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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Erwin Kawata
City & County of Honolulu
630 South Beretania Street
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Honolulu, Hawaii 96843

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JOB DESCRIPTION

RED-HILL
PFAS: Moanalua Well P1

JOB NUMBER

380-192806-1

Eurofins Pomona

Job Notes

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

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

Compliance Statement

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

Authorization



Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Detection Summary	6
Client Sample Results	7
Action Limit Summary	11
Surrogate Summary	12
Isotope Dilution Summary	13
QC Sample Results	14
QC Association Summary	19
Lab Chronicle	20
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Qualifiers

LCMS

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

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: 380-192806-1

Job ID: 380-192806-1

Eurofins Pomona

Job Narrative 380-192806-1

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 1/15/2026 9:38 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 4.7°C.

PFAS

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: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1

Lab Sample ID: 380-192806-1

No Detections.

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

No Detections.

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This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1

Lab Sample ID: 380-192806-1

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorohexanoic acid (PFHxA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorononanoic acid (PFNA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluorobutanoic acid (PFBA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoropentanoic acid (PFPeA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:03	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	91		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C6 PFDA	102		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C5 PFHxA	104		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C4 PFHpA	107		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C8 PFOA	108		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C9 PFNA	106		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C7 PFUnA	95		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C2 PFDoA	98		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C4 PFBA	106		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C5 PFPeA	109		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C3 PFBS	103		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C3 PFHxS	105		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C8 PFOS	104		50 - 200	01/17/26 07:53	01/19/26 02:03	1

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Client Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1

Lab Sample ID: 380-192806-1

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2-4:2-FTS	114		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C2-6:2-FTS	111		50 - 200	01/17/26 07:53	01/19/26 02:03	1
13C2-8:2-FTS	104		50 - 200	01/17/26 07:53	01/19/26 02:03	1

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorohexanoic acid (PFHxA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorononanoic acid (PFNA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorotetradecanoic acid (PFTA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
Perfluorotridecanoic acid (PFTTrDA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	107		70 - 130	01/18/26 08:36	01/19/26 15:59	1
13C2 PFHxA	113		70 - 130	01/18/26 08:36	01/19/26 15:59	1
13C2 PFDA	109		70 - 130	01/18/26 08:36	01/19/26 15:59	1
13C3-GenX	103		70 - 130	01/18/26 08:36	01/19/26 15:59	1

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1

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Client Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Method: EPA 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid (PFDoA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorohexanoic acid (PFHxA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorononanoic acid (PFNA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluorobutanoic acid (PFBA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoropentanoic acid (PFPeA)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoroheptanesulfonic acid (PFHpS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1
Perfluoropentanesulfonic acid (PFPeS)	<2.0		2.0	ng/L		01/17/26 07:53	01/19/26 02:12	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	95		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C6 PFDA	104		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C5 PFHxA	106		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C4 PFHpA	109		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C8 PFOA	111		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C9 PFNA	109		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C7 PFUnA	97		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C2 PFDoA	98		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C4 PFBA	109		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C5 PFPeA	109		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C3 PFBS	104		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C3 PFHxS	106		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C8 PFOS	106		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C2-4:2-FTS	115		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C2-6:2-FTS	111		50 - 200	01/17/26 07:53	01/19/26 02:12	1
13C2-8:2-FTS	102		50 - 200	01/17/26 07:53	01/19/26 02:12	1

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorooctanesulfonic acid (PFOS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluoroundecanoic acid (PFUnA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1

Eurofins Pomona

Client Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Method: EPA 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorohexanoic acid (PFHxA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorododecanoic acid (PFDoA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorooctanoic acid (PFOA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorodecanoic acid (PFDA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorohexanesulfonic acid (PFHxS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorobutanesulfonic acid (PFBS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluoroheptanoic acid (PFHpA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorononanoic acid (PFNA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorotetradecanoic acid (PFTA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
Perfluorotridecanoic acid (PFTrDA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<2.0		2.0	ng/L		01/18/26 08:36	01/19/26 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	102		70 - 130	01/18/26 08:36	01/19/26 16:09	1
13C2 PFHxA	112		70 - 130	01/18/26 08:36	01/19/26 16:09	1
13C2 PFDA	106		70 - 130	01/18/26 08:36	01/19/26 16:09	1
13C3-GenX	96		70 - 130	01/18/26 08:36	01/19/26 16:09	1

