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ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

RED-HILL
Weekly: Aiea Wells P2 [RESAMPLE]

JOB NUMBER

380-215099-1

Eurofins Pomona
941 Corporate Center Drive
Pomona CA 91768-2642

See page two for job notes and contact information.

Job Notes

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

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

Compliance Statement

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

Authorization

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

Table of Contents

Definitions/Glossary

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

Job ID: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

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
380-215099-1

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

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

Receipt
The sample was received on 5/20/2026 9:27 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

GC/MS Semi VOA
Method 625.1: Method 625.1_SIM and 625.1 for AIEA WELLS P2 (260) (331-004-WL103) (380-215099-1) collected on 05/19/26 is a resample for AIEA WELLS P2 (260) (331-004-WL103) job # 380-207350-1 collected on 04/08/26. (XWB4)

Method 625.1: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-741583.

Method 625.1 SIM: The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.
Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 570-741583.

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: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103) Lab Sample ID: 380-215099-1

No Detections.

This Detection Summary does not include radiochemical test results.

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

Date Collected: 05/19/26 10:16
Date Received: 05/20/26 09:27

Lab Sample ID: 380-215099-1

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
2-Methylnaphthalene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Acenaphthene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Acenaphthylene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Anthracene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Benzo[a]anthracene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Benzo[a]pyrene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Benzo[b]fluoranthene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Benzo[g,h,i]perylene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Benzo[k]fluoranthene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Chrysene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Dibenz(a,h)anthracene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Fluoranthene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Fluorene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Indeno[1,2,3-cd]pyrene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Naphthalene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Phenanthrene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1
Pyrene	<0.19		0.19		ug/L		05/21/26 05:09	05/22/26 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*28 - 127*	*05/21/26 05:09*	*05/22/26 19:40*	*1*
2-Fluorobiphenyl (Surr)	*69*		*31 - 120*	*05/21/26 05:09*	*05/22/26 19:40*	*1*
2-Fluorophenol (Surr)	*33*		*17 - 120*	*05/21/26 05:09*	*05/22/26 19:40*	*1*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*	*05/21/26 05:09*	*05/22/26 19:40*	*1*
Phenol-d6 (Surr)	*22*		*10 - 120*	*05/21/26 05:09*	*05/22/26 19:40*	*1*
p-Terphenyl-d14 (Surr)	*75*		*45 - 120*	*05/21/26 05:09*	*05/22/26 19:40*	*1*

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

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*			*N/A*	*05/21/26 05:09*	*06/02/26 12:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*33 - 139*	*05/21/26 05:09*	*06/02/26 12:46*	*1*
2-Fluorobiphenyl (Surr)	*74*		*33 - 126*	*05/21/26 05:09*	*06/02/26 12:46*	*1*
2-Fluorophenol (Surr)	*47*		*12 - 120*	*05/21/26 05:09*	*06/02/26 12:46*	*1*
Nitrobenzene-d5 (Surr)	*80*		*36 - 120*	*05/21/26 05:09*	*06/02/26 12:46*	*1*
Phenol-d6 (Surr)	*27*		*10 - 120*	*05/21/26 05:09*	*06/02/26 12:46*	*1*
p-Terphenyl-d14 (Surr)	*79*		*47 - 131*	*05/21/26 05:09*	*06/02/26 12:46*	*1*

Action Limit Summary

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

Job ID: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103) — Lab Sample ID: 380-215099-1

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
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: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

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)		
380-215099-1	AIEA WELLS P2 (260) (331-004	6	74	47	80	27	79		

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 570-741583/1-A	Method Blank	63	74	57	83	34	75		

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)		
380-215099-1	AIEA WELLS P2 (260) (331-004	76	69	33	64	22	75		

