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ANALYTICAL REPORT

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Laboratory Job ID: 550-187483-1
Laboratory Sample Delivery Group: City of Prescott (Part 2)
Client Project/Site: ADEQ PFAS SCREENING
Revision: 2

For:
Arizona Dept of Environmental Quality
1110 W. Washington St., MC5415B-1
Phoenix, Arizona 85007

Attn: David A Burchard

Authorized for release by:
8/25/2022 10:00:21 AM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

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Glossary

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

Job ID: 550-187483-1

Laboratory: Eurofins Phoenix

Narrative

Job Narrative
550-187483-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 8/18/2022. The report (revision 2) is being revised due to: C emailed 8/22/2022 requesting the sample IDs from samples -008 and -009 match the COC. This revised report (2) reflects this change.

Report revision history
Revision 1 - 8/22/2022 - Reason - Client emailed 8/18/2022 requesting additional 0 and dashes be removed from the sample ID Please see attached email for exact changes to the sample IDs. This revised report (1) reflects these changes.

Receipt
The samples were received on 7/20/2022 3:08 PM. 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 was 1.2º C.

LCMS
Method 537.1 DW: Due to method requirements causing the spike amount of the LCS/MS/MSD to rotate, the associated prep batch 320-606112 was spiked at low level concentrations.

(190-29356-A-1-B LMS) and (190-29356-A-1-C LMSD)

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

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

Sample Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
550-187483-1	55-606021-5	Water	07/20/22 11:11	07/20/22 15:08
550-187483-2	55-606021-5 - DUP	Water	07/20/22 11:12	07/20/22 15:08
550-187483-3	55-606021-5 - FRB	Water	07/20/22 11:14	07/20/22 15:08
550-187483-4	55-606022-4	Water	07/20/22 11:25	07/20/22 15:08
550-187483-7	55-606023-3	Water	07/20/22 11:00	07/20/22 15:08
550-187483-8	55-6060233-3 - DUP	Water	07/20/22 11:01	07/20/22 15:08
550-187483-9	55-6060233-3 - FRB	Water	07/20/22 11:03	07/20/22 15:08
550-187483-10	55-606024-1	Water	07/20/22 12:11	07/20/22 15:08
550-187483-11	55-606024-1 - DUP	Water	07/20/22 12:09	07/20/22 15:08
550-187483-12	55-606024-1 - FRB	Water	07/20/22 12:08	07/20/22 15:08
550-187483-13	55-606025-2	Water	07/20/22 10:50	07/20/22 15:08
550-187483-14	55-606025-2 - DUP	Water	07/20/22 10:51	07/20/22 15:08
550-187483-15	55-606025-2 - FRB	Water	07/20/22 10:52	07/20/22 15:08

Detection Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606021-5 — Lab Sample ID: 550-187483-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.5		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.3		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.2		1.8		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606021-5 - DUP — Lab Sample ID: 550-187483-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.6		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.4		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.3		1.8		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606021-5 - FRB — Lab Sample ID: 550-187483-3

No Detections.

Client Sample ID: 55-606022-4 — Lab Sample ID: 550-187483-4

No Detections.

Client Sample ID: 55-606023-3 — Lab Sample ID: 550-187483-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.6		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.5		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.4		1.9		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-6060233-3 - DUP — Lab Sample ID: 550-187483-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.6		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.6		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.3		1.9		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-6060233-3 - FRB — Lab Sample ID: 550-187483-9

No Detections.

Client Sample ID: 55-606024-1 — Lab Sample ID: 550-187483-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.6		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.6		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.5		1.8		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606024-1 - DUP — Lab Sample ID: 550-187483-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.2		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.0		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.8		1.8		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606024-1 - FRB — Lab Sample ID: 550-187483-12

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606025-2 — Lab Sample ID: 550-187483-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	3.9		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.7		1.8		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.8		1.8		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606025-2 - DUP — Lab Sample ID: 550-187483-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid (PFHxA)	4.3		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorooctanoic acid (PFOA)	3.8		1.9		ng/L	1		537.1 DW	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	3.8		1.9		ng/L	1		537.1 DW	Total/NA

Client Sample ID: 55-606025-2 - FRB — Lab Sample ID: 550-187483-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606021-5

Lab Sample ID: 550-187483-1
Date Collected: 07/20/22 11:11
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.5**		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorooctanoic acid (PFOA)	**3.3**		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorohexanesulfonic acid (PFHxS)	**3.2**		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*100*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:15*	*1*
13C2 PFDA	*97*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:15*	*1*
d5-NEtFOSAA	*98*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:15*	*1*
13C3 HFPO-DA	*98*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:15*	*1*

Client Sample ID: 55-606021-5 - DUP

Lab Sample ID: 550-187483-2
Date Collected: 07/20/22 11:12
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.6**		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorooctanoic acid (PFOA)	**3.4**		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorohexanesulfonic acid (PFHxS)	**3.3**		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1

Client Sample ID: 55-606021-5 - DUP

Lab Sample ID: 550-187483-2

Date Collected: 07/20/22 11:12
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*102*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:22*	*1*
13C2 PFDA	*104*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:22*	*1*
d5-NEtFOSAA	*100*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:22*	*1*
13C3 HFPO-DA	*101*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:22*	*1*

Client Sample ID: 55-606021-5 - FRB

Lab Sample ID: 550-187483-3

Date Collected: 07/20/22 11:14
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorooctanoic acid (PFOA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
NMeFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
NEtFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
9Cl-PF3ONS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
11Cl-PF3OUdS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
HFPO-DA (GenX)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*105*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:30*	*1*
13C2 PFDA	*100*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:30*	*1*
d5-NEtFOSAA	*98*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:30*	*1*
13C3 HFPO-DA	*103*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:30*	*1*