Action Limit Summary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1

Lab Sample ID: 380-192806-1

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		RL	Method	Prep Type
				Limit				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	<2.0		ng/L	4		2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	<2.0		ng/L	4		2.0	533	Total/NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		ng/L	10		2.0	537.1	Total/NA
Perfluorooctanesulfonic acid (PFOS)	<2.0		ng/L	4		2.0	537.1	Total/NA
Perfluorooctanoic acid (PFOA)	<2.0		ng/L	4		2.0	537.1	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	<2.0		ng/L	10		2.0	537.1	Total/NA
Perfluorononanoic acid (PFNA)	<2.0		ng/L	10		2.0	537.1	Total/NA

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

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		RL	Method	Prep Type
				Limit				
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorononanoic acid (PFNA)	<2.0		ng/L	10		2.0	533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	<2.0		ng/L	4		2.0	533	Total/NA
Perfluorooctanoic acid (PFOA)	<2.0		ng/L	4		2.0	533	Total/NA
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		ng/L	10		2.0	537.1	Total/NA
Perfluorooctanesulfonic acid (PFOS)	<2.0		ng/L	4		2.0	537.1	Total/NA
Perfluorooctanoic acid (PFOA)	<2.0		ng/L	4		2.0	537.1	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	<2.0		ng/L	10		2.0	537.1	Total/NA
Perfluorononanoic acid (PFNA)	<2.0		ng/L	10		2.0	537.1	Total/NA

Surrogate Summary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	d5NEFOS	PFHxA	PFDA	GenX
		(70-130)	(70-130)	(70-130)	(70-130)
380-192534-B-1-A MS	Matrix Spike	109	110	108	104
380-192534-C-1-A MSD	Matrix Spike Duplicate	106	111	111	106
380-192806-1	MOANALUA WELL P1	107	113	109	103
380-192806-2	MOANALUA WELL P1 Blank	102	112	106	96
LCS 380-198726/23-A	Lab Control Sample	94	104	108	90
MBL 380-198726/21-A	Method Blank	102	106	113	94
MRL 380-198726/22-A	Lab Control Sample	102	102	117	90

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFHxA = 13C2 PFHxA

PFDA = 13C2 PFDA

GenX = 13C3-GenX

Isotope Dilution Summary

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

Job ID: 380-192806-1
 SDG: PFAS: Moanalua Well P1

Method: 533 - Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	HFPODA (50-200)	C6PFDA (50-200)	13C5PHA (50-200)	C4PFHA (50-200)	C8PFOA (50-200)	C9PFNA (50-200)	13C7PUA (50-200)	PFDoA (50-200)
380-192806-1	MOANALUA WELL P1	91	102	104	107	108	106	95	98
380-192806-2	MOANALUA WELL P1 Blank	95	104	106	109	111	109	97	98

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (50-200)	PFPeA (50-200)	C3PFBS (50-200)	C3PFHS (50-200)	C8PFOS (50-200)	42FTS (50-200)	62FTS (50-200)	82FTS (50-200)
380-192806-1	MOANALUA WELL P1	106	109	103	105	104	114	111	104
380-192806-2	MOANALUA WELL P1 Blank	109	109	104	106	106	115	111	102

