



ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Nevada DEP PFAS RFP

JOB NUMBER

380-74289-1

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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 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



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Definitions/Glossary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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.
α	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: Broadbent & Associates, Inc.
Project: Nevada DEP PFAS RFP

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Job Narrative 380-74289-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 12/8/2023 9:45 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 3.1°C

Receipt Exceptions

The following sample(s) was listed on the Chain of Custody (COC); however, 3 out 4 was received: DW069 533 PFAS sample. One 533 sample was missing from site DW069 instead a full 533 Reagent water was sent. Samples were logged in as received and binned.

PFAS

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

Detection Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW070

Lab Sample ID: 380-74289-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanesulfonic acid (PFHxS)	2.0		2.0		ng/L	1		533	Total/NA
Perfluorohexanoic acid (PFHxA)	3.4		2.0		ng/L	1		533	Total/NA
Perfluorooctanesulfonic acid (PFOS)	12		2.0		ng/L	1		533	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		2.0		ng/L	1		533	Total/NA
Perfluoropentanoic acid (PFPeA)	3.4		2.0		ng/L	1		533	Total/NA

Client Sample ID: DW070-FRB

Lab Sample ID: 380-74289-2

No Detections.

Client Sample ID: DW069

Lab Sample ID: 380-74289-3

No Detections.

Client Sample ID: DW122

Lab Sample ID: 380-74289-5

No Detections.

Client Sample ID: DW122-DUP

Lab Sample ID: 380-74289-8

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW070

Lab Sample ID: 380-74289-1

Date Collected: 12/04/23 08:35

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafuoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorohexanesulfonic acid (PFHxS)	2.0		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorohexanoic acid (PFHxA)	3.4		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorooctanesulfonic acid (PFOS)	12		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorooctanoic acid (PFOA)	3.8		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoropentanoic acid (PFPeA)	3.4		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:31	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	87		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C6 PFDA	92		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C5 PFHxA	74		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C4 PFHpA	79		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C8 PFOA	85		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C9 PFNA	95		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C7 PFUnA	95		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C2 PFDoA	99		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C4 PFBA	81		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C5 PFPeA	87		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C3 PFBS	92		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C3 PFHxS	96		50 - 200	12/10/23 14:20	12/11/23 18:31	1

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW070

Lab Sample ID: 380-74289-1

Date Collected: 12/04/23 08:35

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C8 PFOS	99		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C2-4:2-FTS	164		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C2-6:2-FTS	161		50 - 200	12/10/23 14:20	12/11/23 18:31	1
13C2-8:2-FTS	199		50 - 200	12/10/23 14:20	12/11/23 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 12:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 12:46	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 12:46	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 12:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	122		70 - 130	12/11/23 13:45	12/12/23 12:46	1
13C2 PFHxA	116		70 - 130	12/11/23 13:45	12/12/23 12:46	1
13C3-GenX	115		70 - 130	12/11/23 13:45	12/12/23 12:46	1
d5-NEtFOSAA	110		70 - 130	12/11/23 13:45	12/12/23 12:46	1

Client Sample ID: DW070-FRB

Lab Sample ID: 380-74289-2

Date Collected: 12/04/23 08:35

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW070-FRB

Lab Sample ID: 380-74289-2

Date Collected: 12/04/23 08:35

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:41	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	93		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C6 PFDA	108		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C5 PFHxA	96		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C4 PFHpA	97		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C8 PFOA	98		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C9 PFNA	102		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C7 PFUnA	100		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C2 PFDoA	101		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C4 PFBA	95		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C5 PFPeA	98		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C3 PFBS	94		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C3 PFHxS	98		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C8 PFOS	99		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C2-4:2-FTS	120		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C2-6:2-FTS	116		50 - 200				12/10/23 14:20	12/11/23 18:41	1
13C2-8:2-FTS	142		50 - 200				12/10/23 14:20	12/11/23 18:41	1

Client Sample ID: DW069

Lab Sample ID: 380-74289-3

Date Collected: 12/04/23 08:55

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosafuoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW069

Lab Sample ID: 380-74289-3

Date Collected: 12/04/23 08:55

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 18:51	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	92		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C6 PFDA	98		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C5 PFHxA	91		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C4 PFHpA	94		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C8 PFOA	95		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C9 PFNA	98		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C7 PFUnA	92		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C2 PFDoA	100		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C4 PFBA	94		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C5 PFPeA	95		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C3 PFBS	94		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C3 PFHxS	97		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C8 PFOS	100		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C2-4:2-FTS	130		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C2-6:2-FTS	123		50 - 200	12/10/23 14:20	12/11/23 18:51	1
13C2-8:2-FTS	151		50 - 200	12/10/23 14:20	12/11/23 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:06	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:06	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:06	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	109		70 - 130	12/11/23 13:45	12/12/23 13:06	1
13C2 PFHxA	109		70 - 130	12/11/23 13:45	12/12/23 13:06	1
13C3-GenX	116		70 - 130	12/11/23 13:45	12/12/23 13:06	1

Eurofins Eaton Analytical Pomona

Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW069

Date Collected: 12/04/23 08:55

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-3

Matrix: Drinking Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	111		70 - 130	12/11/23 13:45	12/12/23 13:06	1