Client Sample ID: 55-606022-4

Lab Sample ID: 550-187483-4

Date Collected: 07/20/22 11:25
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1

Client Sample ID: 55-606022-4

Lab Sample ID: 550-187483-4

Date Collected: 07/20/22 11:25
Date Received: 07/20/22 15:08
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*86*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:38*	*1*
13C2 PFDA	*82*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:38*	*1*
d5-NEtFOSAA	*80*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:38*	*1*
13C3 HFPO-DA	*87*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:38*	*1*

Client Sample ID: 55-606023-3

Lab Sample ID: 550-187483-7

Date Collected: 07/20/22 11:00
Date Received: 07/20/22 15:08
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.6**		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorooctanoic acid (PFOA)	**3.5**		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorohexanesulfonic acid (PFHxS)	**3.4**		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
NMeFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
NEtFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
9Cl-PF3ONS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
11Cl-PF3OUdS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
HFPO-DA (GenX)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*87*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:00*	*1*

Client Sample ID: 55-606023-3

Lab Sample ID: 550-187483-7

Date Collected: 07/20/22 11:00
Date Received: 07/20/22 15:08

Matrix: Water

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDA	*86*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:00*	*1*
d5-NEtFOSAA	*86*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:00*	*1*
13C3 HFPO-DA	*88*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:00*	*1*

Client Sample ID: 55-6060233-3 - DUP

Lab Sample ID: 550-187483-8

Date Collected: 07/20/22 11:01
Date Received: 07/20/22 15:08

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.6**		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorooctanoic acid (PFOA)	**3.6**		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorohexanesulfonic acid (PFHxS)	**3.3**		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
NMeFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
NEtFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
9Cl-PF3ONS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
11Cl-PF3OUdS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
HFPO-DA (GenX)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*89*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:08*	*1*
13C2 PFDA	*88*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:08*	*1*
d5-NEtFOSAA	*86*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:08*	*1*
13C3 HFPO-DA	*92*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:08*	*1*

Client Sample ID: 55-6060233-3 - FRB

Lab Sample ID: 550-187483-9

Date Collected: 07/20/22 11:03
Date Received: 07/20/22 15:08

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1

Client Sample ID: 55-6060233-3 - FRB

Lab Sample ID: 550-187483-9

Date Collected: 07/20/22 11:03
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*91*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:23*	*1*
13C2 PFDA	*85*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:23*	*1*
d5-NEtFOSAA	*82*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:23*	*1*
13C3 HFPO-DA	*94*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:23*	*1*

Client Sample ID: 55-606024-1

Lab Sample ID: 550-187483-10

Date Collected: 07/20/22 12:11
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.6**		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorooctanoic acid (PFOA)	**3.6**		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorohexanesulfonic acid (PFHxS)	**3.5**		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*91*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:30*	*1*
13C2 PFDA	*90*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:30*	*1*
d5-NEtFOSAA	*89*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:30*	*1*
13C3 HFPO-DA	*91*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:30*	*1*

Client Sample Results

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606024-1 - DUP

Lab Sample ID: 550-187483-11
Date Collected: 07/20/22 12:09
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.2**		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorooctanoic acid (PFOA)	**3.0**		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorohexanesulfonic acid (PFHxS)	**2.8**		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*74*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:38*	*1*
13C2 PFDA	*75*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:38*	*1*
d5-NEtFOSAA	*76*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:38*	*1*
13C3 HFPO-DA	*75*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:38*	*1*

Client Sample ID: 55-606024-1 - FRB

Lab Sample ID: 550-187483-12
Date Collected: 07/20/22 12:08
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1

Client Sample ID: 55-606024-1 - FRB

Lab Sample ID: 550-187483-12

Date Collected: 07/20/22 12:08
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*94*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:45*	*1*
13C2 PFDA	*91*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:45*	*1*
d5-NEtFOSAA	*90*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:45*	*1*
13C3 HFPO-DA	*92*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:45*	*1*

Client Sample ID: 55-606025-2

Lab Sample ID: 550-187483-13

Date Collected: 07/20/22 10:50
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**3.9**		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorooctanoic acid (PFOA)	**3.7**		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorohexanesulfonic acid (PFHxS)	**3.8**		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*97*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:53*	*1*
13C2 PFDA	*95*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:53*	*1*
d5-NEtFOSAA	*94*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:53*	*1*
13C3 HFPO-DA	*97*		*70 - 130*	*07/29/22 04:58*	*08/02/22 01:53*	*1*

Client Sample ID: 55-606025-2 - DUP

Lab Sample ID: 550-187483-14

Date Collected: 07/20/22 10:51
Matrix: Water
Date Received: 07/20/22 15:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	**4.3**		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluoroheptanoic acid (PFHpA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorooctanoic acid (PFOA)	**3.8**		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorononanoic acid (PFNA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1

Client Sample ID: 55-606025-2 - DUP

Lab Sample ID: 550-187483-14

Date Collected: 07/20/22 10:51
Date Received: 07/20/22 15:08

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluoroundecanoic acid (PFUnA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorododecanoic acid (PFDoA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorohexanesulfonic acid (PFHxS)	**3.8**		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
NMeFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
NEtFOSAA	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
9Cl-PF3ONS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
11Cl-PF3OUdS	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
HFPO-DA (GenX)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.9		ng/L		07/29/22 04:58	08/02/22 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*100*		*70 - 130*	*07/29/22 04:58*	*08/02/22 02:01*	*1*
13C2 PFDA	*101*		*70 - 130*	*07/29/22 04:58*	*08/02/22 02:01*	*1*
d5-NEtFOSAA	*97*		*70 - 130*	*07/29/22 04:58*	*08/02/22 02:01*	*1*
13C3 HFPO-DA	*102*		*70 - 130*	*07/29/22 04:58*	*08/02/22 02:01*	*1*

