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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-47340-1
Client Project/Site: Newberry System
Sampling Event: Newberry System

For:
SUEZ Water Environmental Services Inc
6310 Allentown Blvd
Suite 104
Harrisburg, Pennsylvania 17112

Attn: Penny Bumbarger

Elizabeth M. Zanar

Authorized for release by:
7/20/2021 12:23:16 PM

Elizabeth Zanar, Project Manager
(717)556-7290
Elizabeth.Zanar@eurofinset.com

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

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· 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 is 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.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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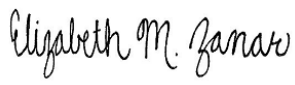

Elizabeth Zanar
Project Manager
7/20/2021 12:23:16 PM

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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
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
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: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Job ID: 410-47340-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-47340-1

Receipt
The samples were received on 7/15/2021 1:22 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 time was 1.4°C

LCMS
Method 537_DW: Reporting limits were raised for the following sample(s): 7670061 003 DuPont Well FB (410-47340-4) due to limited sample volume.

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

Detection Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 002 Coppersmith Well — Lab Sample ID: 410-47340-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	13		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.4		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	9.0		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.9		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	53		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	54		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 002 Coppersmith Well FB — Lab Sample ID: 410-47340-2

No Detections.

Client Sample ID: 7670061 003 DuPont Well — Lab Sample ID: 410-47340-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	8.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.0		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	6.3		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	86		18	4.4	ng/L	10		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid - DL	76		18	4.4	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 003 DuPont Well FB — Lab Sample ID: 410-47340-4

No Detections.

Client Sample ID: 7670061 302 DuPont Between Lead & Lag — Lab Sample ID: 410-47340-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	12		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.9		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.7		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 302 DuPont Between Lead & Lag FB — Lab Sample ID: 410-47340-6

No Detections.

Client Sample ID: 7670061 302 DuPont After Lag Vessel — Lab Sample ID: 410-47340-7

No Detections.

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB — Lab Sample ID: 410-47340-8

No Detections.

Client Sample ID: 7670061 102 DuPont EP — Lab Sample ID: 410-47340-9

No Detections.

Client Sample ID: 7670061 102 DuPont EP FB — Lab Sample ID: 410-47340-10

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 001 Playground Well — Lab Sample ID: 410-47340-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	19		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.7		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	12		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	6.7		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.1		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	16		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 001 Playground Well FB — Lab Sample ID: 410-47340-12

No Detections.

Client Sample ID: 7670061 005 Conley Well — Lab Sample ID: 410-47340-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	13		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.9		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.4		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.1		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.0		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	8.7		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 005 Conley Well FB — Lab Sample ID: 410-47340-14

No Detections.

Client Sample ID: 7670061 301 Conley Between Lead & Lag — Lab Sample ID: 410-47340-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	16		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.0		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	10		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.6		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	10		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB — Lab Sample ID: 410-47340-16

No Detections.

Client Sample ID: 7670061 301 Conley After Lag Vessel — Lab Sample ID: 410-47340-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	18		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.0		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	8.3		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.6		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.4		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	4.8		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley After Lag Vessel FB — Lab Sample ID: 410-47340-18

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 101 Conley EP Grab Water — Lab Sample ID: 410-47340-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	17		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.9		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	8.2		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.5		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.3		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	5.1		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 101 Conley Field Blank Grab Water — Lab Sample ID: 410-47340-20

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-47340-1

Date Collected: 07/13/21 08:40

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**13**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluoroheptanoic acid	**5.4**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorooctanoic acid	**9.0**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorononanoic acid	**3.9**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorobutanesulfonic acid	**7.5**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorohexanesulfonic acid	**53**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorooctanesulfonic acid	**54**		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:08*	*1*
13C2 PFDA	*115*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:08*	*1*
13C2 PFHxA	*104*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:08*	*1*

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-47340-2

Date Collected: 07/13/21 08:40

Matrix: Potable Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluoroheptanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorooctanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorononanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorodecanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorotridecanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorotetradecanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
NEtFOSAA	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
NMeFOSAA	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluoroundecanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1
Perfluorododecanoic acid	<2.0		2.0	0.51	ng/L		07/16/21 18:03	07/18/21 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:20*	*1*
13C2 PFDA	*128*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:20*	*1*
13C2 PFHxA	*122*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:20*	*1*