Client Sample ID: DW122

Date Collected: 12/04/23 11:15

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-5

Matrix: Drinking Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosfluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 16:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	89		50 - 200				12/10/23 14:20	12/11/23 16:17	1
13C6 PFDA	101		50 - 200				12/10/23 14:20	12/11/23 16:17	1
13C5 PFHxA	93		50 - 200				12/10/23 14:20	12/11/23 16:17	1
13C4 PFHpA	92		50 - 200				12/10/23 14:20	12/11/23 16:17	1
13C8 PFOA	95		50 - 200				12/10/23 14:20	12/11/23 16:17	1

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW122

Lab Sample ID: 380-74289-5

Date Collected: 12/04/23 11:15

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

<u>Isotope Dilution</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C9 PFNA	99		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C7 PFUnA	96		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C2 PFDoA	97		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C4 PFBA	92		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C5 PFPeA	97		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C3 PFBS	91		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C3 PFHxS	92		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C8 PFOS	97		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C2-4:2-FTS	122		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C2-6:2-FTS	114		50 - 200	12/10/23 14:20	12/11/23 16:17	1
13C2-8:2-FTS	148		50 - 200	12/10/23 14:20	12/11/23 16:17	1

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 11:19	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 11:19	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 11:19	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 11:19	1

<u>Surrogate</u>	<u>%Recovery</u>	<u>Qualifier</u>	<u>Limits</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
13C2 PFDA	104		70 - 130	12/11/23 13:45	12/12/23 11:19	1
13C2 PFHxA	105		70 - 130	12/11/23 13:45	12/12/23 11:19	1
13C3-GenX	112		70 - 130	12/11/23 13:45	12/12/23 11:19	1
d5-NEtFOSAA	114		70 - 130	12/11/23 13:45	12/12/23 11:19	1

Client Sample ID: DW122-DUP

Lab Sample ID: 380-74289-8

Date Collected: 12/04/23 11:15

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	<u>RL</u>	<u>MDL</u>	<u>Unit</u>	<u>D</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Dil Fac</u>
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1

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Client Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW122-DUP

Lab Sample ID: 380-74289-8

Date Collected: 12/04/23 11:15

Matrix: Drinking Water

Date Received: 12/08/23 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 19:29	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	83		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C6 PFDA	102		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C5 PFHxA	91		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C4 PFHpA	92		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C8 PFOA	96		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C9 PFNA	100		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C7 PFUnA	97		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C2 PFDoA	98		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C4 PFBA	93		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C5 PFPeA	95		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C3 PFBS	91		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C3 PFHxS	94		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C8 PFOS	97		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C2-4:2-FTS	118		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C2-6:2-FTS	114		50 - 200	12/10/23 14:20	12/11/23 19:29	1
13C2-8:2-FTS	141		50 - 200	12/10/23 14:20	12/11/23 19:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:57	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:57	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:57	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	106		70 - 130	12/11/23 13:45	12/12/23 13:57	1
13C2 PFHxA	107		70 - 130	12/11/23 13:45	12/12/23 13:57	1
13C3-GenX	116		70 - 130	12/11/23 13:45	12/12/23 13:57	1
d5-NEtFOSAA	116		70 - 130	12/11/23 13:45	12/12/23 13:57	1

Surrogate Summary

Client: Broadbent & Associates, Inc.
 Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		PFDA (70-130)	PFHxA (70-130)	GenX (70-130)	d5NEFOS (70-130)
380-74289-1	DW070	122	116	115	110
380-74289-3	DW069	109	109	116	111
380-74289-5	DW122	104	105	112	114
380-74289-5 MS	DW122	106	110	119	110
380-74289-5 MSD	DW122	107	109	122	105
380-74289-8	DW122-DUP	106	107	116	116
LCS 380-67367/23-A	Lab Control Sample	111	113	124	106
LCSD 380-67367/24-A	Lab Control Sample Dup	110	109	122	104
MBL 380-67367/21-A	Method Blank	106	101	109	110
MRL 380-67367/22-A	Lab Control Sample	97	93	104	106

Surrogate Legend

- PFDA = 13C2 PFDA
- PFHxA = 13C2 PFHxA
- GenX = 13C3-GenX
- d5NEFOS = d5-NEtFOSAA



Isotope Dilution Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Matrix: Drinking 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)
380-74289-1	DW070	87	92	74	79	85	95	95	99
380-74289-2	DW070-FRB	93	108	96	97	98	102	100	101
380-74289-3	DW069	92	98	91	94	95	98	92	100
380-74289-5	DW122	89	101	93	92	95	99	96	97
380-74289-5 MS	DW122	85	97	86	93	95	95	96	100
380-74289-5 MSD	DW122	82	104	93	94	98	103	101	102
380-74289-8	DW122-DUP	83	102	91	92	96	100	97	98
LCS 380-67259/23-A	Lab Control Sample	90	104	96	98	97	103	99	102
LCSD 380-67259/24-A	Lab Control Sample Dup	93	99	92	91	95	98	93	99
MBL 380-67259/21-A	Method Blank	91	96	93	94	96	99	94	93
MRL 380-67259/22-A	Lab Control Sample	86	100	91	96	97	102	96	97