Client Sample ID: 55-606025-2 - FRB

Lab Sample ID: 550-187483-15

Date Collected: 07/20/22 10:52
Date Received: 07/20/22 15:08

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluoroheptanoic acid (PFHpA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorooctanoic acid (PFOA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorononanoic acid (PFNA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorodecanoic acid (PFDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluoroundecanoic acid (PFUnA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorododecanoic acid (PFDoA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorotridecanoic acid (PFTrDA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorotetradecanoic acid (PFTeA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorobutanesulfonic acid (PFBS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorohexanesulfonic acid (PFHxS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
Perfluorooctanesulfonic acid (PFOS)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
NMeFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
NEtFOSAA	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
9Cl-PF3ONS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
11Cl-PF3OUdS	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
HFPO-DA (GenX)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		1.8		ng/L		07/29/22 04:58	08/02/22 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*104*		*70 - 130*	*07/29/22 04:58*	*08/02/22 02:08*	*1*

Client Sample ID: 55-606025-2 - FRB

Date Collected: 07/20/22 10:52
Date Received: 07/20/22 15:08

Lab Sample ID: 550-187483-15

Matrix: Water

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	102		70 - 130	07/29/22 04:58	08/02/22 02:08	1
d5-NEtFOSAA	97		70 - 130	07/29/22 04:58	08/02/22 02:08	1
13C3 HFPO-DA	110		70 - 130	07/29/22 04:58	08/02/22 02:08	1

Surrogate Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	**Client Sample ID**	**PFHxA (70-130)**	**PFDA (70-130)**	**d5NEFOS (70-130)**	**HFPODA (70-130)**
190-29356-A-1-B LMS	Matrix Spike	103	89	79	106
190-29356-A-1-C LMSD	Matrix Spike Duplicate	108	105	105	110
550-187483-1	55-606021-5	100	97	98	98
550-187483-2	55-606021-5 - DUP	102	104	100	101
550-187483-3	55-606021-5 - FRB	105	100	98	103
550-187483-4	55-606022-4	86	82	80	87
550-187483-7	55-606023-3	87	86	86	88
550-187483-8	55-6060233-3 - DUP	89	88	86	92
550-187483-9	55-6060233-3 - FRB	91	85	82	94
550-187483-10	55-606024-1	91	90	89	91
550-187483-11	55-606024-1 - DUP	74	75	76	75
550-187483-12	55-606024-1 - FRB	94	91	90	92
550-187483-13	55-606025-2	97	95	94	97
550-187483-14	55-606025-2 - DUP	100	101	97	102
550-187483-15	55-606025-2 - FRB	104	102	97	110
LLCS 320-606112/2-A	Lab Control Sample	88	87	85	92
MB 320-606112/1-A	Method Blank	88	86	81	89

Surrogate Legend

PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
d5NEFOS = d5-NEtFOSAA
HFPODA = 13C3 HFPO-DA

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

Lab Sample ID: MB 320-606112/1-A
Matrix: Water
Analysis Batch: 606852

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 606112

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorotetradecanoic acid (PFTeA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
NMeFOSAA	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
NEtFOSAA	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
9Cl-PF3ONS	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
11Cl-PF3OUdS	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
HFPO-DA (GenX)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		07/29/22 04:58	08/02/22 00:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFHxA	*88*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:00*	*1*
13C2 PFDA	*86*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:00*	*1*
d5-NEtFOSAA	*81*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:00*	*1*
13C3 HFPO-DA	*89*		*70 - 130*	*07/29/22 04:58*	*08/02/22 00:00*	*1*

Lab Sample ID: LLCS 320-606112/2-A
Matrix: Water
Analysis Batch: 606852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606112

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	4.00	4.04		ng/L		101	50 - 150
Perfluoroheptanoic acid (PFHpA)	4.00	3.92		ng/L		98	50 - 150
Perfluorooctanoic acid (PFOA)	4.00	4.15		ng/L		104	50 - 150
Perfluorononanoic acid (PFNA)	4.00	3.75		ng/L		94	50 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.82		ng/L		95	50 - 150
Perfluoroundecanoic acid (PFUnA)	4.00	3.57		ng/L		89	50 - 150
Perfluorododecanoic acid (PFDoA)	4.00	3.55		ng/L		89	50 - 150
Perfluorotridecanoic acid (PFTrDA)	4.00	3.52		ng/L		88	50 - 150
Perfluorotetradecanoic acid (PFTeA)	4.00	2.61		ng/L		65	50 - 150
Perfluorobutanesulfonic acid (PFBS)	3.55	3.69		ng/L		104	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.77		ng/L		103	50 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.60		ng/L		97	50 - 150

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

Lab Sample ID: LLCS 320-606112/2-A
Matrix: Water
Analysis Batch: 606852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 606112

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
NMeFOSAA	4.00	3.80		ng/L		95	50 - 150
NEtFOSAA	4.00	3.81		ng/L		95	50 - 150
9Cl-PF3ONS	3.74	2.99		ng/L		80	50 - 150
11Cl-PF3OUdS	3.77	2.99		ng/L		79	50 - 150
HFPO-DA (GenX)	4.00	3.39		ng/L		85	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.73		ng/L		99	50 - 150

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
13C2 PFHxA	*88*		*70 - 130*
13C2 PFDA	*87*		*70 - 130*
d5-NEtFOSAA	*85*		*70 - 130*
13C3 HFPO-DA	*92*		*70 - 130*

