-753632/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	753632
LCSD 570-753632/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	753632

Analysis Batch: 755136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1 SIM	753632

Analysis Batch: 755484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	625.1	753632
MB 570-753632/1-A	Method Blank	Total/NA	Water	625.1	753632

GC VOA

Analysis Batch: 755498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B GRO LL	
380-218883-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TPC	Total/NA	Water	8015B GRO LL	
MB 570-755498/7	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-755498/4	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-755498/5	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-755498/6	Lab Control Sample	Total/NA	Water	8015B GRO LL	

QC Association Summary

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

Job ID: 380-218883-1
 SDG: Weekly: Aiea Gulch Wells Pump 1

GC Semi VOA

Prep Batch: 753329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	3510C	
MB 570-753329/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-753329/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-753329/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-753329/4-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 757614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Total/NA	Drinking Water	8015B	753329
MB 570-753329/1-A	Method Blank	Total/NA	Water	8015B	753329
LCS 570-753329/2-A	Lab Control Sample	Total/NA	Water	8015B	753329
LCSD 570-753329/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	753329
MRL 570-753329/4-A	Lab Control Sample	Total/NA	Water	8015B	753329



Lab Chronicle

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Lab Sample ID: 380-218883-1

Date Collected: 06/08/26 09:30

Matrix: Drinking Water

Date Received: 06/10/26 09:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	525.2			234091	OTM3	EA POM	06/16/26 06:46
Total/NA	Analysis	525.2		1	234159	UPAC	EA POM	06/16/26 15:48
Total/NA	Prep	625.1			753632	TIZL	EET CAL 4	06/12/26 21:50
Total/NA	Analysis	625.1		1	755484	J7WE	EET CAL 4	06/17/26 11:41
Total/NA	Prep	625.1			753632	TIZL	EET CAL 4	06/12/26 21:50
Total/NA	Analysis	625.1 SIM		1	755136	S4EA	EET CAL 4	06/17/26 01:43
Total/NA	Analysis	8015B GRO LL		1	755498	A9VE	EET CAL 4	06/17/26 15:01
Total/NA	Prep	3510C			753329	EP2G	EET CAL 4	06/12/26 10:40
Total/NA	Analysis	8015B		1	757614	H6FE	EET CAL 4	06/21/26 23:40

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

Lab Sample ID: 380-218883-2

Date Collected: 06/08/26 09:30

Matrix: Water

Date Received: 06/10/26 09:24

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	755498	A9VE	EET CAL 4	06/17/26 14:15

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: 380-218883-1
 SDG: Weekly: Aiea Gulch Wells Pump 1

Laboratory: Eurofins Pomona

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

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

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

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

Laboratory: Eurofins Calscience

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

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

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

Accreditation/Certification Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Laboratory: Eurofins Calscience (Continued)

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

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

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Method Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

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

Protocol References:

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

EPA = US Environmental Protection Agency

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

Laboratory References:

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

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

Sample Summary

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

Job ID: 380-218883-1
SDG: Weekly: Aiea Gulch Wells Pump 1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-218883-1	AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Drinking Water	06/08/26 09:30	06/10/26 09:24	HI0000331
380-218883-2	TB: AIEA GULCH WELLS PUMP 1 (331-201-TP071)	Water	06/08/26 09:30	06/10/26 09:24	

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

SHIP DATE: 09JUN26
ACTWGT 62.00 LB
CAD: 258050552/INET4535
BILL RECIPIENT

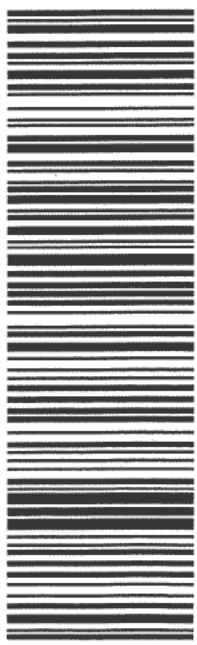
58KJ5/6A57/4848

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

POMONA CA 91768
REF (626) 386-1100
INV: PO: DEPT:



4 of 4
MPS# 8728 5743 4067
Mstr# 8728 5743 4034
WED - 10 JUN 10:30A
PRIORITY OVERNIGHT
WM ONTA
0263 0201
91768
CA-US ONT



After printing this label
CONSIGNEE COPY - PLEASE PLACE IN FRONT OF POUCH
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Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-218883-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 218883

List Number: 1

Creator: Tran, Kristine

List Source: Eurofins Pomona

Question	Answer	Comment
The coolers custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
Samples were received on ice.	True	
Cooler(s) Temperature is acceptable.	True	
Cooler(s) Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and is legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
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: 380-218883-1
SDG Number: Weekly: Aiea Gulch Wells Pump 1

Login Number: 218883

List Number: 2

Creator: Khana, Piyush

List Source: Eurofins Calscience

List Creation: 06/10/26 07:00 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	1.8
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	fgf5
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	