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL6	TPHd14		
Lab Sample ID	Client Sample ID	(28-127)	(31-120)	(17-120)	(27-120)	(10-120)	(45-120)		
380-215107-A-1-A MS	Matrix Spike	83	78	43	64	30	85		
380-215107-A-1-B MSD	Matrix Spike Duplicate	79	76	45	63	30	83		
LCS 570-741583/2-A	Lab Control Sample	84	77	55	66	36	86		
LCSD 570-741583/3-A	Lab Control Sample Dup	87	75	54	65	36	87		

Surrogate Summary

Client: City & County of Honolulu
Job ID: 380-215099-1
Project/Site: RED-HILL
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

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

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)		
MB 570-741583/1-A	Method Blank	90	78	53	80	32	82		

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)

Lab Sample ID: MB 570-741583/1-A
Matrix: Water
Analysis Batch: 747560

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741583

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A	05/20/26 08:18	06/02/26 08:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		33 - 139	05/20/26 08:18	06/02/26 08:24	1
2-Fluorobiphenyl (Surr)	74		33 - 126	05/20/26 08:18	06/02/26 08:24	1
2-Fluorophenol (Surr)	57		12 - 120	05/20/26 08:18	06/02/26 08:24	1
Nitrobenzene-d5 (Surr)	83		36 - 120	05/20/26 08:18	06/02/26 08:24	1
Phenol-d6 (Surr)	34		10 - 120	05/20/26 08:18	06/02/26 08:24	1
p-Terphenyl-d14 (Surr)	75		47 - 131	05/20/26 08:18	06/02/26 08:24	1

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

Lab Sample ID: MB 570-741583/1-A
Matrix: Water
Analysis Batch: 742601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 741583

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
2-Methylnaphthalene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Acenaphthene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Acenaphthylene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Anthracene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Benzo[a]anthracene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Benzo[a]pyrene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Benzo[b]fluoranthene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Benzo[g,h,i]perylene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Benzo[k]fluoranthene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Chrysene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Dibenz(a,h)anthracene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Fluoranthene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Fluorene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Naphthalene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Phenanthrene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1
Pyrene	<0.20		0.20		ug/L		05/20/26 08:18	05/21/26 21:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		28 - 127	05/20/26 08:18	05/21/26 21:27	1
2-Fluorobiphenyl (Surr)	78		31 - 120	05/20/26 08:18	05/21/26 21:27	1
2-Fluorophenol (Surr)	53		17 - 120	05/20/26 08:18	05/21/26 21:27	1
Nitrobenzene-d5 (Surr)	80		27 - 120	05/20/26 08:18	05/21/26 21:27	1
Phenol-d6 (Surr)	32		10 - 120	05/20/26 08:18	05/21/26 21:27	1
p-Terphenyl-d14 (Surr)	82		45 - 120	05/20/26 08:18	05/21/26 21:27	1

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

Lab Sample ID: LCS 570-741583/2-A
Matrix: Water
Analysis Batch: 742601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 741583

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	20.0	14.8		ug/L		74	47 - 120
2-Methylnaphthalene	20.0	13.7		ug/L		68	43 - 120
Acenaphthene	20.0	16.6		ug/L		83	60 - 132
Acenaphthylene	20.0	16.4		ug/L		82	54 - 126
Anthracene	20.0	18.7		ug/L		94	43 - 120
Benzo[a]anthracene	20.0	18.4		ug/L		92	42 - 133
Benzo[a]pyrene	20.0	21.4		ug/L		107	32 - 148
Benzo[b]fluoranthene	20.0	20.0		ug/L		100	42 - 140
Benzo[g,h,i]perylene	20.0	19.2		ug/L		96	1 - 195
Benzo[k]fluoranthene	20.0	19.2		ug/L		96	25 - 146
Chrysene	20.0	18.1		ug/L		90	44 - 140
Dibenz(a,h)anthracene	20.0	20.1		ug/L		100	1 - 200
Fluoranthene	20.0	19.6		ug/L		98	43 - 121
Fluorene	20.0	17.1		ug/L		86	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	19.0		ug/L		95	1 - 151
Naphthalene	20.0	14.1		ug/L		70	36 - 120
Phenanthrene	20.0	18.2		ug/L		91	65 - 120
Pyrene	20.0	17.0		ug/L		85	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*28 - 127*
2-Fluorobiphenyl (Surr)	*77*		*31 - 120*
2-Fluorophenol (Surr)	*55*		*17 - 120*
Nitrobenzene-d5 (Surr)	*66*		*27 - 120*
Phenol-d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*86*		*45 - 120*