Lab Sample ID: 190-29356-A-1-B LMS
Matrix: Water
Analysis Batch: 606856

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 606112

Analyte	Sample Result	Sample Qualifier	Spike Added	LMS Result	LMS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorohexanoic acid (PFHxA)	ND		3.83	4.45		ng/L		116	50 - 150
Perfluoroheptanoic acid (PFHpA)	ND		3.83	4.27		ng/L		112	50 - 150
Perfluorooctanoic acid (PFOA)	ND		3.83	4.53		ng/L		118	50 - 150
Perfluorononanoic acid (PFNA)	ND		3.83	4.32		ng/L		113	50 - 150
Perfluorodecanoic acid (PFDA)	ND		3.83	3.63		ng/L		95	50 - 150
Perfluoroundecanoic acid (PFUnA)	ND		3.83	3.17		ng/L		83	50 - 150
Perfluorododecanoic acid (PFDoA)	ND		3.83	2.94		ng/L		77	50 - 150
Perfluorotridecanoic acid (PFTrDA)	ND		3.83	3.16		ng/L		83	50 - 150
Perfluorotetradecanoic acid (PFTeA)	ND		3.83	3.27		ng/L		85	50 - 150
Perfluorobutanesulfonic acid (PFBS)	ND		3.40	4.17		ng/L		123	50 - 150
Perfluorohexanesulfonic acid (PFHxS)	ND		3.49	3.97		ng/L		114	50 - 150
Perfluorooctanesulfonic acid (PFOS)	ND		3.56	3.66		ng/L		103	50 - 150
NMeFOSAA	ND		3.83	3.49		ng/L		91	50 - 150
NEtFOSAA	ND		3.83	3.27		ng/L		86	50 - 150
9Cl-PF3ONS	ND		3.57	3.15		ng/L		88	50 - 150
11Cl-PF3OUdS	ND		3.61	2.42		ng/L		67	50 - 150
HFPO-DA (GenX)	ND		3.83	3.71		ng/L		97	50 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		3.61	4.23		ng/L		117	50 - 150

Surrogate	*LMS %Recovery*	*LMS Qualifier*	*Limits*
13C2 PFHxA	*103*		*70 - 130*
13C2 PFDA	*89*		*70 - 130*
d5-NEtFOSAA	*79*		*70 - 130*

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

Lab Sample ID: 190-29356-A-1-B LMS
Matrix: Water
Analysis Batch: 606856

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 606112

Surrogate	*LMS %Recovery*	*LMS Qualifier*	*Limits*
13C3 HFPO-DA	*106*		*70 - 130*

Lab Sample ID: 190-29356-A-1-C LMSD
Matrix: Water
Analysis Batch: 606856

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 606112

Analyte	Sample Result	Sample Qualifier	Spike Added	LMSD Result	LMSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid (PFHxA)	ND		3.68	4.33		ng/L		117	50 - 150	3	50
Perfluoroheptanoic acid (PFHpA)	ND		3.68	4.26		ng/L		116	50 - 150	0	50
Perfluorooctanoic acid (PFOA)	ND		3.68	4.50		ng/L		122	50 - 150	1	50
Perfluorononanoic acid (PFNA)	ND		3.68	4.24		ng/L		115	50 - 150	2	50
Perfluorodecanoic acid (PFDA)	ND		3.68	3.99		ng/L		108	50 - 150	9	50
Perfluoroundecanoic acid (PFUnA)	ND		3.68	3.82		ng/L		104	50 - 150	19	50
Perfluorododecanoic acid (PFDoA)	ND		3.68	3.65		ng/L		99	50 - 150	22	50
Perfluorotridecanoic acid (PFTrDA)	ND		3.68	3.83		ng/L		104	50 - 150	19	50
Perfluorotetradecanoic acid (PFTeA)	ND		3.68	3.54		ng/L		96	50 - 150	8	50
Perfluorobutanesulfonic acid (PFBS)	ND		3.27	4.42		ng/L		135	50 - 150	6	50
Perfluorohexanesulfonic acid (PFHxS)	ND		3.36	4.25		ng/L		126	50 - 150	7	50
Perfluorooctanesulfonic acid (PFOS)	ND		3.43	4.10		ng/L		120	50 - 150	11	50
NMeFOSAA	ND		3.68	4.07		ng/L		111	50 - 150	16	50
NEtFOSAA	ND		3.68	3.98		ng/L		108	50 - 150	19	50
9Cl-PF3ONS	ND		3.44	3.23		ng/L		94	50 - 150	2	50
11Cl-PF3OUdS	ND		3.47	3.24		ng/L		93	50 - 150	29	50
HFPO-DA (GenX)	ND		3.68	3.79		ng/L		103	50 - 150	2	50
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		3.48	4.14		ng/L		119	50 - 150	2	50

Surrogate	*LMSD %Recovery*	*LMSD Qualifier*	*Limits*
13C2 PFHxA	*108*		*70 - 130*
13C2 PFDA	*105*		*70 - 130*
d5-NEtFOSAA	*105*		*70 - 130*
13C3 HFPO-DA	*110*		*70 - 130*