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)
380-74289-1	DW070	81	87	92	96	99	164	161	199
380-74289-2	DW070-FRB	95	98	94	98	99	120	116	142
380-74289-3	DW069	94	95	94	97	100	130	123	151
380-74289-5	DW122	92	97	91	92	97	122	114	148
380-74289-5 MS	DW122	88	90	89	94	99	121	155	150
380-74289-5 MSD	DW122	93	98	94	96	103	116	123	144
380-74289-8	DW122-DUP	93	95	91	94	97	118	114	141
LCS 380-67259/23-A	Lab Control Sample	100	100	93	96	100	115	113	124
LCSD 380-67259/24-A	Lab Control Sample Dup	93	99	95	92	98	116	117	133
MBL 380-67259/21-A	Method Blank	96	97	90	90	97	115	105	115
MRL 380-67259/22-A	Lab Control Sample	96	98	92	94	101	120	115	137

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: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: MBL 380-67259/21-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67259

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
11-Chloroeicosfluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluorobutanoic acid (PFBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoropentanoic acid (PFPeA)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoroheptanesulfonic acid (PFHpS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1
Perfluoropentanesulfonic acid (PFPeS)	ND		2.0		ng/L		12/10/23 14:20	12/11/23 15:39	1

Isotope Dilution	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C3 HFPO-DA	91		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C6 PFDA	96		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C5 PFHxA	93		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C4 PFHpA	94		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C8 PFOA	96		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C9 PFNA	99		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C7 PFUnA	94		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C2 PFDoA	93		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C4 PFBA	96		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C5 PFPeA	97		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C3 PFBS	90		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C3 PFHxS	90		50 - 200	12/10/23 14:20	12/11/23 15:39	1

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QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: MBL 380-67259/21-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67259

<i>Isotope Dilution</i>	<i>MBL %Recovery</i>	<i>MBL Qualifier</i>	<i>Limits</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
13C8 PFOS	97		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C2-4:2-FTS	115		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C2-6:2-FTS	105		50 - 200	12/10/23 14:20	12/11/23 15:39	1
13C2-8:2-FTS	115		50 - 200	12/10/23 14:20	12/11/23 15:39	1

Lab Sample ID: LCS 380-67259/23-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67259

<i>Analyte</i>	<i>Spike Added</i>	<i>LCS Result</i>	<i>LCS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	60.2	58.0		ng/L		96	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	60.2	51.6		ng/L		86	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	60.2	57.8		ng/L		96	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	60.2	55.3		ng/L		92	70 - 130
Perfluorobutanesulfonic acid (PFBS)	60.2	58.5		ng/L		97	70 - 130
Perfluorodecanoic acid (PFDA)	60.2	56.4		ng/L		94	70 - 130
Perfluorododecanoic acid (PFDoA)	60.2	57.9		ng/L		96	70 - 130
Perfluoroheptanoic acid (PFHpA)	60.2	58.5		ng/L		97	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	60.2	58.1		ng/L		96	70 - 130
Perfluorohexanoic acid (PFHxA)	60.2	56.9		ng/L		94	70 - 130
Perfluorononanoic acid (PFNA)	60.2	57.4		ng/L		95	70 - 130
Perfluorooctanesulfonic acid (PFOS)	60.2	56.7		ng/L		94	70 - 130
Perfluorooctanoic acid (PFOA)	60.2	58.4		ng/L		97	70 - 130
Perfluoroundecanoic acid (PFUnA)	60.2	59.4		ng/L		99	70 - 130
Perfluorobutanoic acid (PFBA)	60.2	58.2		ng/L		97	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	60.2	63.2		ng/L		105	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	60.2	61.2		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	60.2	58.1		ng/L		96	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	60.2	58.8		ng/L		98	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	60.2	55.6		ng/L		92	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	60.2	57.4		ng/L		95	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	60.2	61.3		ng/L		102	70 - 130
Perfluoropentanoic acid (PFPeA)	60.2	58.3		ng/L		97	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	60.2	55.9		ng/L		93	70 - 130

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QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: LCS 380-67259/23-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoropentanesulfonic acid (PFPeS)	60.2	56.4		ng/L		94	70 - 130
LCS LCS							
Isotope Dilution	%Recovery	Qualifier	Limits				
13C3 HFPO-DA	90		50 - 200				
13C6 PFDA	104		50 - 200				
13C5 PFHxA	96		50 - 200				
13C4 PFHpA	98		50 - 200				
13C8 PFOA	97		50 - 200				
13C9 PFNA	103		50 - 200				
13C7 PFUnA	99		50 - 200				
13C2 PFDoA	102		50 - 200				
13C4 PFBA	100		50 - 200				
13C5 PFPeA	100		50 - 200				
13C3 PFBS	93		50 - 200				
13C3 PFHxS	96		50 - 200				
13C8 PFOS	100		50 - 200				
13C2-4:2-FTS	115		50 - 200				
13C2-6:2-FTS	113		50 - 200				
13C2-8:2-FTS	124		50 - 200				