Lab Sample ID: LCSD 570-741583/3-A
Matrix: Water
Analysis Batch: 742601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741583

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	20.0	14.3		ug/L		71	47 - 120	3	20
2-Methylnaphthalene	20.0	13.7		ug/L		69	43 - 120	0	20
Acenaphthene	20.0	16.4		ug/L		82	60 - 132	1	29
Acenaphthylene	20.0	16.1		ug/L		81	54 - 126	2	45
Anthracene	20.0	18.7		ug/L		93	43 - 120	0	40
Benzo[a]anthracene	20.0	18.2		ug/L		91	42 - 133	1	32
Benzo[a]pyrene	20.0	20.8		ug/L		104	32 - 148	3	43
Benzo[b]fluoranthene	20.0	19.5		ug/L		97	42 - 140	2	43
Benzo[g,h,i]perylene	20.0	18.8		ug/L		94	1 - 195	2	61
Benzo[k]fluoranthene	20.0	19.6		ug/L		98	25 - 146	2	38
Chrysene	20.0	17.8		ug/L		89	44 - 140	1	53
Dibenz(a,h)anthracene	20.0	19.6		ug/L		98	1 - 200	3	75
Fluoranthene	20.0	19.7		ug/L		98	43 - 121	0	40
Fluorene	20.0	16.8		ug/L		84	70 - 120	2	23
Indeno[1,2,3-cd]pyrene	20.0	18.8		ug/L		94	1 - 151	1	60
Naphthalene	20.0	14.0		ug/L		70	36 - 120	0	39

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

Lab Sample ID: LCSD 570-741583/3-A
Matrix: Water
Analysis Batch: 742601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 741583

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenanthrene			20.0	17.7		ug/L		89	65 - 120	3	24
Pyrene			20.0	17.2		ug/L		86	70 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*28 - 127*
2-Fluorobiphenyl (Surr)	*75*		*31 - 120*
2-Fluorophenol (Surr)	*54*		*17 120*
Nitrobenzene-d5 (Surr)	*65*		*27 - 120*
Phenol-d6 (Surr)	*36*		*10 - 120*
p-Terphenyl-d14 (Surr)	*87*		*45 - 120*

Lab Sample ID: 380-215107-A-1-A MS
Matrix: Water
Analysis Batch: 743023

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 741583

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1-Methylnaphthalene	<0.20		19.5	14.4		ug/L		74	36 - 120
2-Methylnaphthalene	<0.20		19.5	13.5		ug/L		70	32 - 124
Acenaphthene	<0.20		19.5	16.4		ug/L		84	47 - 145
Acenaphthylene	<0.20		19.5	16.0		ug/L		82	33 - 145
Anthracene	<0.20		19.5	17.3		ug/L		89	27 - 133
Benzo[a]anthracene	<0.20		19.5	16.9		ug/L		87	33 - 143
Benzo[a]pyrene	<0.20		19.5	19.0		ug/L		98	17 - 163
Benzo[b]fluoranthene	<0.20		19.5	17.7		ug/L		91	24 - 159
Benzo[g,h,i]perylene	<0.20		19.5	17.6		ug/L		91	1 - 219
Benzo[k]fluoranthene	<0.20		19.5	17.9		ug/L		92	11 - 162
Chrysene	<0.20		19.5	16.5		ug/L		85	17 - 168
Dibenz(a,h)anthracene	<0.20		19.5	18.0		ug/L		92	1 - 227
Fluoranthene	<0.20		19.5	18.3		ug/L		94	26 - 137
Fluorene	<0.20		19.5	16.8		ug/L		86	59 - 121
Indeno[1,2,3-cd]pyrene	<0.20		19.5	18.1		ug/L		93	1 - 171
Naphthalene	<0.20		19.5	13.3		ug/L		68	21 - 133
Phenanthrene	<0.20		19.5	16.7		ug/L		86	54 - 120
Pyrene	<0.20		19.5	16.4		ug/L		84	52 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*28 - 127*
2-Fluorobiphenyl (Surr)	*78*		*31 - 120*
2-Fluorophenol (Surr)	*43*		*17 - 120*
Nitrobenzene-d5 (Surr)	*64*		*27 - 120*
Phenol-d6 (Surr)	*30*		*10 - 120*
p-Terphenyl-d14 (Surr)	*85*		*45 - 120*