QC Association Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

LCMS

Prep Batch: 606112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-187483-1	55-606021-5	Total/NA	Water	537.1 DW	
550-187483-2	55-606021-5 - DUP	Total/NA	Water	537.1 DW	
550-187483-3	55-606021-5 - FRB	Total/NA	Water	537.1 DW	
550-187483-4	55-606022-4	Total/NA	Water	537.1 DW	
550-187483-7	55-606023-3	Total/NA	Water	537.1 DW	
550-187483-8	55-6060233-3 - DUP	Total/NA	Water	537.1 DW	
550-187483-9	55-6060233-3 - FRB	Total/NA	Water	537.1 DW	
550-187483-10	55-606024-1	Total/NA	Water	537.1 DW	
550-187483-11	55-606024-1 - DUP	Total/NA	Water	537.1 DW	
550-187483-12	55-606024-1 - FRB	Total/NA	Water	537.1 DW	
550-187483-13	55-606025-2	Total/NA	Water	537.1 DW	
550-187483-14	55-606025-2 - DUP	Total/NA	Water	537.1 DW	
550-187483-15	55-606025-2 - FRB	Total/NA	Water	537.1 DW	
MB 320-606112/1-A	Method Blank	Total/NA	Water	537.1 DW	
LLCS 320-606112/2-A	Lab Control Sample	Total/NA	Water	537.1 DW	
190-29356-A-1-B LMS	Matrix Spike	Total/NA	Water	537.1 DW	
190-29356-A-1-C LMSD	Matrix Spike Duplicate	Total/NA	Water	537.1 DW	

Analysis Batch: 606852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-187483-1	55-606021-5	Total/NA	Water	537.1 DW	606112
550-187483-2	55-606021-5 - DUP	Total/NA	Water	537.1 DW	606112
550-187483-3	55-606021-5 - FRB	Total/NA	Water	537.1 DW	606112
550-187483-4	55-606022-4	Total/NA	Water	537.1 DW	606112
550-187483-7	55-606023-3	Total/NA	Water	537.1 DW	606112
550-187483-8	55-6060233-3 - DUP	Total/NA	Water	537.1 DW	606112
MB 320-606112/1-A	Method Blank	Total/NA	Water	537.1 DW	606112
LLCS 320-606112/2-A	Lab Control Sample	Total/NA	Water	537.1 DW	606112

Analysis Batch: 606854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-187483-9	55-6060233-3 - FRB	Total/NA	Water	537.1 DW	606112
550-187483-10	55-606024-1	Total/NA	Water	537.1 DW	606112
550-187483-11	55-606024-1 - DUP	Total/NA	Water	537.1 DW	606112
550-187483-12	55-606024-1 - FRB	Total/NA	Water	537.1 DW	606112
550-187483-13	55-606025-2	Total/NA	Water	537.1 DW	606112
550-187483-14	55-606025-2 - DUP	Total/NA	Water	537.1 DW	606112
550-187483-15	55-606025-2 - FRB	Total/NA	Water	537.1 DW	606112

Analysis Batch: 606856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
190-29356-A-1-B LMS	Matrix Spike	Total/NA	Water	537.1 DW	606112
190-29356-A-1-C LMSD	Matrix Spike Duplicate	Total/NA	Water	537.1 DW	606112

Lab Chronicle

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606021-5
Lab Sample ID: 550-187483-1

Date Collected: 07/20/22 11:11
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 00:15

Client Sample ID: 55-606021-5 - DUP
Lab Sample ID: 550-187483-2

Date Collected: 07/20/22 11:12
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 00:22

Client Sample ID: 55-606021-5 - FRB
Lab Sample ID: 550-187483-3

Date Collected: 07/20/22 11:14
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 00:30

Client Sample ID: 55-606022-4
Lab Sample ID: 550-187483-4

Date Collected: 07/20/22 11:25
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 00:38

Client Sample ID: 55-606023-3
Lab Sample ID: 550-187483-7

Date Collected: 07/20/22 11:00
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 01:00

Client Sample ID: 55-6060233-3 - DUP
Lab Sample ID: 550-187483-8

Date Collected: 07/20/22 11:01
Date Received: 07/20/22 15:08
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606852	K1S	EET SAC	08/02/22 01:08

Lab Chronicle

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-6060233-3 - FRB
Lab Sample ID: 550-187483-9
Date Collected: 07/20/22 11:03
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 01:23

Client Sample ID: 55-606024-1
Lab Sample ID: 550-187483-10
Date Collected: 07/20/22 12:11
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 01:30

Client Sample ID: 55-606024-1 - DUP
Lab Sample ID: 550-187483-11
Date Collected: 07/20/22 12:09
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 01:38

Client Sample ID: 55-606024-1 - FRB
Lab Sample ID: 550-187483-12
Date Collected: 07/20/22 12:08
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 01:45

Client Sample ID: 55-606025-2
Lab Sample ID: 550-187483-13
Date Collected: 07/20/22 10:50
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 01:53

Client Sample ID: 55-606025-2 - DUP
Lab Sample ID: 550-187483-14
Date Collected: 07/20/22 10:51
Matrix: Water
Date Received: 07/20/22 15:08

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 02:01

Lab Chronicle

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Client Sample ID: 55-606025-2 - FRB

Date Collected: 07/20/22 10:52
Date Received: 07/20/22 15:08

Lab Sample ID: 550-187483-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537.1 DW			606112	HK	EET SAC	07/29/22 04:58
Total/NA	Analysis	537.1 DW		1	606854	K1S	EET SAC	08/02/22 02:08

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Accreditation/Certification Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Laboratory: Eurofins Sacramento

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

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0708	08-11-22

Method Summary

Client: Arizona Dept of Environmental Quality
Project/Site: ADEQ PFAS SCREENING

Job ID: 550-187483-1
SDG: City of Prescott (Part 2)

Method	Method Description	Protocol	Laboratory
537.1 DW	Perfluorinated Alkyl Acids (LC/MS)	EPA	EET SAC
537.1 DW	Extraction of Perfluorinated Alkyl Acids	EPA	EET SAC

