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ANALYTICAL REPORT

PREPARED FOR

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Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
Weekly: Aiea Gulch Wells Pump 2
RUSH Weekly Red Hill

JOB NUMBER

380-244784-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

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Job Notes

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

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

Compliance Statement

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

Authorization



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Definitions/Glossary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
380-244784-1

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 10/28/2026 10:00 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 0.6°C.

GC/MS Semi VOA
Method 525.2: The laboratory control sample (LCS) for preparation batch 380-262255 and analytical batch 380-262455 recovered outside control limits for flagged analytes. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. Spiking mixes in extractions may have concentrated leading to high bias concentrations. No backup volume exists to re-extract the sample. Results by method 525.2 for Aiea Gulch Wells Pump 2 (331-202-TP072) collected on 10/26/26 are not acceptable for compliance reporting due to QC failures of LCS recoveries not meeting the method limits. Analysis has been omitted. The sample is collected weekly thus follow up sample was collected on 11/2/26 under job # 380-246373-1. Analysis by method 525.2 is currently in progress. (XWB4)

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

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

Diesel Range Organics
Method 8015B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-824865 and analytical batch 570-828440 recovered outside control limits for the following analytes: C10-C28.
Laboratory control sample / laboratory control sample duplicate (LCS/LCSD) percent recovery is in control for affected analytes.

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-824865 and analytical batch 570-828440 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.

Detection Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-1

PWSID Number: HI0000331

No Detections.

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-1

Date Collected: 10/26/26 11:43
Date Received: 10/28/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
2-Methylnaphthalene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Acenaphthene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Acenaphthylene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Anthracene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Benzo[a]anthracene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Benzo[a]pyrene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Chrysene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Fluoranthene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Fluorene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Naphthalene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Phenanthrene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1
Pyrene	<0.19		0.19		ug/L		11/01/26 09:26	11/06/26 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*28 - 127*	*11/01/26 09:26*	*11/06/26 19:16*	*1*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*	*11/01/26 09:26*	*11/06/26 19:16*	*1*
2-Fluorophenol (Surr)	*46*		*17 - 120*	*11/01/26 09:26*	*11/06/26 19:16*	*1*
Nitrobenzene-d5 (Surr)	*83*		*27 - 120*	*11/01/26 09:26*	*11/06/26 19:16*	*1*
Phenol-d6 (Surr)	*29*		*10 - 120*	*11/01/26 09:26*	*11/06/26 19:16*	*1*
p-Terphenyl-d14 (Surr)	*71*		*45 - 120*	*11/01/26 09:26*	*11/06/26 19:16*	*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*	*11/01/26 09:26*	*11/10/26 14:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*33 - 139*	*11/01/26 09:26*	*11/10/26 14:38*	*1*
2-Fluorobiphenyl (Surr)	*88*		*33 - 126*	*11/01/26 09:26*	*11/10/26 14:38*	*1*
2-Fluorophenol (Surr)	*59*		*12 - 120*	*11/01/26 09:26*	*11/10/26 14:38*	*1*
Nitrobenzene-d5 (Surr)	*94*		*36 - 120*	*11/01/26 09:26*	*11/10/26 14:38*	*1*
Phenol-d6 (Surr)	*39*		*10 - 120*	*11/01/26 09:26*	*11/10/26 14:38*	*1*
p-Terphenyl-d14 (Surr)	*89*		*47 - 131*	*11/01/26 09:26*	*11/10/26 14:38*	*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			10/30/26 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*38 - 134*		*10/30/26 19:11*	*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		11/01/26 13:49	11/08/26 02:12	1

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-1

Date Collected: 10/26/26 11:43
Date Received: 10/28/26 10:00

Matrix: Drinking Water
PWSID Number: HI0000331

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Motor Oil Range Organics [C24-C36]	<26		26		ug/L		11/01/26 13:49	11/08/26 02:12	1
C8-C18	<26		26		ug/L		11/01/26 13:49	11/08/26 02:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*76*		*60 - 130*	*11/01/26 13:49*	*11/08/26 02:12*	*1*

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-2

Date Collected: 10/26/26 11:43
Date Received: 10/28/26 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
GRO (C6-C10)	<10		10		ug/L			10/30/26 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*		*10/30/26 13:02*	*1*