Surrogate Legend

- HFPODA = 13C3 HFPO-DA
- C6PFDA = 13C6 PFDA
- 13C5PHA = 13C5 PFHxA
- C4PFHA = 13C4 PFHpA
- C8PFOA = 13C8 PFOA
- C9PFNA = 13C9 PFNA
- 13C7PUA = 13C7 PFUnA
- PFDoA = 13C2 PFDoA
- PFBA = 13C4 PFBA
- PFPeA = 13C5 PFPeA
- C3PFBS = 13C3 PFBS
- C3PFHS = 13C3 PFHxS
- C8PFOS = 13C8 PFOS
- 42FTS = 13C2-4:2-FTS
- 62FTS = 13C2-6:2-FTS
- 82FTS = 13C2-8:2-FTS

QC Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS)

Lab Sample ID: MBL 380-198726/21-A
Matrix: Water
Analysis Batch: 198979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 198726

Analyte	MBL Result	MBL Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<1.0		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorooctanesulfonic acid (PFOS)	<0.43		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluoroundecanoic acid (PFUnA)	<0.42		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<0.58		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<0.42		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorohexanoic acid (PFHxA)	<0.46		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorododecanoic acid (PFDoA)	<0.54		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorooctanoic acid (PFOA)	<0.38		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorodecanoic acid (PFDA)	<0.31		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorohexanesulfonic acid (PFHxS)	<0.32		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorobutanesulfonic acid (PFBS)	<0.37		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluoroheptanoic acid (PFHpA)	<0.39		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorononanoic acid (PFNA)	<0.40		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorotetradecanoic acid (PFTA)	<0.54		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
Perfluorotridecanoic acid (PFTrDA)	<0.36		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	<0.30		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<0.30		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	<0.60		2.0	ng/L		01/18/26 08:36	01/19/26 12:41	1

Surrogate	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	102		70 - 130	01/18/26 08:36	01/19/26 12:41	1
13C2 PFHxA	106		70 - 130	01/18/26 08:36	01/19/26 12:41	1
13C2 PFDA	113		70 - 130	01/18/26 08:36	01/19/26 12:41	1
13C3-GenX	94		70 - 130	01/18/26 08:36	01/19/26 12:41	1

Lab Sample ID: LCS 380-198726/23-A
Matrix: Water
Analysis Batch: 198979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 198726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	25.1	21.7		ng/L		86	70 - 130
Perfluorooctanesulfonic acid (PFOS)	25.1	26.7		ng/L		106	70 - 130
Perfluoroundecanoic acid (PFUnA)	25.1	26.3		ng/L		105	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	25.1	22.8		ng/L		91	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	25.1	23.1		ng/L		92	70 - 130
Perfluorohexanoic acid (PFHxA)	25.1	23.6		ng/L		94	70 - 130
Perfluorododecanoic acid (PFDoA)	25.1	25.9		ng/L		103	70 - 130
Perfluorooctanoic acid (PFOA)	25.1	25.9		ng/L		103	70 - 130
Perfluorodecanoic acid (PFDA)	25.1	26.8		ng/L		107	70 - 130

Eurofins Pomona

QC Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LCS 380-198726/23-A

Matrix: Water

Analysis Batch: 198979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 198726

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanesulfonic acid (PFHxS)	25.1	26.9		ng/L		107	70 - 130
Perfluorobutanesulfonic acid (PFBS)	25.1	27.0		ng/L		107	70 - 130
Perfluoroheptanoic acid (PFHpA)	25.1	24.8		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	25.1	26.8		ng/L		107	70 - 130
Perfluorotetradecanoic acid (PFTA)	25.1	24.3		ng/L		97	70 - 130
Perfluorotridecanoic acid (PFTTrDA)	25.1	27.6		ng/L		110	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	25.1	27.1		ng/L		108	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	25.1	25.9		ng/L		103	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	25.1	24.2		ng/L		96	70 - 130
LCS LCS							
Surrogate	%Recovery	Qualifier	Limits				
d5-NEtFOSAA	94		70 - 130				
13C2 PFHxA	104		70 - 130				
13C2 PFDA	108		70 - 130				
13C3-GenX	90		70 - 130				