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET SAC = Eurofins Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

Chain of Custody Record

589750

eurofins | Environment Testing TestAmerica

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

187483

TAL-8210

Client Contact			
Company Name: ADEQ	Project Manager: Jane Kim	Site Contact:	Date:
Address: 1110 W. Washington St.	Tel/Email: kim.jane@azdeq.gov	Lab Contact:	Carrier:
City/State/Zip: Phoenix, AZ 85007	Analysis Turnaround Time		
Phone: 602-771-4609	☐ CALENDAR DAYS ☐ WORKING DAYS		
Fax:	TAT if different from Below		
Project Name: City of Prescott (Part 2)	☐ 2 weeks		
Site: ADEQ PFAS screening	☐ 1 week		
P O #	☐ 2 days		
	☐ 1 day		

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)	PFAS (537.1)	Sample Specific Notes:
55-606021-5 -1	7/20/22	11:11A	G	W	2			↓	
55-606021-5-DUP -2	7/20	11:12A	G	W	2			↓	
55-606021-5-FRB -3	7/20	11:14A	–	W	1			↓	
55-606022-4 -4	7/20	11:25A	G	W	2			↓	
55-606022-4-DUP -5	7/20	11:26A	G	W	2			↓	
55-606022-4-FRB -6	7/20	11:25A	–	W	1			↓	
55-606023-3 -7	7/20	11:00A	G	W	2			↓	
55-606 0233-3-DUP -8	7/20	11:01A	G	W	2			↓	
55-606 0233-3-FRB -9	7/20	11:03A	–	W	1			↓	
55-606024-1 -10	7/20	12:11P	G	W	2			↓	
55-606024-1-DUP -11	7/20	12:09P	G	W	2			↓	
55-606024-1-FRB -12	7/20/22	12:28P	–	W	1			↓	

550-187483 Chain of Custody

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-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

1.2°C 1W CDO

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Jane Kim	ADEQ	3:09 7/20			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
			[signature]	EMS MX	7-20-22 1508

Chain of Custody Record

589751

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187483

Address:

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Jane Kim	Site Contact:	Date:	COC No:
Company Name: ADEQ	Tel/Email: Kim.jane@adeq.gov	Lab Contact:	Carrier:	____ of ____ COCs
Address: 1110 W. Washington St.	Analysis Turnaround Time			Sampler:
City/State/Zip: Phoenix AZ 85007	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ADEQ PFAS Screening	☐ 1 week			
Site: City of Prescott (PWS 29)	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	PFAS 537-1	Sample Specific Notes:
55-606025-2 -13	7/20/22	10:50A	G	W	2				
55-606025-2-DUP -14	7/20/22	10:51A	G	W	2				
55-606025-2-FRB -15	7/20/22	10:52A	—	W	1				

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-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

1.2°C ice CO2

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: ____ Corr'd: ____ | Therm ID No.: ____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Jane Kim	ADEQ	3:09 7/20/22			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: EEM DMY	Date/Time: 7-20-22 1500

Eurofins Phoenix
4625 East Cotton Center Boulevard Suite #189
Phoenix, AZ 85040
Phone: 602-437-3340

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Petrunia, Emily A	Carrier Tracking No(s):	COC No: 550-34569.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Emily.Petrunia@et.eurofinsus.com	State of Origin: Arizona	Page: Page 1 of 2
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - Arizona		Job #: 550-187483-1
Address: 880 Riverside Parkway, ,	Due Date Requested: 8/9/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: ADEQ PFAS SCREENING	Project #: 55014573			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	537.1_DW/537.1_DW_Prep EPA 537.1 List (18 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
55-606021-5 (550-187483-1)	7/20/22	11:11 Arizona		Water			X	2	
55-606021-5 - DUP (550-187483-2)	7/20/22	11:12 Arizona		Water			X	2	
55-606021-5 - FRB (550-187483-3)	7/20/22	11:14 Arizona		Water			X	1	
55-606022-4 (550-187483-4)	7/20/22	11:25 Arizona		Water			X	2	
55-606022-4 - DUP (550-187483-5)	7/20/22	11:26 Arizona		Water			X	2	
55-606022-4 - FRB (550-187483-6)	7/20/22	11:25 Arizona		Water			X	1	
55-606023-3 (550-187483-7)	7/20/22	11:00 Arizona		Water			X	2	
55-6060233-3 - DUP (550-187483-8)	7/20/22	11:01 Arizona		Water			X	2	
55-6060233-3 - FRB (550-187483-9)	7/20/22	11:03 Arizona		Water			X	1	

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

Possible Hazard Identification
Unconfirmed

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

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	7-21-22 1430	Eurofins	FED EX		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				7-22-22 9:00	GSOPHC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.: 1871550L+

Cooler Temperature(s) °C and Other Remarks: 0.9c

Ver: 06/08/2021

Eurofins Phoenix
4625 East Cotton Center Boulevard Suite #189
Phoenix, AZ 85040
Phone: 602-437-3340

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Petrunia, Emily A	Carrier Tracking No(s):	COC No: 550-34569.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Emily.Petrunia@et.eurofinsus.com	State of Origin: Arizona	Page: Page 2 of 2
Company: Eurofins Environment Testing Northern Ca		Accreditations Required (See note): State - Arizona		Job #: 550-187483-1
Address: 880 Riverside Parkway,	Due Date Requested: 8/9/2022			
City: West Sacramento	TAT Requested (days):			
State, Zip: CA, 95605				
Phone: 916-373-5600(Tel) 916-372-1059(Fax)	PO #:			
Email:	WO #:			
Project Name: ADEQ PFAS SCREENING	Project #: 55014573			
Site:	SSOW#:			