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

Lab Sample ID: 380-215107-A-1-B MSD
Matrix: Water
Analysis Batch: 743023

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 741583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1-Methylnaphthalene	<0.20		19.3	14.4		ug/L		75	36 - 120	0	30
2-Methylnaphthalene	<0.20		19.3	13.5		ug/L		70	32 - 124	0	30
Acenaphthene	<0.20		19.3	15.7		ug/L		81	47 - 145	5	48
Acenaphthylene	<0.20		19.3	15.1		ug/L		78	33 - 145	6	74
Anthracene	<0.20		19.3	16.5		ug/L		85	27 - 133	5	66
Benzo[a]anthracene	<0.20		19.3	16.7		ug/L		87	33 - 143	1	53
Benzo[a]pyrene	<0.20		19.3	18.2		ug/L		94	17 - 163	4	72
Benzo[b]fluoranthene	<0.20		19.3	16.9		ug/L		88	24 - 159	5	71
Benzo[g,h,i]perylene	<0.20		19.3	17.4		ug/L		90	1 - 219	2	97
Benzo[k]fluoranthene	<0.20		19.3	17.3		ug/L		90	11 - 162	4	63
Chrysene	<0.20		19.3	16.2		ug/L		84	17 - 168	2	87
Dibenz(a,h)anthracene	<0.20		19.3	18.0		ug/L		94	1 - 227	0	126
Fluoranthene	<0.20		19.3	17.8		ug/L		92	26 - 137	2	66
Fluorene	<0.20		19.3	15.7		ug/L		82	59 - 121	6	38
Indeno[1,2,3-cd]pyrene	<0.20		19.3	17.2		ug/L		89	1 - 171	5	99
Naphthalene	<0.20		19.3	13.2		ug/L		69	21 - 133	1	65
Phenanthrene	<0.20		19.3	16.4		ug/L		85	54 - 120	2	39
Pyrene	<0.20		19.3	15.9		ug/L		83	52 - 120	3	49

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*28 - 127*
2-Fluorobiphenyl (Surr)	*76*		*31 - 120*
2-Fluorophenol (Surr)	*45*		*17 - 120*
Nitrobenzene-d5 (Surr)	*63*		*27 - 120*
Phenol-d6 (Surr)	*30*		*10 - 120*
p-Terphenyl-d14 (Surr)	*83*		*45 - 120*

QC Association Summary

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

Job ID: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

GC/MS Semi VOA

Prep Batch: 741583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-215099-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1	
MB 570-741583/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-741583/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-741583/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	
380-215107-A-1-A MS	Matrix Spike	Total/NA	Water	625.1	
380-215107-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1	

Analysis Batch: 742601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-741583/1-A	Method Blank	Total/NA	Water	625.1 SIM	741583
LCS 570-741583/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	741583
LCSD 570-741583/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	741583

Analysis Batch: 743023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-215099-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1 SIM	741583
380-215107-A-1-A MS	Matrix Spike	Total/NA	Water	625.1 SIM	741583
380-215107-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	625.1 SIM	741583

Analysis Batch: 747560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-215099-1	AIEA WELLS P2 (260) (331-004-WL103)	Total/NA	Drinking Water	625.1	741583
MB 570-741583/1-A	Method Blank	Total/NA	Water	625.1	741583