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-47340-3

Date Collected: 07/13/21 09:10

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**8.4**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluoroheptanoic acid	**3.8**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorooctanoic acid	**7.0**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorobutanesulfonic acid	**6.3**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*85*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:31*	*1*
13C2 PFDA	*121*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:31*	*1*
13C2 PFHxA	*115*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:31*	*1*

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1 - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	**86**		18	4.4	ng/L		07/16/21 18:03	07/19/21 15:38	10
Perfluorooctanesulfonic acid	**76**		18	4.4	ng/L		07/16/21 18:03	07/19/21 15:38	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*74*		*70 - 130*	*07/16/21 18:03*	*07/19/21 15:38*	*10*
13C2 PFDA	*93*		*70 - 130*	*07/16/21 18:03*	*07/19/21 15:38*	*10*
13C2 PFHxA	*96*		*70 - 130*	*07/16/21 18:03*	*07/19/21 15:38*	*10*

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-47340-4

Date Collected: 07/13/21 09:10

Matrix: Potable Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluoroheptanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorooctanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorononanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorodecanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorotridecanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorotetradecanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorobutanesulfonic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorohexanesulfonic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorooctanesulfonic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
NEtFOSAA	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
NMeFOSAA	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluoroundecanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1
Perfluorododecanoic acid	<2.1		2.1	0.52	ng/L		07/16/21 18:03	07/18/21 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*87*		*70 - 130*	*07/16/21 18:03*	*07/18/21 21:43*	*1*

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-47340-4

Date Collected: 07/13/21 09:10
Matrix: Potable Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1 (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	115		70 - 130	07/16/21 18:03	07/18/21 21:43	1
13C2 PFHxA	111		70 - 130	07/16/21 18:03	07/18/21 21:43	1

Client Sample ID: 7670061 302 DuPont Between Lead & Lag
Lab Sample ID: 410-47340-5

Date Collected: 07/13/21 09:05
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**12**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluoroheptanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorooctanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorobutanesulfonic acid	**3.9**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorohexanesulfonic acid	**4.7**		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/18/21 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	102		70 - 130	07/16/21 18:03	07/18/21 21:54	1
13C2 PFDA	124		70 - 130	07/16/21 18:03	07/18/21 21:54	1
13C2 PFHxA	117		70 - 130	07/16/21 18:03	07/18/21 21:54	1

Client Sample ID: 7670061 302 DuPont Between Lead & Lag FB
Lab Sample ID: 410-47340-6

Date Collected: 07/13/21 09:05
Matrix: Potable Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:06	1

Client Sample ID: 7670061 302 DuPont Between Lead & Lag FB

Lab Sample ID: 410-47340-6

Date Collected: 07/13/21 09:05
Date Received: 07/15/21 13:22

Matrix: Potable Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:06*	*1*
13C2 PFDA	*127*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:06*	*1*
13C2 PFHxA	*115*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:06*	*1*

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-47340-7

Date Collected: 07/13/21 09:00
Date Received: 07/15/21 13:22

Matrix: Drinking Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:17*	*1*
13C2 PFDA	*120*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:17*	*1*
13C2 PFHxA	*108*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:17*	*1*

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-47340-8

Date Collected: 07/13/21 09:00
Date Received: 07/15/21 13:22

Matrix: Potable Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 22:29	1

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB
Lab Sample ID: 410-47340-8

Date Collected: 07/13/21 09:00
Matrix: Potable Water
Date Received: 07/15/21 13:22

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*92*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:29*	*1*
13C2 PFDA	*122*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:29*	*1*
13C2 PFHxA	*118*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:29*	*1*

Client Sample ID: 7670061 102 DuPont EP
Lab Sample ID: 410-47340-9

Date Collected: 07/13/21 08:55
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/16/21 18:03	07/18/21 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*93*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:40*	*1*
13C2 PFDA	*116*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:40*	*1*
13C2 PFHxA	*107*		*70 - 130*	*07/16/21 18:03*	*07/18/21 22:40*	*1*