Action Limit Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-1

PWSID Number: HI0000331

Compliance Check

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

Analyte	Result	Qualifier	Unit	EPAMCL Limit	RL	Method	Prep Type
Benzo[a]pyrene	<0.19		ug/L	0.2	0.19	625.1 SIM	Total/NA

Surrogate Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)		
380-244784-1	AIEA GULCH WELLS PUMP 2 (	74	88	59	94	39	89		

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(33-139)	(33-126)	(12-120)	(36-120)	(10-120)	(47-131)		
MB 570-824718/1-A	Method Blank	64	81	53	88	36	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: Drinking Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)		
380-244784-1	AIEA GULCH WELLS PUMP 2 (	78	78	46	83	29	71		

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)		
LCS 570-824718/2-A	Lab Control Sample	68	70	53	58	34	72		
LCSD 570-824718/3-A	Lab Control Sample Dup	76	76	55	60	35	82		
MB 570-824718/1-A	Method Blank	65	67	46	73	29	69		

Surrogate Legend

Surrogate Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

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)
380-244784-1	AIEA GULCH WELLS PUMP 2 (	99

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)
380-244779-B-1 MS	Matrix Spike	103
380-244779-B-1 MSD	Matrix Spike Duplicate	103
380-244784-2	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)	100
LCS 570-823996/3	Lab Control Sample	95
LCSD 570-823996/4	Lab Control Sample Dup	94
MB 570-823996/6	Method Blank	100
MRL 570-823996/5	Lab Control Sample	97

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)
380-244784-1	AIEA GULCH WELLS PUMP 2 (	76

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)
380-245147-C-1-A MS	Matrix Spike	70
380-245147-C-1-B MSD	Matrix Spike Duplicate	82
LCS 570-824865/2-A	Lab Control Sample	79
LCSD 570-824865/3-A	Lab Control Sample Dup	105
MB 570-824865/1-A	Method Blank	94
MRL 570-824865/4-A	Lab Control Sample	84

Surrogate Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Surrogate Legend

OTCSN = n-Octacosane (Surr)

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

Lab Sample ID: MB 570-824718/1-A
Matrix: Water
Analysis Batch: 829653

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824718

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	10/31/26 13:37	11/10/26 12:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		33 - 139	10/31/26 13:37	11/10/26 12:34	1
2-Fluorobiphenyl (Surr)	81		33 - 126	10/31/26 13:37	11/10/26 12:34	1
2-Fluorophenol (Surr)	53		12 - 120	10/31/26 13:37	11/10/26 12:34	1
Nitrobenzene-d5 (Surr)	88		36 - 120	10/31/26 13:37	11/10/26 12:34	1
Phenol-d6 (Surr)	36		10 - 120	10/31/26 13:37	11/10/26 12:34	1
p-Terphenyl-d14 (Surr)	85		47 - 131	10/31/26 13:37	11/10/26 12:34	1

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

Lab Sample ID: MB 570-824718/1-A
Matrix: Water
Analysis Batch: 827194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824718

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
2-Methylnaphthalene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Acenaphthene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Acenaphthylene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Anthracene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Benzo[a]anthracene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Benzo[a]pyrene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Chrysene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Fluoranthene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Fluorene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Naphthalene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Phenanthrene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1
Pyrene	<0.20		0.20		ug/L		10/31/26 13:37	11/05/26 14:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		28 - 127	10/31/26 13:37	11/05/26 14:44	1
2-Fluorobiphenyl (Surr)	67		31 - 120	10/31/26 13:37	11/05/26 14:44	1
2-Fluorophenol (Surr)	46		17 - 120	10/31/26 13:37	11/05/26 14:44	1
Nitrobenzene-d5 (Surr)	73		27 - 120	10/31/26 13:37	11/05/26 14:44	1
Phenol-d6 (Surr)	29		10 - 120	10/31/26 13:37	11/05/26 14:44	1
p-Terphenyl-d14 (Surr)	69		45 - 120	10/31/26 13:37	11/05/26 14:44	1

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

Lab Sample ID: LCS 570-824718/2-A
Matrix: Water
Analysis Batch: 827194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824718

