



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 - Ka'amilo Wells Pump 1/Pump2

JOB NUMBER

380-169525-2

Eurofins Eaton Analytical Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



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

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Definitions/Glossary

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Analyte was found in the associated method blank.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

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: 380-169525-2

Job ID: 380-169525-2

Eurofins Eaton Analytical Pomona

Job Narrative 380-169525-2

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 9/4/2025 9:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.9°C, 2.1°C, 3.6°C, 4.4°C and 4.8°C.

Receipt Exceptions

One Cooler was not received.
Ka'amilo Wells Pump 1 (380-169525-1) and Ka'amilo Wells Pump 2 (380-169525-3)

GC/MS Semi VOA

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 570-629311.

Method 625.1 SIM

Method 625.1_SIM: The following sample was re-prepared outside of preparation holding time due to PM request: Ka'amilo Wells Pump 1 (380-169525-1).

Method 625.1_SIM: The method blank for preparation batch 570-629311 contained Naphthalene above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

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: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-169525-1

No Detections.

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This Detection Summary does not include radiochemical test results.

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Client Sample Results

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-169525-1

Date Collected: 09/02/25 12:20

Matrix: Water

Date Received: 09/04/25 09:56

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	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
2-Methylnaphthalene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Acenaphthene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Acenaphthylene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Anthracene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Benzo[a]anthracene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Benzo[a]pyrene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Benzo[b]fluoranthene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Benzo[g,h,i]perylene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Benzo[k]fluoranthene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Chrysene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Dibenz(a,h)anthracene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Fluoranthene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Fluorene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Indeno[1,2,3-cd]pyrene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Naphthalene	<0.19	H B	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Phenanthrene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Pyrene	<0.19	H	0.19	ug/L		09/23/25 04:30	09/29/25 09:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		28 - 127			09/23/25 04:30	09/29/25 09:44	1
2-Fluorobiphenyl (Surr)	80		31 - 120			09/23/25 04:30	09/29/25 09:44	1
2-Fluorophenol (Surr)	62		17 - 120			09/23/25 04:30	09/29/25 09:44	1
Nitrobenzene-d5 (Surr)	87		27 - 120			09/23/25 04:30	09/29/25 09:44	1
Phenol-d6 (Surr)	34		10 - 120			09/23/25 04:30	09/29/25 09:44	1
p-Terphenyl-d14 (Surr)	81		45 - 120			09/23/25 04:30	09/29/25 09:44	1

Action Limit Summary

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-169525-1

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	H	ug/L	0.2	0.19	625.1 SIM	Total/NA

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Surrogate Summary

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

Job ID: 380-169525-2
 SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (28-127)	FBP (31-120)	2FP (17-120)	NBZ (27-120)	PHL6 (10-120)	TPHd14 (45-120)
380-169525-1	Ka'amilo Wells Pump 1	84	80	62	87	34	81
LCS 570-629311/2-A	Lab Control Sample	73	69	57	70	42	72
LCSD 570-629311/3-A	Lab Control Sample Dup	67	72	52	70	39	73
MB 570-629311/1-A	Method Blank	86	78	57	94	39	88

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)



QC Sample Results

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

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

Lab Sample ID: MB 570-629311/1-A
Matrix: Water
Analysis Batch: 632467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629311

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1-Methylnaphthalene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
2-Methylnaphthalene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Acenaphthene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Acenaphthylene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Anthracene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Benzo[a]anthracene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Benzo[a]pyrene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Benzo[b]fluoranthene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Benzo[g,h,i]perylene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Benzo[k]fluoranthene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Chrysene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Dibenz(a,h)anthracene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Fluoranthene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Fluorene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Indeno[1,2,3-cd]pyrene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Naphthalene	0.625	B	0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Phenanthrene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1
Pyrene	<0.20		0.20	ug/L		09/23/25 04:30	09/29/25 07:30	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2,4,6-Tribromophenol (Surr)	86		28 - 127	09/23/25 04:30	09/29/25 07:30	1
2-Fluorobiphenyl (Surr)	78		31 - 120	09/23/25 04:30	09/29/25 07:30	1
2-Fluorophenol (Surr)	57		17 - 120	09/23/25 04:30	09/29/25 07:30	1
Nitrobenzene-d5 (Surr)	94		27 - 120	09/23/25 04:30	09/29/25 07:30	1
Phenol-d6 (Surr)	39		10 - 120	09/23/25 04:30	09/29/25 07:30	1
p-Terphenyl-d14 (Surr)	88		45 - 120	09/23/25 04:30	09/29/25 07:30	1

Lab Sample ID: LCS 570-629311/2-A
Matrix: Water
Analysis Batch: 632467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629311

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
1-Methylnaphthalene	20.0	12.3		ug/L		62	47 - 120
2-Methylnaphthalene	20.0	11.8		ug/L		59	43 - 120
Acenaphthene	20.0	14.5		ug/L		73	60 - 132
Acenaphthylene	20.0	14.7		ug/L		74	54 - 126
Anthracene	20.0	15.2		ug/L		76	43 - 120
Benzo[a]anthracene	20.0	14.2		ug/L		71	42 - 133
Benzo[a]pyrene	20.0	14.7		ug/L		73	32 - 148
Benzo[b]fluoranthene	20.0	14.7		ug/L		73	42 - 140
Benzo[g,h,i]perylene	20.0	15.4		ug/L		77	1 - 195
Benzo[k]fluoranthene	20.0	15.1		ug/L		75	25 - 146
Chrysene	20.0	14.6		ug/L		73	44 - 140
Dibenz(a,h)anthracene	20.0	15.9		ug/L		80	1 - 200
Fluoranthene	20.0	15.1		ug/L		76	43 - 121
Fluorene	20.0	14.4		ug/L		72	70 - 120
Indeno[1,2,3-cd]pyrene	20.0	14.8		ug/L		74	1 - 151
Naphthalene	20.0	12.3		ug/L		62	36 - 120