Client Sample ID: 7670061 102 DuPont EP FB
Lab Sample ID: 410-47340-10

Date Collected: 07/13/21 08:55
Matrix: Potable Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluoroheptanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorooctanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorononanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorodecanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorotridecanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorotetradecanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
NEtFOSAA	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
NMeFOSAA	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluoroundecanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1
Perfluorododecanoic acid	<2.0		2.0	0.49	ng/L		07/16/21 18:03	07/18/21 22:52	1

Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-47340-10

Date Collected: 07/13/21 08:55

Matrix: Potable Water

Date Received: 07/15/21 13:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130	07/16/21 18:03	07/18/21 22:52	1
13C2 PFDA	114		70 - 130	07/16/21 18:03	07/18/21 22:52	1
13C2 PFHxA	108		70 - 130	07/16/21 18:03	07/18/21 22:52	1

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-47340-11

Date Collected: 07/13/21 09:45

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**19**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluoroheptanoic acid	**4.7**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorooctanoic acid	**12**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorobutanesulfonic acid	**6.7**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorohexanesulfonic acid	**6.1**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorooctanesulfonic acid	**16**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	87		70 - 130	07/16/21 18:03	07/18/21 23:15	1
13C2 PFDA	112		70 - 130	07/16/21 18:03	07/18/21 23:15	1
13C2 PFHxA	97		70 - 130	07/16/21 18:03	07/18/21 23:15	1

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-47340-12

Date Collected: 07/13/21 09:45

Matrix: Potable Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 23:26	1

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-47340-12

Date Collected: 07/13/21 09:45

Matrix: Potable Water

Date Received: 07/15/21 13:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130	07/16/21 18:03	07/18/21 23:26	1
13C2 PFDA	120		70 - 130	07/16/21 18:03	07/18/21 23:26	1
13C2 PFHxA	113		70 - 130	07/16/21 18:03	07/18/21 23:26	1

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-47340-13

Date Collected: 07/13/21 09:50

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**13**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluoroheptanoic acid	**2.9**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorooctanoic acid	**7.4**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorobutanesulfonic acid	**3.1**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorohexanesulfonic acid	**4.0**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorooctanesulfonic acid	**8.7**		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		07/16/21 18:03	07/18/21 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130	07/16/21 18:03	07/18/21 23:38	1
13C2 PFDA	123		70 - 130	07/16/21 18:03	07/18/21 23:38	1
13C2 PFHxA	113		70 - 130	07/16/21 18:03	07/18/21 23:38	1

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-47340-14

Date Collected: 07/13/21 09:50

Matrix: Potable Water

Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/18/21 23:50	1

Client Sample ID: 7670061 005 Conley Well FB
Lab Sample ID: 410-47340-14

Date Collected: 07/13/21 09:50
Matrix: Potable Water
Date Received: 07/15/21 13:22

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*07/16/21 18:03*	*07/18/21 23:50*	*1*
13C2 PFDA	*111*		*70 - 130*	*07/16/21 18:03*	*07/18/21 23:50*	*1*
13C2 PFHxA	*106*		*70 - 130*	*07/16/21 18:03*	*07/18/21 23:50*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag
Lab Sample ID: 410-47340-15

Date Collected: 07/13/21 09:40
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**16**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluoroheptanoic acid	**4.0**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorooctanoic acid	**10**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorobutanesulfonic acid	**5.8**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorohexanesulfonic acid	**6.6**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorooctanesulfonic acid	**10**		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/16/21 18:03	07/19/21 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*101*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:01*	*1*
13C2 PFDA	*122*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:01*	*1*
13C2 PFHxA	*110*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:01*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB
Lab Sample ID: 410-47340-16

Date Collected: 07/13/21 09:40
Matrix: Potable Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:13	1

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB

Lab Sample ID: 410-47340-16

Date Collected: 07/13/21 09:40
Date Received: 07/15/21 13:22

Matrix: Potable Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*91*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:13*	*1*
13C2 PFDA	*116*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:13*	*1*
13C2 PFHxA	*112*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:13*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-47340-17

Date Collected: 07/13/21 09:35
Date Received: 07/15/21 13:22

Matrix: Drinking Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**18**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluoroheptanoic acid	**4.0**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorooctanoic acid	**8.3**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorobutanesulfonic acid	**5.6**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorohexanesulfonic acid	**5.4**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorooctanesulfonic acid	**4.8**		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		07/16/21 18:03	07/19/21 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*102*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:24*	*1*
13C2 PFDA	*119*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:24*	*1*
13C2 PFHxA	*113*		*70 - 130*	*07/16/21 18:03*	*07/19/21 00:24*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-47340-18