Lab Sample ID: LCSD 380-67259/24-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	60.4	59.6		ng/L		99	70 - 130	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	60.4	52.7		ng/L		87	70 - 130	2	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	60.4	58.3		ng/L		97	70 - 130	1	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	60.4	52.0		ng/L		86	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	60.4	59.1		ng/L		98	70 - 130	1	30
Perfluorodecanoic acid (PFDA)	60.4	60.6		ng/L		100	70 - 130	7	30
Perfluorododecanoic acid (PFDoA)	60.4	61.5		ng/L		102	70 - 130	6	30
Perfluoroheptanoic acid (PFHpA)	60.4	60.0		ng/L		99	70 - 130	3	30
Perfluorohexanesulfonic acid (PFHxS)	60.4	61.6		ng/L		102	70 - 130	6	30
Perfluorohexanoic acid (PFHxA)	60.4	57.6		ng/L		95	70 - 130	1	30
Perfluorononanoic acid (PFNA)	60.4	58.9		ng/L		98	70 - 130	3	30
Perfluorooctanesulfonic acid (PFOS)	60.4	57.1		ng/L		95	70 - 130	1	30
Perfluorooctanoic acid (PFOA)	60.4	56.2		ng/L		93	70 - 130	4	30
Perfluoroundecanoic acid (PFUnA)	60.4	60.0		ng/L		99	70 - 130	1	30
Perfluorobutanoic acid (PFBA)	60.4	57.0		ng/L		94	70 - 130	2	30

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: LCSD 380-67259/24-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	60.4	59.1		ng/L		98	70 - 130	7	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	60.4	61.1		ng/L		101	70 - 130	0	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	60.4	58.0		ng/L		96	70 - 130	0	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	60.4	51.1		ng/L		85	70 - 130	14	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	60.4	56.3		ng/L		93	70 - 130	1	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	60.4	60.8		ng/L		101	70 - 130	6	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	60.4	57.3		ng/L		95	70 - 130	7	30
Perfluoropentanoic acid (PFPeA)	60.4	60.0		ng/L		99	70 - 130	3	30
Perfluoroheptanesulfonic acid (PFHpS)	60.4	58.7		ng/L		97	70 - 130	5	30
Perfluoropentanesulfonic acid (PFPeS)	60.4	57.9		ng/L		96	70 - 130	3	30

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	LCSD Limits
13C3 HFPO-DA	93		50 - 200
13C6 PFDA	99		50 - 200
13C5 PFHxA	92		50 - 200
13C4 PFHpA	91		50 - 200
13C8 PFOA	95		50 - 200
13C9 PFNA	98		50 - 200
13C7 PFUnA	93		50 - 200
13C2 PFDoA	99		50 - 200
13C4 PFBA	93		50 - 200
13C5 PFPeA	99		50 - 200
13C3 PFBS	95		50 - 200
13C3 PFHxS	92		50 - 200
13C8 PFOS	98		50 - 200
13C2-4:2-FTS	116		50 - 200
13C2-6:2-FTS	117		50 - 200
13C2-8:2-FTS	133		50 - 200

Lab Sample ID: MRL 380-67259/22-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	2.00	1.93	J	ng/L		96	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	2.00	1.68	J	ng/L		84	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	2.00	2.01		ng/L		100	50 - 150

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QC Sample Results

Client: Broadbent & Associates, Inc.
 Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: MRL 380-67259/22-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	2.00	2.11		ng/L		105	50 - 150
Perfluorobutanesulfonic acid (PFBS)	2.00	2.15		ng/L		107	50 - 150
Perfluorodecanoic acid (PFDA)	2.00	2.09		ng/L		104	50 - 150
Perfluorododecanoic acid (PFDoA)	2.00	2.16		ng/L		108	50 - 150
Perfluoroheptanoic acid (PFHpA)	2.00	2.11		ng/L		105	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	2.00	2.11		ng/L		105	50 - 150
Perfluorohexanoic acid (PFHxA)	2.00	2.15		ng/L		107	50 - 150
Perfluorononanoic acid (PFNA)	2.00	2.07		ng/L		103	50 - 150
Perfluorooctanesulfonic acid (PFOS)	2.00	2.21		ng/L		110	50 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.23		ng/L		111	50 - 150
Perfluoroundecanoic acid (PFUnA)	2.00	2.10		ng/L		105	50 - 150
Perfluorobutanoic acid (PFBA)	2.00	2.06		ng/L		103	50 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	2.00	2.19		ng/L		109	50 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.00	2.17		ng/L		108	50 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	2.00	2.14		ng/L		107	50 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.00	1.86	J	ng/L		93	50 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.00	1.93	J	ng/L		96	50 - 150
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.00	2.16		ng/L		108	50 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.00	2.14		ng/L		107	50 - 150
Perfluoropentanoic acid (PFPeA)	2.00	2.22		ng/L		111	50 - 150
Perfluoroheptanesulfonic acid (PFHpS)	2.00	1.93	J	ng/L		96	50 - 150
Perfluoropentanesulfonic acid (PFPeS)	2.00	1.99	J	ng/L		99	50 - 150