Lab Sample ID: MRL 380-198726/22-A

Matrix: Water

Analysis Batch: 198979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 198726

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	2.01	1.69	J	ng/L		84	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.01	2.14	J	ng/L		106	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.01	2.20	J	ng/L		109	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.01	1.82	J	ng/L		91	50 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.01	1.97	J	ng/L		98	50 - 150
Perfluorohexanoic acid (PFHxA)	2.01	1.87	J	ng/L		93	50 - 150
Perfluorododecanoic acid (PFDoA)	2.01	2.08	J	ng/L		104	50 - 150
Perfluorooctanoic acid (PFOA)	2.01	2.06	J	ng/L		103	50 - 150
Perfluorodecanoic acid (PFDA)	2.01	2.20	J	ng/L		109	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.01	2.06	J	ng/L		103	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.01	1.87	J	ng/L		93	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.01	1.97	J	ng/L		98	50 - 150
Perfluorononanoic acid (PFNA)	2.01	2.21	J	ng/L		110	50 - 150
Perfluorotetradecanoic acid (PFTA)	2.01	1.65	J	ng/L		82	50 - 150

Eurofins Pomona

QC Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: MRL 380-198726/22-A
Matrix: Water
Analysis Batch: 198979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 198726

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorotridecanoic acid (PFTTrDA)	2.01	2.05	J	ng/L		102	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.01	2.16	J	ng/L		107	50 - 150
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.01	1.96	J	ng/L		97	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.01	1.97	J	ng/L		98	50 - 150
MRL MRL							
Surrogate	%Recovery	Qualifier	Limits				
d5-NEtFOSAA	102		70 - 130				
13C2 PFHxA	102		70 - 130				
13C2 PFDA	117		70 - 130				
13C3-GenX	90		70 - 130				

Lab Sample ID: 380-192534-B-1-A MS
Matrix: Water
Analysis Batch: 198979

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 198726

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	<2.0		50.2	46.3		ng/L		92	70 - 130
Perfluorooctanesulfonic acid (PFOS)	<2.0		50.2	51.5		ng/L		103	70 - 130
Perfluoroundecanoic acid (PFUnA)	<2.0		50.2	50.7		ng/L		101	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<2.0		50.2	50.0		ng/L		100	70 - 130
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<2.0		50.2	50.5		ng/L		101	70 - 130
Perfluorohexanoic acid (PFHxA)	<2.0		50.2	48.0		ng/L		96	70 - 130
Perfluorododecanoic acid (PFDoA)	<2.0		50.2	50.2		ng/L		100	70 - 130
Perfluorooctanoic acid (PFOA)	<2.0		50.2	51.1		ng/L		102	70 - 130
Perfluorodecanoic acid (PFDA)	<2.0		50.2	51.3		ng/L		102	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	<2.0		50.2	50.4		ng/L		100	70 - 130
Perfluorobutanesulfonic acid (PFBS)	<2.0		50.2	52.4		ng/L		104	70 - 130
Perfluoroheptanoic acid (PFHpA)	<2.0		50.2	49.8		ng/L		99	70 - 130
Perfluorononanoic acid (PFNA)	<2.0		50.2	51.9		ng/L		103	70 - 130
Perfluorotetradecanoic acid (PFTA)	<2.0		50.2	47.3		ng/L		94	70 - 130
Perfluorotridecanoic acid (PFTTrDA)	<2.0		50.2	52.4		ng/L		104	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	<2.0		50.2	51.1		ng/L		102	70 - 130
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	<2.0		50.2	55.4		ng/L		110	70 - 130

QC Sample Results

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method: 537.1 - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: 380-192534-C-1-A MSD

Matrix: Water

Analysis Batch: 198979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 198726

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
13C3-GenX	106		70 - 130

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QC Association Summary

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

Job ID: 380-192806-1
 SDG: PFAS: Moanalua Well P1

LCMS

Prep Batch: 198686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192806-1	MOANALUA WELL P1	Total/NA	Water	533	
380-192806-2	MOANALUA WELL P1 Blank	Total/NA	Water	533	