Date Collected: 07/13/21 09:35
Date Received: 07/15/21 13:22

Matrix: Potable Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:36	1

Client Sample ID: 7670061 301 Conley After Lag Vessel FB
Lab Sample ID: 410-47340-18

Date Collected: 07/13/21 09:35
Matrix: Potable Water
Date Received: 07/15/21 13:22

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130	07/16/21 18:03	07/19/21 00:36	1
13C2 PFDA	114		70 - 130	07/16/21 18:03	07/19/21 00:36	1
13C2 PFHxA	111		70 - 130	07/16/21 18:03	07/19/21 00:36	1

Client Sample ID: 7670061 101 Conley EP Grab Water
Lab Sample ID: 410-47340-19

Date Collected: 07/13/21 09:30
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**17**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluoroheptanoic acid	**3.9**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorooctanoic acid	**8.2**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorobutanesulfonic acid	**5.5**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorohexanesulfonic acid	**5.3**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorooctanesulfonic acid	**5.1**		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	102		70 - 130	07/16/21 18:03	07/19/21 15:49	1
13C2 PFDA	117		70 - 130	07/16/21 18:03	07/19/21 15:49	1
13C2 PFHxA	105		70 - 130	07/16/21 18:03	07/19/21 15:49	1

Client Sample ID: 7670061 101 Conley Field Blank Grab Water
Lab Sample ID: 410-47340-20

Date Collected: 07/13/21 09:30
Matrix: Potable Water
Date Received: 07/15/21 13:22

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		07/16/21 18:03	07/19/21 00:59	1

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 101 Conley Field Blank Grab Water
Date Collected: 07/13/21 09:30
Date Received: 07/15/21 13:22

Lab Sample ID: 410-47340-20
Matrix: Potable Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	07/16/21 18:03	07/19/21 00:59	1
13C2 PFDA	117		70 - 130	07/16/21 18:03	07/19/21 00:59	1
13C2 PFHxA	108		70 - 130	07/16/21 18:03	07/19/21 00:59	1

Surrogate Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS	PFDA	PFHxA
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
410-47340-1	7670061 002 Coppersmith Well	96	115	104
410-47340-3	7670061 003 DuPont Well	85	121	115
410-47340-3 - DL	7670061 003 DuPont Well	74	93	96
410-47340-5	7670061 302 DuPont Between Lead & Lag	102	124	117
410-47340-7	7670061 302 DuPont After Lag Vessel	96	120	108
410-47340-9	7670061 102 DuPont EP	93	116	107
410-47340-11	7670061 001 Playground Well	87	112	97
410-47340-13	7670061 005 Conley Well	98	123	113
410-47340-15	7670061 301 Conley Between Lead & Lag	101	122	110
410-47340-17	7670061 301 Conley After Lag Vessel	102	119	113
410-47340-19	7670061 101 Conley EP Grab Water	102	117	105
LCS 410-149578/2-A	Lab Control Sample	81	105	96
LCSD 410-149578/3-A	Lab Control Sample Dup	80	116	110
LLCS 410-149578/4-A	Lab Control Sample	86	118	109
MB 410-149578/1-A	Method Blank	83	100	96

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Matrix: Potable Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS	PFDA	PFHxA
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)
410-47340-2	7670061 002 Coppersmith Well FB	103	128	122
410-47340-4	7670061 003 DuPont Well FB	87	115	111
410-47340-6	7670061 302 DuPont Between Lead & Lag FB	94	127	115
410-47340-8	7670061 302 DuPont After Lag Vessel FB	92	122	118
410-47340-10	7670061 102 DuPont EP FB	93	114	108
410-47340-12	7670061 001 Playground Well FB	100	120	113
410-47340-14	7670061 005 Conley Well FB	96	111	106
410-47340-16	7670061 301 Conley Between Lead & Lag FB	91	116	112
410-47340-18	7670061 301 Conley After Lag Vessel FB	98	114	111
410-47340-20	7670061 101 Conley Field Blank Grab Water	94	117	108

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Lab Sample ID: MB 410-149578/1-A
Matrix: Drinking Water
Analysis Batch: 149793