Eurofins Eaton Analytical Pomona

QC Sample Results

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

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

Lab Sample ID: LCS 570-629311/2-A
Matrix: Water
Analysis Batch: 632467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	20.0	14.9		ug/L		74	65 - 120
Pyrene	20.0	15.2		ug/L		76	70 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	73		28 - 127
2-Fluorobiphenyl (Surr)	69		31 - 120
2-Fluorophenol (Surr)	57		17 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120
Phenol-d6 (Surr)	42		10 - 120
p-Terphenyl-d14 (Surr)	72		45 - 120

Lab Sample ID: LCSD 570-629311/3-A
Matrix: Water
Analysis Batch: 632467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 629311

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
1-Methylnaphthalene	20.0	13.0		ug/L		65	47 - 120	5	20
2-Methylnaphthalene	20.0	12.5		ug/L		63	43 - 120	6	20
Acenaphthene	20.0	15.2		ug/L		76	60 - 132	4	29
Acenaphthylene	20.0	15.4		ug/L		77	54 - 126	4	45
Anthracene	20.0	15.8		ug/L		79	43 - 120	4	40
Benzo[a]anthracene	20.0	14.4		ug/L		72	42 - 133	2	32
Benzo[a]pyrene	20.0	14.8		ug/L		74	32 - 148	1	43
Benzo[b]fluoranthene	20.0	14.8		ug/L		74	42 - 140	1	43
Benzo[g,h,i]perylene	20.0	16.4		ug/L		82	1 - 195	6	61
Benzo[k]fluoranthene	20.0	15.8		ug/L		79	25 - 146	5	38
Chrysene	20.0	15.2		ug/L		76	44 - 140	4	53
Dibenz(a,h)anthracene	20.0	16.7		ug/L		84	1 - 200	5	75
Fluoranthene	20.0	15.6		ug/L		78	43 - 121	3	40
Fluorene	20.0	15.1		ug/L		75	70 - 120	4	23
Indeno[1,2,3-cd]pyrene	20.0	15.7		ug/L		78	1 - 151	6	60
Naphthalene	20.0	12.9		ug/L		64	36 - 120	4	39
Phenanthrene	20.0	15.7		ug/L		78	65 - 120	5	24
Pyrene	20.0	15.6		ug/L		78	70 - 120	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	67		28 - 127
2-Fluorobiphenyl (Surr)	72		31 - 120
2-Fluorophenol (Surr)	52		17 - 120
Nitrobenzene-d5 (Surr)	70		27 - 120
Phenol-d6 (Surr)	39		10 - 120
p-Terphenyl-d14 (Surr)	73		45 - 120

QC Association Summary

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

GC/MS Semi VOA

Prep Batch: 629311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-169525-1	Ka'amilo Wells Pump 1	Total/NA	Water	625.1	
MB 570-629311/1-A	Method Blank	Total/NA	Water	625.1	
LCS 570-629311/2-A	Lab Control Sample	Total/NA	Water	625.1	
LCSD 570-629311/3-A	Lab Control Sample Dup	Total/NA	Water	625.1	

Analysis Batch: 632467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-169525-1	Ka'amilo Wells Pump 1	Total/NA	Water	625.1 SIM	629311
MB 570-629311/1-A	Method Blank	Total/NA	Water	625.1 SIM	629311
LCS 570-629311/2-A	Lab Control Sample	Total/NA	Water	625.1 SIM	629311
LCSD 570-629311/3-A	Lab Control Sample Dup	Total/NA	Water	625.1 SIM	629311

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Lab Chronicle

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Client Sample ID: Ka'amilo Wells Pump 1

Lab Sample ID: 380-169525-1

Date Collected: 09/02/25 12:20

Matrix: Water

Date Received: 09/04/25 09:56

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	625.1			629311	H1SH	EET CAL 4	09/23/25 04:30
Total/NA	Analysis	625.1 SIM		1	632467	PQS1	EET CAL 4	09/29/25 09:44

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

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	03-02-26
Arizona	State	AZ0830	11-16-25
California	Los Angeles County Sanitation Districts	9257304	07-31-26
California	SCAQMD LAP	17LA0919	11-30-25
California	State	3082	07-31-26
Kansas	NELAP	E-10420	07-31-26
Nevada	State	CA00111	07-31-26
Oregon	NELAP	4175	02-02-26
USDA	US Federal Programs	525-23-159-97150	06-08-26
Utah	NELAP	CA00111	02-28-26
Washington	State	C916	10-11-25

Method Summary

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

Job ID: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Method	Method Description	Protocol	Laboratory
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: 380-169525-2
SDG: Weekly - Ka'amilo Wells Pump 1/Pump2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-169525-1	Ka'amilo Wells Pump 1	Water	09/02/25 12:20	09/04/25 09:56	Hawaii

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Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-169525-2

SDG Number: Weekly - Ka'amilo Wells Pump 1/Pump2

Login Number: 169525

List Number: 1

Creator: Segura, Ryan

List Source: Eurofins Eaton Analytical Pomona

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

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.



Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-169525-2
SDG Number: Weekly - Ka'amilo Wells Pump 1/Pump2

Login Number: 169525
List Number: 2
Creator: Khana, Piyush

List Source: Eurofins Calscience
List Creation: 09/05/25 12:12 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.	N/A	
Sample custody seals, if present, are intact.	N/A	
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	1.7
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.	False	Refer to Job Narrative for details.
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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