Lab Chronicle

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

Job ID: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

Client Sample ID: AIEA WELLS P2 (260) (331-004-WL103)
Date Collected: 05/19/26 10:16
Date Received: 05/20/26 09:27

Lab Sample ID: 380-215099-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625.1			741583	H1SH	EET CAL 4	05/21/26 05:09
Total/NA	Analysis	625.1		1	747560	PQS1	EET CAL 4	06/02/26 12:46
Total/NA	Prep	625.1			741583	H1SH	EET CAL 4	05/21/26 05:09
Total/NA	Analysis	625.1 SIM		1	743023	CG	EET CAL 4	05/22/26 19:40

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: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

Laboratory: Eurofins Calscience

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

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	7296.01	11-30-26
A2LA	ISO/IEC 17025	7296.01	11-30-26
Alaska (UST)	State	25-005	03-02-27
Arizona	State	AZ0830	11-17-26
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-26
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-27
USDA	US Federal Programs	525-23-159-97150	09-30-26
Utah	NELAP	CA00111	02-28-27
Washington	State	C916	10-12-26

Method Summary

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

Job ID: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

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
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

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: 380-215099-1
SDG: Weekly: Aiea Wells P2 [RESAMPLE]

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-215099-1	AIEA WELLS P2 (260) (331-004-WL103)	Drinking Water	05/19/26 10:16	05/20/26 09:27	Hawaii

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

Chain of Custody Record

eurofins

Client Information	Sampler: balai	Lab PM: Lopez, Maria	Carrier Tracking No(s)	COC No: 380-118181-36218 1
Client Contact: Kirk Iwamoto	Phone: +1 8087485840	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			Preservation Codes: N None
City: Honolulu	TAT Requested (days)			
State Zip: HI 96843	Compliance Project: Δ Yes Δ No			
Phone: 808-748-5091(Tel)	PO #: C20525101 exp 05312023			
Email: kiwamoto@hbws org	WO #			
Project Name: RED-HILL	Project #: 38001111			
Site: Hawaii	SSOW#:			Other:

Analysis Requested

380-215099 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	625 1, 625.1_SIM	Total Number of containers	Special Instructions/Note.
				Preservation Code:			N		
Aiea Wells P2 (260) (331-004-WL103)	19may2026	1016	G	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: Fed X. 8720 0324 5847		
[redacted]	Date/Time: 19may2026 1400	Company: HBWS	Received by: [signature] Matsumoto	Date/Time: 5/20/26 927	Company: EEAP
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: (631A) 2.2+0.0 2.2 gor-frozen

Ver: 03/20/2026

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

Chain of Custody Record

eurofins | Loc: 380
215099

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Lopez, Maria	Carrier Tracking No(s): N/A	COC No: 380-336593.1
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 #: 380-215099-1
Address: 2841 Dow Avenue, Suite 100,	Due Date Requested: 6/3/2026	**Analysis Requested**		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

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_SIM/625_Prep(MOD) Extended PAH List	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
AIEA WELLS P2 (260) (331-004-WL103) (380-215099-1)	5/19/26	10:16 Hawaiian	G	Water			X	2	MRLs are needed. Confirm any hits >RL.

380-215099 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 *Unconfirmed*	*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) — 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
Manuel Mark Urcutia	5/20/26 1600	EEAP	Carlos Leos	5·20·26 16:00	SJAY
Carlos Leos	5·20·26 17:45	SJAY	[signature]	5/20/26 1745	FEC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1·7/2·0 IR-9

Ver: 03/20/2026 6/5/2026

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-215099-1
SDG Number: Weekly: Aiea Wells P2 [RESAMPLE]

Login Number: 215099
List Number: 1
Creator: Segura, Ryan

List Source: Eurofins Pomona

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

Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-215099-1
SDG Number: Weekly: Aiea Wells P2 [RESAMPLE]

Login Number: 215099
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 05/20/26 06:44 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.0
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.	False	