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1-Methylnaphthalene			20.0	10.9		ug/L		54	47 - 120		
2-Methylnaphthalene			20.0	11.0		ug/L		55	43 - 120		
Acenaphthene			20.0	13.6		ug/L		68	60 - 132		
Acenaphthylene			20.0	14.2		ug/L		71	54 - 126		
Anthracene			20.0	14.7		ug/L		74	43 - 120		
Benzo[a]anthracene			20.0	15.0		ug/L		75	42 - 133		
Benzo[a]pyrene			20.0	16.8		ug/L		84	32 - 148		
Benzo[b]fluoranthene			20.0	16.3		ug/L		82	42 - 140		
Benzo[g,h,i]perylene			20.0	15.2		ug/L		76	1 - 195		
Benzo[k]fluoranthene			20.0	15.5		ug/L		78	25 - 146		
Chrysene			20.0	14.7		ug/L		73	44 - 140		
Dibenz(a,h)anthracene			20.0	15.6		ug/L		78	1 - 200		
Fluoranthene			20.0	16.1		ug/L		80	43 - 121		
Fluorene			20.0	14.2		ug/L		71	70 - 120		
Indeno[1,2,3-cd]pyrene			20.0	14.8		ug/L		74	1 - 151		
Naphthalene			20.0	10.3		ug/L		52	36 - 120		
Phenanthrene			20.0	14.6		ug/L		73	65 - 120		
Pyrene			20.0	14.6		ug/L		73	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*28 - 127*
2-Fluorobiphenyl (Surr)	*70*		*31 - 120*
2-Fluorophenol (Surr)	*53*		*17 - 120*
Nitrobenzene-d5 (Surr)	*58*		*27 - 120*
Phenol-d6 (Surr)	*34*		*10 - 120*
p-Terphenyl-d14 (Surr)	*72*		*45 - 120*

Lab Sample ID: LCSD 570-824718/3-A
Matrix: Water
Analysis Batch: 827194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 824718

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene			20.0	12.2		ug/L		61	47 - 120	12	20
2-Methylnaphthalene			20.0	12.3		ug/L		62	43 - 120	12	20
Acenaphthene			20.0	15.1		ug/L		76	60 - 132	11	29
Acenaphthylene			20.0	15.5		ug/L		77	54 - 126	9	45
Anthracene			20.0	16.2		ug/L		81	43 - 120	9	40
Benzo[a]anthracene			20.0	17.3		ug/L		86	42 - 133	14	32
Benzo[a]pyrene			20.0	18.5		ug/L		93	32 - 148	10	43
Benzo[b]fluoranthene			20.0	18.3		ug/L		91	42 - 140	11	43
Benzo[g,h,i]perylene			20.0	16.7		ug/L		84	1 - 195	10	61
Benzo[k]fluoranthene			20.0	17.6		ug/L		88	25 - 146	12	38
Chrysene			20.0	16.6		ug/L		83	44 - 140	12	53
Dibenz(a,h)anthracene			20.0	17.3		ug/L		87	1 - 200	10	75
Fluoranthene			20.0	18.0		ug/L		90	43 - 121	11	40
Fluorene			20.0	15.6		ug/L		78	70 - 120	9	23
Indeno[1,2,3-cd]pyrene			20.0	16.4		ug/L		82	1 - 151	11	60
Naphthalene			20.0	11.1		ug/L		55	36 - 120	7	39

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

Lab Sample ID: LCSD 570-824718/3-A
Matrix: Water
Analysis Batch: 827194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 824718

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	16.4		ug/L		82	65 - 120	11	24
Pyrene			20.0	16.9		ug/L		84	70 - 120	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*
2-Fluorophenol (Surr)	*55*		*17 120*
Nitrobenzene-d5 (Surr)	*60*		*27 - 120*
Phenol-d6 (Surr)	*35*		*10 - 120*
p-Terphenyl-d14 (Surr)	*82*		*45 - 120*

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

Lab Sample ID: MB 570-823996/6
Matrix: Water
Analysis Batch: 823996

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			10/30/26 11:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*38 - 134*		*10/30/26 11:08*	*1*

Lab Sample ID: LCS 570-823996/3
Matrix: Water
Analysis Batch: 823996

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	316		ug/L		79	78 - 120		

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

Lab Sample ID: LCSD 570-823996/4
Matrix: Water
Analysis Batch: 823996

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	328		ug/L		82	78 - 120	4	10

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

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

Lab Sample ID: MRL 570-823996/5
Matrix: Water
Analysis Batch: 823996

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	14.1		ug/L		141	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*38 - 134*

Lab Sample ID: 380-244779-B-1 MS
Matrix: Water
Analysis Batch: 823996

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		
Gasoline Range Organics (C4-C13)	<10		400	343		ug/L		86	68 - 122		