Isotope Dilution	MRL %Recovery	MRL Qualifier	MRL Limits
¹³ C3 HFPO-DA	86		50 - 200
¹³ C6 PFDA	100		50 - 200
¹³ C5 PFHxA	91		50 - 200
¹³ C4 PFHpA	96		50 - 200
¹³ C8 PFOA	97		50 - 200
¹³ C9 PFNA	102		50 - 200
¹³ C7 PFUnA	96		50 - 200
¹³ C2 PFDoA	97		50 - 200
¹³ C4 PFBA	96		50 - 200
¹³ C5 PFPeA	98		50 - 200
¹³ C3 PFBS	92		50 - 200
¹³ C3 PFHxS	94		50 - 200
¹³ C8 PFOS	101		50 - 200

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: MRL 380-67259/22-A
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67259

<i>Isotope Dilution</i>	<i>MRL %Recovery</i>	<i>MRL Qualifier</i>	<i>Limits</i>
13C2-4:2-FTS	120		50 - 200
13C2-6:2-FTS	115		50 - 200
13C2-8:2-FTS	137		50 - 200

Lab Sample ID: 380-74289-5 MS
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: DW122
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.2	57.3		ng/L		95	70 - 130
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.2	51.8		ng/L		86	70 - 130
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.2	55.3		ng/L		92	70 - 130
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		60.2	56.0		ng/L		93	70 - 130
Perfluorobutanesulfonic acid (PFBS)	ND		60.2	59.8		ng/L		99	70 - 130
Perfluorodecanoic acid (PFDA)	ND		60.2	59.1		ng/L		98	70 - 130
Perfluorododecanoic acid (PFDoA)	ND		60.2	59.3		ng/L		98	70 - 130
Perfluoroheptanoic acid (PFHpA)	ND		60.2	59.2		ng/L		98	70 - 130
Perfluorohexanesulfonic acid (PFHxS)	ND		60.2	58.1		ng/L		96	70 - 130
Perfluorohexanoic acid (PFHxA)	ND		60.2	60.0		ng/L		100	70 - 130
Perfluorononanoic acid (PFNA)	ND		60.2	61.1		ng/L		101	70 - 130
Perfluorooctanesulfonic acid (PFOS)	ND		60.2	55.8		ng/L		93	70 - 130
Perfluorooctanoic acid (PFOA)	ND		60.2	58.4		ng/L		97	70 - 130
Perfluoroundecanoic acid (PFUnA)	ND		60.2	58.8		ng/L		98	70 - 130
Perfluorobutanoic acid (PFBA)	ND		60.2	59.0		ng/L		98	70 - 130
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.2	61.7		ng/L		102	70 - 130
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.2	62.7		ng/L		104	70 - 130
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.2	60.2		ng/L		100	70 - 130
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		60.2	57.9		ng/L		96	70 - 130
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	ND		60.2	59.1		ng/L		98	70 - 130
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.2	59.9		ng/L		99	70 - 130
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		60.2	59.0		ng/L		98	70 - 130
Perfluoropentanoic acid (PFPeA)	ND		60.2	62.0		ng/L		103	70 - 130
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.2	57.9		ng/L		96	70 - 130
Perfluoropentanesulfonic acid (PFPeS)	ND		60.2	55.7		ng/L		92	70 - 130

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Isotope Dilution	MS MS		Limits
	%Recovery	Qualifier	
13C3 HFPO-DA	85		50 - 200
13C6 PFDA	97		50 - 200
13C5 PFHxA	86		50 - 200
13C4 PFHpA	93		50 - 200
13C8 PFOA	95		50 - 200
13C9 PFNA	95		50 - 200
13C7 PFUnA	96		50 - 200
13C2 PFDoA	100		50 - 200
13C4 PFBA	88		50 - 200
13C5 PFPeA	90		50 - 200
13C3 PFBS	89		50 - 200
13C3 PFHxS	94		50 - 200
13C8 PFOS	99		50 - 200
13C2-4:2-FTS	121		50 - 200
13C2-6:2-FTS	155		50 - 200
13C2-8:2-FTS	150		50 - 200

Lab Sample ID: 380-74289-5 MSD
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: DW122
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		60.2	56.7		ng/L		94	70 - 130	1	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		60.2	49.2		ng/L		82	70 - 130	5	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		60.2	58.7		ng/L		97	70 - 130	6	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		60.2	59.2		ng/L		98	70 - 130	6	30
Perfluorobutanesulfonic acid (PFBS)	ND		60.2	61.4		ng/L		102	70 - 130	3	30
Perfluorodecanoic acid (PFDA)	ND		60.2	59.1		ng/L		98	70 - 130	0	30
Perfluorododecanoic acid (PFDoA)	ND		60.2	60.7		ng/L		101	70 - 130	2	30
Perfluoroheptanoic acid (PFHpA)	ND		60.2	58.9		ng/L		98	70 - 130	1	30
Perfluorohexanesulfonic acid (PFHxS)	ND		60.2	59.3		ng/L		98	70 - 130	2	30
Perfluorohexanoic acid (PFHxA)	ND		60.2	59.4		ng/L		99	70 - 130	1	30
Perfluorononanoic acid (PFNA)	ND		60.2	57.9		ng/L		96	70 - 130	5	30
Perfluorooctanesulfonic acid (PFOS)	ND		60.2	55.6		ng/L		92	70 - 130	0	30
Perfluorooctanoic acid (PFOA)	ND		60.2	57.3		ng/L		95	70 - 130	2	30
Perfluoroundecanoic acid (PFUnA)	ND		60.2	58.7		ng/L		98	70 - 130	0	30
Perfluorobutanoic acid (PFBA)	ND		60.2	60.2		ng/L		100	70 - 130	2	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	ND		60.2	59.7		ng/L		99	70 - 130	3	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	ND		60.2	61.4		ng/L		102	70 - 130	2	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	ND		60.2	60.4		ng/L		100	70 - 130	0	30