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Y - Trizma
Z - other (specify)
Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	537.1_DW/537.1_DW_Prep EPA 537.1 List (18 Analytes)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
55-606-024-1 (550-187483-10)	7/20/22	12:11 Arizona		Water			X	2	
55-606-024-1 - DUP (550-187483-11)	7/20/22	12:09 Arizona		Water			X	2	
55-606-024-1 - FRB (550-187483-12)	7/20/22	12:08 Arizona		Water			X	1	
55-606-025-2 (550-187483-13)	7/20/22	10:50 Arizona		Water			X	2	
55-606-025-2 - DUP (550-187483-14)	7/20/22	10:51 Arizona		Water			X	2	
55-606-025-2 - FRB (550-187483-15)	7/20/22	10:52 Arizona		Water			X	1	

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

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

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[illegible]	7-21-22 1430	EETA PHX	[illegible]		
				7-22-22 [illegible]	EETA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1871524	Cooler Temperature(s) °C and Other Remarks: [illegible]

Ver: 06/08/2021

eurofins | Environment Testing America

Sacramento
Sample Receiving Notes

550-187483 Field Sheet

Job: _____

Tracking # : 5290460457 82

SO / PO / FO / SAT / 2-Day / Ground / UPS / CDO / Courier
GSO / OnTrac / Goldstreak / USPS / Other _____

Use this form to record Sample Custody Seal, Cooler Custody Seal, Temperature & corrected Temperature & other observations.
File in the job folder with the COC.

Therm. ID: L-04 Corr. Factor: (+ / -) — °C

Ice ✓ Wet ____ Gel ____ Other ____

Cooler Custody Seal: 1871504

Cooler ID: _____

Temp Observed: 0.9 °C Corrected: 0.9 °C

From: Temp Blank ☑ Sample ☐

Opening/Processing The Shipment	Yes	No	NA
Cooler compromised/tampered with?	☐	☑	☐
Cooler Temperature is acceptable?	☑	☐	☐
Frozen samples show signs of thaw?	☐	☐	☑

Initials: LB Date: 7.22.22

Unpacking/Labeling The Samples	Yes	No	NA
COC is complete w/o discrepancies?	☑	☐	☐
Samples compromised/tampered with?	☐	☑	☐
Containers are not broken or leaking?	☑	☐	☐
Sample custody seal?	☐	☐	☑
Sample containers have legible labels?	☑	☐	☐
Sample date/times are provided?	☑	☐	☐
Appropriate containers are used?	☑	☐	☐
Sample bottles are completely filled?	☑	☐	☐
Sample preservatives verified?	☐	☐	☑
Is the Field Sampler's name on COC?	☐	☐	☑
Samples require splitting/compositing?	☐	☐	☑
Samples w/o discrepancies?	☑	☐	☐
Zero headspace?*	☐	☐	☑
Alkalinity has no headspace?	☐	☐	☑
Perchlorate has headspace? (Methods 314, 331, 6850)	☐	☐	☑
Multiphasic samples are not present?	☑	☐	☐

*Containers requiring zero headspace have no headspace, or bubble < 6 mm (1/4")

Initials: LB Date: 7.22.22

Notes: _____

Trizma Lot #(s): 21350130

Login Completion	Yes	No	NA
Receipt Temperature on COC?	☑	☐	☐
Samples received within hold time?	☑	☐	☐
NCM Filed?	☐	☐	☑
Log Release checked in TALS?	☐	☐	☑

Initials: LB Date: 7.22.22

Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-187483-1
SDG Number: City of Prescott (Part 2)

Login Number: 187483
List Number: 1
Creator: Maycock, Lisa

List Source: Eurofins Phoenix

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	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	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	False	Check done at department level as required.

Login Sample Receipt Checklist

Client: Arizona Dept of Environmental Quality

Job Number: 550-187483-1
SDG Number: City of Prescott (Part 2)

Login Number: 187483
List Number: 2
Creator: Simmons, Jason C

List Source: Eurofins Sacramento
List Creation: 07/22/22 02:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	1871524
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.9c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Petrunia, Emily

From: David Burchard <burchard.david@azdeq.gov>
Sent: Monday, August 22, 2022 10:27 AM
To: Petrunia, Emily
Subject: Re: Eurofins Environment Testing Southwest, LLC report and EDD files from 550-187483-1 ADEQ PFAS SCREENING

Follow Up Flag: Follow up
Flag Status: Flagged

EXTERNAL EMAIL*

Hi Emily,

Basically you are correct. The numbers below are well identification numbers that we use to ID the samples. As you indicated some extra digits were added to a couple of those numbers on the COC by the sampler.

However, we believe it's best if the COC and the report match.

Thanks

David Burchard, M.B.A.
Hydrologist, Drinking Water Programs and Engineering Unit
Ph: 602-771-4298

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On Mon, Aug 22, 2022 at 10:01 AM David Burchard <burchard.david@azdeq.gov> wrote:
I was confused as well. Unfortunately the sampler made a mistake. I will call shortly.