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 149578

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		07/16/21 18:03	07/18/21 20:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*83*		*70 - 130*	*07/16/21 18:03*	*07/18/21 20:22*	*1*
13C2 PFDA	*100*		*70 - 130*	*07/16/21 18:03*	*07/18/21 20:22*	*1*
13C2 PFHxA	*96*		*70 - 130*	*07/16/21 18:03*	*07/18/21 20:22*	*1*

Lab Sample ID: LCS 410-149578/2-A
Matrix: Drinking Water
Analysis Batch: 149793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 149578

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	22.0		ng/L		107	70 - 130
Perfluoroheptanoic acid	20.5	23.5		ng/L		115	70 - 130
Perfluorooctanoic acid	20.5	23.1		ng/L		113	70 - 130
Perfluorononanoic acid	20.5	22.7		ng/L		111	70 - 130
Perfluorodecanoic acid	20.5	23.0		ng/L		112	70 - 130
Perfluorotridecanoic acid	20.5	24.0		ng/L		117	70 - 130
Perfluorotetradecanoic acid	20.5	22.7		ng/L		111	70 - 130
Perfluorobutanesulfonic acid	18.1	19.4		ng/L		107	70 - 130
Perfluorohexanesulfonic acid	18.7	20.3		ng/L		109	70 - 130
Perfluorooctanesulfonic acid	19.0	19.4		ng/L		102	70 - 130
NEtFOSAA	20.5	20.3		ng/L		99	70 - 130
NMeFOSAA	20.5	21.3		ng/L		104	70 - 130
Perfluoroundecanoic acid	20.5	23.1		ng/L		113	70 - 130
Perfluorododecanoic acid	20.5	24.8		ng/L		121	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*81*		*70 - 130*
13C2 PFDA	*105*		*70 - 130*
13C2 PFHxA	*96*		*70 - 130*

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1 (Continued)

Lab Sample ID: LCSD 410-149578/3-A
Matrix: Drinking Water
Analysis Batch: 149793

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 149578

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			20.5	24.6		ng/L		120	70 - 130	11	30
Perfluoroheptanoic acid			20.5	25.7		ng/L		125	70 - 130	9	30
Perfluorooctanoic acid			20.5	25.7		ng/L		125	70 - 130	10	30
Perfluorononanoic acid			20.5	25.2		ng/L		123	70 - 130	11	30
Perfluorodecanoic acid			20.5	25.8		ng/L		126	70 - 130	12	30
Perfluorotridecanoic acid			20.5	25.5		ng/L		125	70 - 130	6	30
Perfluorotetradecanoic acid			20.5	25.4		ng/L		124	70 - 130	11	30
Perfluorobutanesulfonic acid			18.1	22.0		ng/L		121	70 - 130	12	30
Perfluorohexanesulfonic acid			18.7	22.3		ng/L		120	70 - 130	9	30
Perfluorooctanesulfonic acid			19.0	21.6		ng/L		114	70 - 130	11	30
NEtFOSAA			20.5	20.4		ng/L		100	70 - 130	0	30
NMeFOSAA			20.5	21.9		ng/L		107	70 - 130	2	30
Perfluoroundecanoic acid			20.5	26.1		ng/L		127	70 - 130	12	30
Perfluorododecanoic acid			20.5	26.6		ng/L		130	70 - 130	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*80*		*70 - 130*
13C2 PFDA	*116*		*70 - 130*
13C2 PFHxA	*110*		*70 - 130*

Lab Sample ID: LLCS 410-149578/4-A
Matrix: Drinking Water
Analysis Batch: 149793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 149578

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid			1.92	2.39		ng/L		124	50 - 150
Perfluoroheptanoic acid			1.92	2.42		ng/L		126	50 - 150
Perfluorooctanoic acid			1.92	2.53		ng/L		132	50 - 150
Perfluorononanoic acid			1.92	2.43		ng/L		127	50 - 150
Perfluorodecanoic acid			1.92	2.52		ng/L		131	50 - 150
Perfluorotridecanoic acid			1.92	2.37		ng/L		124	50 - 150
Perfluorotetradecanoic acid			1.92	2.41		ng/L		126	50 - 150
Perfluorobutanesulfonic acid			1.70	2.10		ng/L		124	50 - 150
Perfluorohexanesulfonic acid			1.75	2.22		ng/L		127	50 - 150
Perfluorooctanesulfonic acid			1.78	2.14		ng/L		120	50 - 150
NEtFOSAA			1.92	2.16		ng/L		113	50 - 150
NMeFOSAA			1.92	2.18		ng/L		113	50 - 150
Perfluoroundecanoic acid			1.92	2.50		ng/L		130	50 - 150
Perfluorododecanoic acid			1.92	2.37		ng/L		123	50 - 150