Prep Batch: 198726

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192806-1	MOANALUA WELL P1	Total/NA	Water	537.1 DW	
380-192806-2	MOANALUA WELL P1 Blank	Total/NA	Water	537.1 DW	
MBL 380-198726/21-A	Method Blank	Total/NA	Water	537.1 DW	
LCS 380-198726/23-A	Lab Control Sample	Total/NA	Water	537.1 DW	
MRL 380-198726/22-A	Lab Control Sample	Total/NA	Water	537.1 DW	
380-192534-B-1-A MS	Matrix Spike	Total/NA	Water	537.1 DW	
380-192534-C-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	537.1 DW	

Analysis Batch: 198761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192806-1	MOANALUA WELL P1	Total/NA	Water	533	198686
380-192806-2	MOANALUA WELL P1 Blank	Total/NA	Water	533	198686

Analysis Batch: 198979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-192806-1	MOANALUA WELL P1	Total/NA	Water	537.1	198726
380-192806-2	MOANALUA WELL P1 Blank	Total/NA	Water	537.1	198726
MBL 380-198726/21-A	Method Blank	Total/NA	Water	537.1	198726
LCS 380-198726/23-A	Lab Control Sample	Total/NA	Water	537.1	198726
MRL 380-198726/22-A	Lab Control Sample	Total/NA	Water	537.1	198726
380-192534-B-1-A MS	Matrix Spike	Total/NA	Water	537.1	198726
380-192534-C-1-A MSD	Matrix Spike Duplicate	Total/NA	Water	537.1	198726

Lab Chronicle

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

Job ID: 380-192806-1
 SDG: PFAS: Moanalua Well P1

Client Sample ID: MOANALUA WELL P1

Lab Sample ID: 380-192806-1

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			198686	XTD8	EA POM	01/17/26 07:53
Total/NA	Analysis	533		1	198761	M7ML	EA POM	01/19/26 02:03
Total/NA	Prep	537.1 DW			198726	E9PK	EA POM	01/18/26 08:36
Total/NA	Analysis	537.1		1	198979	M7ML	EA POM	01/19/26 15:59

Client Sample ID: MOANALUA WELL P1 Blank

Lab Sample ID: 380-192806-2

Date Collected: 01/13/26 12:55

Matrix: Water

Date Received: 01/15/26 09:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			198686	XTD8	EA POM	01/17/26 07:53
Total/NA	Analysis	533		1	198761	M7ML	EA POM	01/19/26 02:12
Total/NA	Prep	537.1 DW			198726	E9PK	EA POM	01/18/26 08:36
Total/NA	Analysis	537.1		1	198979	M7ML	EA POM	01/19/26 16:09

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Laboratory: Eurofins Pomona

The accreditations/certifications listed below are applicable to this report.

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

- 1
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Method Summary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Method	Method Description	Protocol	Laboratory
533	Perfluorinated and Polyfluorinated Alkyl Substances in Drinking Water	EPA	EA POM
537.1	Perfluorinated Alkyl Acids (LC/MS)	EPA	EA POM
533	Extraction of Perfluorinated and Polyfluorinated Alkyl Acids	EPA	EA POM
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EA POM

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

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



Sample Summary

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

Job ID: 380-192806-1
SDG: PFAS: Moanalua Well P1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
380-192806-1	MOANALUA WELL P1	Water	01/13/26 12:55	01/15/26 09:38	Hawaii
380-192806-2	MOANALUA WELL P1 Blank	Water	01/13/26 12:55	01/15/26 09:38	Hawaii

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Login Sample Receipt Checklist

Client: City & County of Honolulu

Job Number: 380-192806-1
SDG Number: PFAS: Moanalua Well P1

Login Number: 192806

List Number: 1

Creator: Ngo, Theodore

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).	N/A	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	