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: 380-74289-5 MSD
Matrix: Drinking Water
Analysis Batch: 67331

Client Sample ID: DW122
Prep Type: Total/NA
Prep Batch: 67259

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	ND		60.2	55.0		ng/L		91	70 - 130	5	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	ND		60.2	58.0		ng/L		96	70 - 130	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND		60.2	59.2		ng/L		98	70 - 130	1	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND		60.2	55.2		ng/L		92	70 - 130	7	30
Perfluoropentanoic acid (PFPeA)	ND		60.2	57.5		ng/L		95	70 - 130	8	30
Perfluoroheptanesulfonic acid (PFHpS)	ND		60.2	58.0		ng/L		96	70 - 130	0	30
Perfluoropentanesulfonic acid (PFPeS)	ND		60.2	56.5		ng/L		94	70 - 130	1	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
13C3 HFPO-DA	82		50 - 200
13C6 PFDA	104		50 - 200
13C5 PFHxA	93		50 - 200
13C4 PFHpA	94		50 - 200
13C8 PFOA	98		50 - 200
13C9 PFNA	103		50 - 200
13C7 PFUnA	101		50 - 200
13C2 PFDoA	102		50 - 200
13C4 PFBA	93		50 - 200
13C5 PFPeA	98		50 - 200
13C3 PFBS	94		50 - 200
13C3 PFHxS	96		50 - 200
13C8 PFOS	103		50 - 200
13C2-4:2-FTS	116		50 - 200
13C2-6:2-FTS	123		50 - 200
13C2-8:2-FTS	144		50 - 200

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

Lab Sample ID: MBL 380-67367/21-A
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 67367

Analyte	MBL Result	MBL Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 10:39	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 10:39	1
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 10:39	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		12/11/23 13:45	12/12/23 10:39	1

Surrogate	MBL %Recovery	MBL Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	106		70 - 130	12/11/23 13:45	12/12/23 10:39	1
13C2 PFHxA	101		70 - 130	12/11/23 13:45	12/12/23 10:39	1
13C3-GenX	109		70 - 130	12/11/23 13:45	12/12/23 10:39	1
d5-NEtFOSAA	110		70 - 130	12/11/23 13:45	12/12/23 10:39	1

Eurofins Eaton Analytical Pomona

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: LCS 380-67367/23-A
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67367

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	50.1	52.8		ng/L		105	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	50.1	50.1		ng/L		100	70 - 130
Perfluorotetradecanoic acid (PFTA)	50.1	65.0		ng/L		130	70 - 130
Perfluorotridecanoic acid (PFTrDA)	50.1	54.6		ng/L		109	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
13C2 PFDA	111		70 - 130
13C2 PFHxA	113		70 - 130
13C3-GenX	124		70 - 130
d5-NEtFOSAA	106		70 - 130

Lab Sample ID: LCSD 380-67367/24-A
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 67367

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	50.1	52.0		ng/L		104	70 - 130	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	50.1	49.9		ng/L		100	70 - 130	0	30
Perfluorotetradecanoic acid (PFTA)	50.1	62.9		ng/L		126	70 - 130	3	30
Perfluorotridecanoic acid (PFTrDA)	50.1	54.3		ng/L		108	70 - 130	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
13C2 PFDA	110		70 - 130
13C2 PFHxA	109		70 - 130
13C3-GenX	122		70 - 130
d5-NEtFOSAA	104		70 - 130

Lab Sample ID: MRL 380-67367/22-A
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67367

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.12		ng/L		106	50 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	1.93	J	ng/L		96	50 - 150
Perfluorotetradecanoic acid (PFTA)	2.00	2.18		ng/L		109	50 - 150
Perfluorotridecanoic acid (PFTrDA)	2.00	1.99	J	ng/L		99	50 - 150

QC Sample Results

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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

Lab Sample ID: MRL 380-67367/22-A
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 67367

<i>Surrogate</i>	<i>MRL %Recovery</i>	<i>MRL Qualifier</i>	<i>Limits</i>
13C2 PFDA	97		70 - 130
13C2 PFHxA	93		70 - 130
13C3-GenX	104		70 - 130
d5-NEtFOSAA	106		70 - 130

Lab Sample ID: 380-74289-5 MS
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: DW122
Prep Type: Total/NA
Prep Batch: 67367

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MS Result</i>	<i>MS Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		50.1	53.1		ng/L		106	70 - 130
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		50.1	49.5		ng/L		99	70 - 130
Perfluorotetradecanoic acid (PFTA)	ND		50.1	57.7		ng/L		115	70 - 130
Perfluorotridecanoic acid (PFTrDA)	ND		50.1	51.7		ng/L		103	70 - 130