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*86*		*70 - 130*
13C2 PFDA	*118*		*70 - 130*
13C2 PFHxA	*109*		*70 - 130*

LCMS

Prep Batch: 149578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-47340-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-3 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-7	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-8	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-9	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-10	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-17	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-18	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-47340-19	7670061 101 Conley EP Grab Water	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-47340-20	7670061 101 Conley Field Blank Grab Water	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-149578/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-149578/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCSD 410-149578/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-149578/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Analysis Batch: 149793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-47340-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-7	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-8	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-9	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-10	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-17	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-18	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
410-47340-20	7670061 101 Conley Field Blank Grab Water	Total/NA	Potable Water	EPA 537 Ver 1.1	149578
MB 410-149578/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
LCS 410-149578/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
LCSD 410-149578/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
LLCS 410-149578/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578

QC Association Summary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-47340-1
Project/Site: Newberry System

LCMS

Analysis Batch: 150047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-47340-3 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578
410-47340-19	7670061 101 Conley EP Grab Water	Total/NA	Drinking Water	EPA 537 Ver 1.1	149578

Lab Chronicle

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-47340-1

Date Collected: 07/13/21 08:40
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 21:08	VK3G	ELLE

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-47340-2

Date Collected: 07/13/21 08:40
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 21:20	VK3G	ELLE

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-47340-3

Date Collected: 07/13/21 09:10
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 21:31	VK3G	ELLE
Total/NA	Prep	EPA 537 Ver 1.1	DL		149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	150047	07/19/21 15:38	Y6ZN	ELLE

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-47340-4

Date Collected: 07/13/21 09:10
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 21:43	VK3G	ELLE

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-47340-5

Date Collected: 07/13/21 09:05
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 21:54	VK3G	ELLE

Client Sample ID: 7670061 302 DuPont Between Lead & Lag FB

Lab Sample ID: 410-47340-6

Date Collected: 07/13/21 09:05
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 22:06	VK3G	ELLE

Lab Chronicle

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-47340-7

Date Collected: 07/13/21 09:00
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 22:17	VK3G	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-47340-8

Date Collected: 07/13/21 09:00
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 22:29	VK3G	ELLE

Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-47340-9

Date Collected: 07/13/21 08:55
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 22:40	VK3G	ELLE

Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-47340-10

Date Collected: 07/13/21 08:55
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 22:52	VK3G	ELLE

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-47340-11

Date Collected: 07/13/21 09:45
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 23:15	VK3G	ELLE

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-47340-12

Date Collected: 07/13/21 09:45
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 23:26	VK3G	ELLE

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-47340-13

Date Collected: 07/13/21 09:50

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 23:38	VK3G	ELLE

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-47340-14

Date Collected: 07/13/21 09:50

Matrix: Potable Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/18/21 23:50	VK3G	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-47340-15

Date Collected: 07/13/21 09:40

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/19/21 00:01	VK3G	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB

Lab Sample ID: 410-47340-16

Date Collected: 07/13/21 09:40

Matrix: Potable Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/19/21 00:13	VK3G	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-47340-17

Date Collected: 07/13/21 09:35

Matrix: Drinking Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/19/21 00:24	VK3G	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-47340-18

Date Collected: 07/13/21 09:35

Matrix: Potable Water

Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/19/21 00:36	VK3G	ELLE

Lab Chronicle

Client: SUEZ Water Environmental Services Inc
Job ID: 410-47340-1
Project/Site: Newberry System

Client Sample ID: 7670061 101 Conley EP Grab Water
Lab Sample ID: 410-47340-19

Date Collected: 07/13/21 09:30
Matrix: Drinking Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	150047	07/19/21 15:49	Y6ZN	ELLE