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

Lab Sample ID: 380-244779-B-1 MSD
Matrix: Water
Analysis Batch: 823996

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
Gasoline Range Organics (C4-C13)	<10		400	347		ug/L		87	68 - 122	1	18

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

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

Lab Sample ID: MB 570-824865/1-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 824865

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (C10-C24)	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1
Motor Oil Range Organics [C24-C36]	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1
C8-C18	<25		25		ug/L		11/01/26 13:48	11/07/26 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*60 - 130*	*11/01/26 13:48*	*11/07/26 22:16*	*1*

Lab Sample ID: LCS 570-824865/2-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			1600	1000		ug/L		63	56 - 127		

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

Lab Sample ID: LCS 570-824865/2-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*60 - 130*

Lab Sample ID: LCSD 570-824865/3-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 824865

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28			1600	1320	*1	ug/L		82	56 - 127	27	23

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*60 - 130*

Lab Sample ID: MRL 570-824865/4-A
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 824865

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28			0.0200	0.0265		mg/L		132	50 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
n-Octacosane (Surr)	*84*		*60 - 130*

Lab Sample ID: 380-245147-C-1-A MS
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 824865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
C10-C28	<26	*1 F1	1620	871	F1	ug/L		54	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*70*		*60 - 130*

Lab Sample ID: 380-245147-C-1-B MSD
Matrix: Water
Analysis Batch: 828440

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 824865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
C10-C28	<26	*1 F1	1650	981	F1	ug/L		59	70 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*82*		*60 - 130*

GC/MS Semi VOA

Prep Batch: 824718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1	
MB 570-824718/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-824718/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-824718/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 827194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-824718/1-A	Method Blank	Total/NA	Water	625.1 SIM	824718
LCS 570-824718/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	824718
LCSD 570-824718/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	824718

Analysis Batch: 827873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1 SIM	824718

Analysis Batch: 829653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	625.1	824718
MB 570-824718/1-A	Method Blank	Total/NA	Water	625.1	824718

GC VOA

Analysis Batch: 823996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	8015B GRO LL	
380-244784-2	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP0	Total/NA	Water	8015B GRO LL	
MB 570-823996/6	Method Blank	Total/NA	Water	8015B GRO LL	
LCS 570-823996/3	Lab Control Sample	Total/NA	Water	8015B GRO LL	
LCSD 570-823996/4	Lab Control Sample Dup	Total/NA	Water	8015B GRO LL	
MRL 570-823996/5	Lab Control Sample	Total/NA	Water	8015B GRO LL	
380-244779-B-1 MS	Matrix Spike	Total/NA	Water	8015B GRO LL	
380-244779-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8015B GRO LL	

GC Semi VOA

Prep Batch: 824865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	3510C	
MB 570-824865/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-824865/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-824865/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MRL 570-824865/4-A	Lab Control Sample	Total/NA	Water	3510C	
380-245147-C-1-A MS	Matrix Spike	Total/NA	Water	3510C	
380-245147-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 828440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Total/NA	Drinking Water	8015B	824865
MB 570-824865/1-A	Method Blank	Total/NA	Water	8015B	824865
LCS 570-824865/2-A	Lab Control Sample	Total/NA	Water	8015B	824865
LCSD 570-824865/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	824865
MRL 570-824865/4-A	Lab Control Sample	Total/NA	Water	8015B	824865

GC Semi VOA (Continued)

Analysis Batch: 828440 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-245147-C-1-A MS	Matrix Spike	Total/NA	Water	8015B	824865
380-245147-C-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	8015B	824865

Lab Chronicle

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Client Sample ID: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-1

Date Collected: 10/26/26 11:43
Date Received: 10/28/26 10:00

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625.1			824718	KLZQ	EET CAL 4	11/01/26 09:26
Total/NA	Analysis	625.1		1	829653	S4EA	EET CAL 4	11/10/26 14:38
Total/NA	Prep	625.1			824718	KLZQ	EET CAL 4	11/01/26 09:26
Total/NA	Analysis	625.1 SIM		1	827873	S4EA	EET CAL 4	11/06/26 19:16
Total/NA	Analysis	8015B GRO LL		1	823996	A9VE	EET CAL 4	10/30/26 19:11
Total/NA	Prep	3510C			824865	ATRL	EET CAL 4	11/01/26 13:49
Total/NA	Analysis	8015B		1	828440	H6FE	EET CAL 4	11/08/26 02:12