<i>Surrogate</i>	<i>MS %Recovery</i>	<i>MS Qualifier</i>	<i>Limits</i>
13C2 PFDA	106		70 - 130
13C2 PFHxA	110		70 - 130
13C3-GenX	119		70 - 130
d5-NEtFOSAA	110		70 - 130

Lab Sample ID: 380-74289-5 MSD
Matrix: Drinking Water
Analysis Batch: 67492

Client Sample ID: DW122
Prep Type: Total/NA
Prep Batch: 67367

<i>Analyte</i>	<i>Sample Result</i>	<i>Sample Qualifier</i>	<i>Spike Added</i>	<i>MSD Result</i>	<i>MSD Qualifier</i>	<i>Unit</i>	<i>D</i>	<i>%Rec</i>	<i>%Rec Limits</i>	<i>RPD</i>	<i>RPD Limit</i>
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		50.0	51.3		ng/L		103	70 - 130	4	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		50.0	49.1		ng/L		98	70 - 130	1	30
Perfluorotetradecanoic acid (PFTA)	ND		50.0	58.5		ng/L		117	70 - 130	2	30
Perfluorotridecanoic acid (PFTrDA)	ND		50.0	53.2		ng/L		106	70 - 130	3	30

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
13C2 PFDA	107		70 - 130
13C2 PFHxA	109		70 - 130
13C3-GenX	122		70 - 130
d5-NEtFOSAA	105		70 - 130

QC Association Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

LCMS

Prep Batch: 67259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-74289-1	DW070	Total/NA	Drinking Water	533	
380-74289-2	DW070-FRB	Total/NA	Drinking Water	533	
380-74289-3	DW069	Total/NA	Drinking Water	533	
380-74289-5	DW122	Total/NA	Drinking Water	533	
380-74289-8	DW122-DUP	Total/NA	Drinking Water	533	
MBL 380-67259/21-A	Method Blank	Total/NA	Drinking Water	533	
LCS 380-67259/23-A	Lab Control Sample	Total/NA	Drinking Water	533	
LCSD 380-67259/24-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	
MRL 380-67259/22-A	Lab Control Sample	Total/NA	Drinking Water	533	
380-74289-5 MS	DW122	Total/NA	Drinking Water	533	
380-74289-5 MSD	DW122	Total/NA	Drinking Water	533	

Analysis Batch: 67331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-74289-1	DW070	Total/NA	Drinking Water	533	67259
380-74289-2	DW070-FRB	Total/NA	Drinking Water	533	67259
380-74289-3	DW069	Total/NA	Drinking Water	533	67259
380-74289-5	DW122	Total/NA	Drinking Water	533	67259
380-74289-8	DW122-DUP	Total/NA	Drinking Water	533	67259
MBL 380-67259/21-A	Method Blank	Total/NA	Drinking Water	533	67259
LCS 380-67259/23-A	Lab Control Sample	Total/NA	Drinking Water	533	67259
LCSD 380-67259/24-A	Lab Control Sample Dup	Total/NA	Drinking Water	533	67259
MRL 380-67259/22-A	Lab Control Sample	Total/NA	Drinking Water	533	67259
380-74289-5 MS	DW122	Total/NA	Drinking Water	533	67259
380-74289-5 MSD	DW122	Total/NA	Drinking Water	533	67259

Prep Batch: 67367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-74289-1	DW070	Total/NA	Drinking Water	537.1 DW	
380-74289-3	DW069	Total/NA	Drinking Water	537.1 DW	
380-74289-5	DW122	Total/NA	Drinking Water	537.1 DW	
380-74289-8	DW122-DUP	Total/NA	Drinking Water	537.1 DW	
MBL 380-67367/21-A	Method Blank	Total/NA	Drinking Water	537.1 DW	
LCS 380-67367/23-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	
LCSD 380-67367/24-A	Lab Control Sample Dup	Total/NA	Drinking Water	537.1 DW	
MRL 380-67367/22-A	Lab Control Sample	Total/NA	Drinking Water	537.1 DW	
380-74289-5 MS	DW122	Total/NA	Drinking Water	537.1 DW	
380-74289-5 MSD	DW122	Total/NA	Drinking Water	537.1 DW	

Analysis Batch: 67492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
380-74289-1	DW070	Total/NA	Drinking Water	537.1	67367
380-74289-3	DW069	Total/NA	Drinking Water	537.1	67367
380-74289-5	DW122	Total/NA	Drinking Water	537.1	67367
380-74289-8	DW122-DUP	Total/NA	Drinking Water	537.1	67367
MBL 380-67367/21-A	Method Blank	Total/NA	Drinking Water	537.1	67367
LCS 380-67367/23-A	Lab Control Sample	Total/NA	Drinking Water	537.1	67367
LCSD 380-67367/24-A	Lab Control Sample Dup	Total/NA	Drinking Water	537.1	67367
MRL 380-67367/22-A	Lab Control Sample	Total/NA	Drinking Water	537.1	67367
380-74289-5 MS	DW122	Total/NA	Drinking Water	537.1	67367
380-74289-5 MSD	DW122	Total/NA	Drinking Water	537.1	67367

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Lab Chronicle

Client: Broadbent & Associates, Inc.
 Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Client Sample ID: DW070