Client Sample ID: 7670061 101 Conley Field Blank Grab Water
Lab Sample ID: 410-47340-20

Date Collected: 07/13/21 09:30
Matrix: Potable Water
Date Received: 07/15/21 13:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			149578	07/16/21 18:03	GU2F	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	149793	07/19/21 00:59	VK3G	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-47340-1
Project/Site: Newberry System

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-22

Method Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Method	Method Description	Protocol	Laboratory
EPA 537 Ver 1.1	EPA 537 Version 1.1	EPA	ELLE
EPA 537 Ver 1.1	EPA 537 Version 1.1	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: SUEZ Water Environmental Services Inc
Project/Site: Newberry System

Job ID: 410-47340-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-47340-1	7670061 002 Coppersmith Well	Drinking Water	07/13/21 08:40	07/15/21 13:22	
410-47340-2	7670061 002 Coppersmith Well FB	Potable Water	07/13/21 08:40	07/15/21 13:22	
410-47340-3	7670061 003 DuPont Well	Drinking Water	07/13/21 09:10	07/15/21 13:22	
410-47340-4	7670061 003 DuPont Well FB	Potable Water	07/13/21 09:10	07/15/21 13:22	
410-47340-5	7670061 302 DuPont Between Lead & Lag	Drinking Water	07/13/21 09:05	07/15/21 13:22	
410-47340-6	7670061 302 DuPont Between Lead & Lag FB	Potable Water	07/13/21 09:05	07/15/21 13:22	
410-47340-7	7670061 302 DuPont After Lag Vessel	Drinking Water	07/13/21 09:00	07/15/21 13:22	
410-47340-8	7670061 302 DuPont After Lag Vessel FB	Potable Water	07/13/21 09:00	07/15/21 13:22	
410-47340-9	7670061 102 DuPont EP	Drinking Water	07/13/21 08:55	07/15/21 13:22	
410-47340-10	7670061 102 DuPont EP FB	Potable Water	07/13/21 08:55	07/15/21 13:22	
410-47340-11	7670061 001 Playground Well	Drinking Water	07/13/21 09:45	07/15/21 13:22	
410-47340-12	7670061 001 Playground Well FB	Potable Water	07/13/21 09:45	07/15/21 13:22	
410-47340-13	7670061 005 Conley Well	Drinking Water	07/13/21 09:50	07/15/21 13:22	
410-47340-14	7670061 005 Conley Well FB	Potable Water	07/13/21 09:50	07/15/21 13:22	
410-47340-15	7670061 301 Conley Between Lead & Lag	Drinking Water	07/13/21 09:40	07/15/21 13:22	
410-47340-16	7670061 301 Conley Between Lead & Lag FB	Potable Water	07/13/21 09:40	07/15/21 13:22	
410-47340-17	7670061 301 Conley After Lag Vessel	Drinking Water	07/13/21 09:35	07/15/21 13:22	
410-47340-18	7670061 301 Conley After Lag Vessel FB	Potable Water	07/13/21 09:35	07/15/21 13:22	
410-47340-19	7670061 101 Conley EP Grab Water	Drinking Water	07/13/21 09:30	07/15/21 13:22	
410-47340-20	7670061 101 Conley Field Blank Grab Water	Potable Water	07/13/21 09:30	07/15/21 13:22	

Environment[...]st/Chain of Custody

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410-47340 Chain of Custody

Acct. # 44297 Group # ___

Client: SUEZ WATER PA			
Project Name: Newberry System	Site ID #:		
Project Manager: Elizabeth Zanar	P.O. #:		
Sampler: Penny Bumbarger	PWSID #: 7670061		
Phone #: 717-773-0185	Quote #: 219948A		
State where samples were collected: PA	For Compliance: Yes ☑ No ☐		

Matrix: Soil ☐ Sediment ☐ Tissue ☐ | Water: Potable ☐ Ground ☑ NPDES ☐ Surface ☐ | Other: GAC Filtered Water