David Burchard, M.B.A.
Hydrologist, Drinking Water Programs and Engineering Unit

Ph: 602-771-4298

azdeq.gov

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On Mon, Aug 22, 2022 at 9:47 AM Petrunia, Emily <Emily.Petrunia@et.eurofinsus.com> wrote:

Okay, now I am a little confused, you would like the "0" placed back into samples -8 & -9? I can do that, no problem. I am a little confused at the system you have used to label the containers. They all follow the sample ID format below:

55-60602X-X

55-60602X-X-DUP

55-60602X-X-FRB

But the format you have for samples 7, 8, & 9 is as followed:

55-60602X-X

55-60602XX-X-DUP

55-60602XX-X-FRB

This additional X in the DUP and the FRB is confusing to me, I think the sample ID for samples 7, 8, & 9 should be as follows, correct me if I am wrong:

55-606023-3

55-606023-3-DUP

55-606023-3-FRB

Thank you,

Emily Petrunia

Project Manager

Eurofins Environment Testing America - Phoenix

4625 E. Cotton Center Blvd. Suite189

Direct: 602-659-7629

Main: 602-437-3340

Note: All rush turnaround times must be pre-approved by the laboratory prior to arrival at the lab.

Emily.Petrunia@ET.EurofinsUS.com

www.EurofinsUS.com/Env

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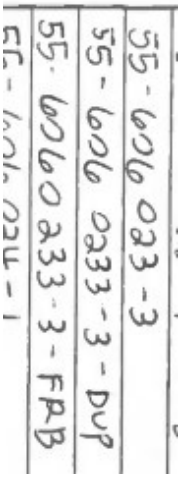
From: David Burchard <burchard.david@azdeq.gov>
Sent: Monday, August 22, 2022 9:24 AM
To: Petrunia, Emily <Emily.Petrunia@et.eurofinsus.com>
Subject: Re: Eurofins Environment Testing Southwest, LLC report and EDD files from 550-187483-1 ADEQ PFAS SCREENING

EXTERNAL EMAIL*

Sorry Emily,

The sampler made an error on the COC below.



The Report and the COC should match

550-187483-7	55-606023-3
550-187483-8	55-606233-3 - DUP
550-187483-9	55-606233-3 - FRB

Sorry, that was my mistake. Please fix that.

Thanks,

David Burchard, M.B.A.
Hydrologist, Drinking Water Programs and Engineering Unit
Ph: 602-771-4298

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On Mon, Aug 22, 2022 at 9:11 AM Emily Petrunia <Emily.Petrunia@et.eurofinsus.com> wrote:

Hello,

Attached please find the report and EDD files for job 550-187483-1; ADEQ PFAS SCREENING

Please feel free to contact me if you have any questions.

Thank you.

Emily A Petrunia
Project Manager

Eurofins Phoenix
Phone: 602-659-7629

E-mail: Emily.Petrunia@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [550-469555]
Attachments: 2

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Petrunia, Emily

From: David Burchard <burchard.david@azdeq.gov>
Sent: Thursday, August 18, 2022 4:05 PM
To: Petrunia, Emily
Subject: Re: Eurofins Environment Testing Southwest, LLC report and EDD files from 550-187483-1 ADEQ PFAS SCREENING

Follow Up Flag: Follow up
Flag Status: Flagged

EXTERNAL EMAIL*

Hi Emily,

I highlighted the extra dashes and "0"s below.

55-6060233-3 - DUP Water 07/20/22 11:01 07/20/22 15:08
550-187483-9 55-6060233-3 - FRB Water 07/20/22 11:03 07/20/22 15:08
550-187483-10 55-606-024-1 Water 07/20/22 12:11 07/20/22 15:08
550-187483-11 55-606-024-1 - DUP Water 07/20/22 12:09 07/20/22 15:08
550-187483-12 55-606-024-1 - FRB Water 07/20/22 12:08 07/20/22 15:08
550-187483-13 55-60-0625-2 Water 07/20/22 10:50 07/20/22 15:08
550-187483-14 55-60-0625-2 - DUP Water 07/20/22 10:51 07/20/22 15:08
550-187483-15 55-606-025-2 - FRB

Thanks

David Burchard, M.B.A.
Hydrologist, Drinking Water Programs and Engineering Unit
Ph: 602-771-4298

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On Thu, Aug 18, 2022 at 3:52 PM Petrunia, Emily <Emily.Petrunia@et.eurofinsus.com> wrote:

Good Afternoon,

I see the additional dash but I am not seeing the extra 0? I see an extra “3” in sample -8 & -9 but it matches what is written on the chain.

Thank you,

Emily Petrunia

Project Manager

Eurofins Environment Testing America - Phoenix

4625 E. Cotton Center Blvd. Suite189

Direct: 602-659-7629

Main: 602-437-3340

Note: All rush turnaround times must be pre-approved by the laboratory prior to arrival at the lab.

Emily.Petrunia@ET.EurofinsUS.com

www.EurofinsUS.com/Env

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From: David Burchard <burchard.david@azdeq.gov>
Sent: Thursday, August 18, 2022 1:43 PM
To: Petrunia, Emily <Emily.Petrunia@et.eurofinsus.com>
Subject: Re: Eurofins Environment Testing Southwest, LLC report and EDD files from 550-187483-1 ADEQ PFAS SCREENING

EXTERNAL EMAIL*

Hi Emily,

The lab report has some sample IDs that do not match the ID numbers used on the COC. One ID has an extra "0" and one has an extra dash. Please make these changes ASAP as management and the City are waiting for this report.

Thanks,

David Burchard, M.B.A.
Hydrologist, Drinking Water Programs and Engineering Unit
Ph: 602-771-4298

azdeq.gov

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On Thu, Aug 18, 2022 at 1:15 PM Emily Petrunia <Emily.Petrunia@et.eurofinsus.com> wrote:

Hello,

Attached please find the report and EDD files for job 550-187483-1; ADEQ PFAS SCREENING

Please feel free to contact me if you have any questions.

Thank you.

Emily A Petrunia
Project Manager

Eurofins Phoenix
Phone: 602-659-7629

E-mail: Emily.Petrunia@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [550-469182]
Attachments: 2

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