Date Collected: 12/04/23 08:35

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-1

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			67259	T2EP	EA POM	12/10/23 14:20
Total/NA	Analysis	533		1	67331	SZ9R	EA POM	12/11/23 18:31
Total/NA	Prep	537.1 DW			67367	A5GB	EA POM	12/11/23 13:45
Total/NA	Analysis	537.1		1	67492	R6YA	EA POM	12/12/23 12:46

Client Sample ID: DW070-FRB

Date Collected: 12/04/23 08:35

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-2

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			67259	T2EP	EA POM	12/10/23 14:20
Total/NA	Analysis	533		1	67331	SZ9R	EA POM	12/11/23 18:41

Client Sample ID: DW069

Date Collected: 12/04/23 08:55

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-3

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			67259	T2EP	EA POM	12/10/23 14:20
Total/NA	Analysis	533		1	67331	SZ9R	EA POM	12/11/23 18:51
Total/NA	Prep	537.1 DW			67367	A5GB	EA POM	12/11/23 13:45
Total/NA	Analysis	537.1		1	67492	R6YA	EA POM	12/12/23 13:06

Client Sample ID: DW122

Date Collected: 12/04/23 11:15

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-5

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			67259	T2EP	EA POM	12/10/23 14:20
Total/NA	Analysis	533		1	67331	SZ9R	EA POM	12/11/23 16:17
Total/NA	Prep	537.1 DW			67367	A5GB	EA POM	12/11/23 13:45
Total/NA	Analysis	537.1		1	67492	R6YA	EA POM	12/12/23 11:19

Client Sample ID: DW122-DUP

Date Collected: 12/04/23 11:15

Date Received: 12/08/23 09:45

Lab Sample ID: 380-74289-8

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Batch Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	533			67259	T2EP	EA POM	12/10/23 14:20
Total/NA	Analysis	533		1	67331	SZ9R	EA POM	12/11/23 19:29
Total/NA	Prep	537.1 DW			67367	A5GB	EA POM	12/11/23 13:45
Total/NA	Analysis	537.1		1	67492	R6YA	EA POM	12/12/23 13:57

Laboratory References:

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

Accreditation/Certification Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Laboratory: Eurofins Eaton Analytical Pomona

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

Authority	Program	Identification Number	Expiration Date
Nevada	State	CA00006	07-31-24

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

Method Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

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



Sample Summary

Client: Broadbent & Associates, Inc.
Project/Site: Nevada DEP PFAS RFP

Job ID: 380-74289-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
380-74289-1	DW070	Drinking Water	12/04/23 08:35	12/08/23 09:45
380-74289-2	DW070-FRB	Drinking Water	12/04/23 08:35	12/08/23 09:45
380-74289-3	DW069	Drinking Water	12/04/23 08:55	12/08/23 09:45
380-74289-5	DW122	Drinking Water	12/04/23 11:15	12/08/23 09:45
380-74289-8	DW122-DUP	Drinking Water	12/04/23 11:15	12/08/23 09:45

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

Chain of Custody Record

Address: Eurofins Eaton Analytical inc
 941 Corporate Center Dr.
 Pomona CA 91768

704713



Environment Testing
 America

TAL-8210

Regulatory Program: DW NPDES RCRA Other:

Client Contact
 Company Name: Boardman Associates
 Address: 81W Pacific Ave
 City/State/Zip: Henderson NV 89015
 Phone: 702 563 0600
 Fax: _____
 Project Name: NDGP PFAS
 Site: _____
 P O #: _____

Project Manager: J Fortmann
 Tell/Email: _____

Analysis Turnaround Time
 CALENDAR DAYS WORKING DAYS
 TAT if different from Below _____
 2 weeks
 1 week
 2 days
 1 day

Site Contact: _____
 Lab Contact: _____
 Date: _____
 Carrier: _____

COC No: _____ of _____ COCs
 Sampler: _____
 For Lab Use Only:
 Walk-in Client: _____
 Lab Sampling: _____
 Job / SDG No.: _____

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
DW070	12-4-23	0835	G		4	N	X	
DW070-FRB		0835			2	N	X	
DW069		0855			4	N	X	
DW069-FRB		0855			2	N	X	
DW122		1115			4	N	X	
DW122-FRB					2	N	X	
DW122-DUP-FRB					2	N	X	
DW122-DUP					4	N	X	
DW122-MS/MSD					4	Y	X	



380-74289 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
 Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazardous Flammable Skin Irritant Poison B Unknown

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return to Client Disposal by Lab Archive for _____ Months

Cooler Temp. (°C) Obs'd: _____ Cor'd _____ Therm ID No.: _____

Relinquished by: [Signature] Date/Time: 12/4/23 1600 Company: BAI
 Relinquished by: [Signature] Date/Time: 12/4/23 945 Company: EKAP
 Relinquished by: _____ Date/Time: _____ Company: _____

File # 791405246986

630A 3.3-0.2-3.0 Real File



Login Sample Receipt Checklist

Client: Broadbent & Associates, Inc.

Job Number: 380-74289-1

Login Number: 74289

List Number: 1

Creator: Orozco, Jocelyn

List Source: Eurofins Eaton Analytical Pomona

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and 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	
Samples do not require splitting or compositing.	True	
Container provided by EEA	True	