Analyses Requested — Preservation and Filtration Codes: O

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil/Sediment/Tissue	Water	Other: GAC Filtered Water	Total # of Containers	PFAS (14) 537 v 1.1	Remarks
002 Coppersmith Well	7/13/21	0840	X			X		2	X	Monthly Compliance
FB - Coppersmith Well	7/13/21	0840						2	X	
003 DuPont Well	7/13/21	0910	X			X		2	X	
FB - DuPont Well	7/13/21	0910						2	X	
302s DuPont Between Lead and Lag	7/13/21	0905	X				X	2	X	
FB - DuPont Between Lead and Lag	7/13/21	0905						2	X	
302s DuPont After Lag	7/13/21	0900	X				X	2	X	
FB - DuPont After Lag	7/13/21	0900						2	X	
EP 102 DuPont	7/13/21	0855	X				X	2	X	
FB - EP 102 DuPont	7/13/21	0855						2	X	

For Lab Use Only

SF #: ___

SCR #: ___

Preservation Codes

H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 P = H_3PO_4
F = Field Filtered O = Other

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

~~Rush results requested by (please check):~~ E-Mail ☑ Phone ☐

E-mail Address: penny.bumbarger@suez.com

Phone: 717-773-0185

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type VI (Raw Data Only)	☐	TX TRRP-13	☐
NJ DKQP	☐	NYSDEC Category	☐ A or ☐ B

EDD Required? Yes ☐ No ☐ If yes, format: ___

Relinquished by:	Date	Time	Received by:	Date	Time
Penny Bumbarger	7/15/21	1110	[signature]	7/15/21	1110
[signature]	7/15/21	1257			
				7/15/21	
			[signature]	7/15/21	1322

Relinquished by Commercial Carrier: UPS ___ FedEx ___ Other ___

Temperature upon receipt 1.4 °C (3W 7/15/21)

5B

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7045 0717

Environmental Analysis Request/Chain of Custody

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Acct. # 44297 Group # ____ Sample # ____

Client: SUEZ WATER PA	
Project Name: Newberry System	Site ID #:
Project Manager: Elizabeth Zanar	P.O. #:
Sampler: Penny Bumbarger	PWSID #: 7670061
Phone #: 717-773-0185	Quote #: 219948A
State where samples were collected: PA	For Compliance: Yes ☑ No ☐

Matrix: ☐ Tissue ☐ Sediment ☐ Soil; ☑ Ground ☐ Potable Water; ☐ Surface ☐ NPDES; Other: GAC Filtered Water

Analyses Requested — Preservation and Filtration Codes: O — PFAS (14) 537 v 1.1

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil	Water	Other: GAC Filtered Water	Total # of Containers	PFAS (14) 537 v 1.1
001 Playground Well	7/13/21	0945	X			X		2	X
FB - Playground Well	7/13/21	0945						2	X
005 Conley Well	7/13/21	0950	X			X		2	X
FB - Conley Well	7/13/21	0950						2	X
301s Conley Between Lead and Lag	7/13/21	0940	X				X	2	X
FB - Conley Between Lead and Lag	7/13/21	0940						2	X
301s Conley After Lag	7/13/21	0935	X				X	2	X
FB - Conely After Lag	7/13/21	0935						2	X
EP 101 Conley	7/13/21	0930	X				X	2	X
FB - EP 101 Conley	7/13/21	0930						2	X

For Lab Use Only

SF #: ____

SCR #: ____

Preservation Codes

H = HCl	T = Thiosulfate
N = HNO_3	B = NaOH
S = H_2SO_4	P = H_3PO_4
F = Field Filtered	O = Other

Remarks

Monthly Compliance

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

Rush results requested by (please check): E-Mail ☑ Phone ☐

E-mail Address: penny.bumbarger@suez.com

Phone: 717-773-0185

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type VI (Raw Data Only)	☐	TX TRRP-13	☐
NJ DKQP	☐	NYSDEC Category	☐ A or ☐ B

EDD Required? Yes ☐ No ☐ If yes, format: ____

Relinquished by:	Date	Time	Received by:	Date	Time
Penny Bumbarger	7/15/21	1110	[signature]	7/15/21	1110
[signature]	7/15/21	1257			
			[signature] 7/15/21		1322

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 1.4 °C °C

SB

Login Sample Receipt Checklist

Client: SUEZ Water Environmental Services Inc

Job Number: 410-47340-1

Login Number: 47340

List Source: Eurofins Lancaster Laboratories Env, LLC

List Number: 1

Creator: Byers, Seth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is 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 (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
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	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	True	
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	