Client Sample ID: TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)

Lab Sample ID: 380-244784-2

Date Collected: 10/26/26 11:43
Date Received: 10/28/26 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015B GRO LL		1	823996	A9VE	EET CAL 4	10/30/26 13:02

Laboratory References:

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: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

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	11-16-26
California	Los Angeles County Sanitation Districts	9257304	07-31-28
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-28
Kansas	NELAP	E-10420	07-31-27
Nevada	State	CA00111	07-31-27
Oregon	NELAP	4175	02-02-27
Texas	NELAP	T104704499	07-31-27
USDA	US Federal Programs	525-23-159-97150	01-01-27
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-11-27

Method Summary

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

Job ID: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Method	Method Description	Protocol	Laboratory
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
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:

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: 380-244784-1
SDG: Weekly: Aiea Gulch Wells Pump 2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-244784-1	AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Drinking Water	10/26/26 11:43	10/28/26 10:00	HI0000331
380-244784-2	TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072)	Water	10/26/26 11:43	10/28/26 10:00	

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

Chain of Custody Record

eurofins | Env

380-244784 COC

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

Analysis Requested

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1, 625.1_SIM	8015B_GRO_LL - (MOD) GRO	8015B_DRO_LL_C8 - HNL Ranges: C10-C24/C24-C36/C8-C18	525.2_PREC - (MOD) 525plus Plus TICs	537.1_DW_PREC - 537.1 Full List	533 - All Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:				R	RA	Q	QA	Y	I		
Aiea Gulch Wells Pump 2 (331-202-TP072)	26-Oct-2026	1143	G	Water			2	3	2	2				
Aiea Gulch Wells Pump 2 (331-202-TP072) (Matrix Spike)				Water										
Aiea Gulch Wells Pump 2 (331-202-TP072) (Matrix Spike Duplicate)				Water										
TB: Aiea Gulch Wells Pump 2 (331-202-TP072)	26-Oct-2026	1143		Water				2						

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: FEDEX
[redacted]	Date/Time: 27 October 2026 1400	Company: HBWS	Received by:	Date/Time: 10/28/26 10:00	Company: FEDEX
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: (75IR) +0.2 0.8-0.2=0.6 GEL FROZEN

QR

Ver: 04/02/2024

11/13/2026

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

Chain of Custody Record

eurofins | Environment Testing

Loc: 380
244784

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-398690.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Maria.Lopez@et.eurofinsus.com	State of Origin: Hawaii	Page: Page 1 of 1
Company: Eurofins Environment Testing Southwest L		Accreditations Required (See note): State - Hawaii		Job #: 380-244784-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 11/9/2026			Preservation Codes: -
City: Tustin	TAT Requested (days): N/A			
State, Zip: CA, 92780				
Phone: 714-895-5494(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: RED-HILL	Project #: 38001111			
Site: Honolulu BWS Sites	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625.1/625_Prep(MOD) Tentatively Identified Compounds (Hold)	625.1_SIM/625_Prep(MOD) Extended PAH List	8015B_DRO_LL_CS/3510C_LL/HNL Ranges: C10-C24/C24-C36/C8-C18	8015B_GRO_LL/5030C(MOD) GRO	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-244784-1)	10/26/26	11:43 Hawaiian	G	Water			X	X	X	X	7	. MRLs are needed. Confirm any hits >RL.
TB: AIEA GULCH WELLS PUMP 2 (331-202-TP072) (380-24478	10/26/26	11:43 Hawaiian	G	Water						X	2	MRLs are needed. Confirm any hits >RL.

380-244784 Chain of Custody

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

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

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Mark Unruh	10/28/26 1630	EEAP	MANUEL Garcia	10/28/26 1630	EEAP
2	MANUEL Garcia	10/28/26 1811	EEAP		10/28/26 1811	EEAP
3						

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.6/1.4 2.1/1.9 IR-3

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-244784-1
SDG Number: Weekly: Aiea Gulch Wells Pump 2

Login Number: 244784
List Number: 1
Creator: Tran, Kristine

List Source: Eurofins Pomona

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

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-244784-1
SDG Number: Weekly: Aiea Gulch Wells Pump 2

Login Number: 244784
List Number: 2
Creator: Mills, Mary

List Source: Eurofins Calscience
List Creation: 10/28/26 07:47 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.4, 1.9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	