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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: 410-21733-1
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:
12/7/2020 6:22:07 AM

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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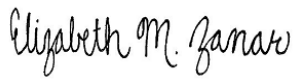

Elizabeth Zanar
Project Manager
12/7/2020 6:22:07 AM

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Definitions/Glossary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-21733-1
Project/Site: Newberry System

Qualifiers

LCMS

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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

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

Job ID: 410-21733-1

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Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-21733-1

Receipt
The samples were received on 11/20/2020 6:25 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.4°C and 1.9°C

LCMS
Method 537_DW: Reporting limits for the following samples: 7670061 005 Conley Well FB (410-21733-4) and 7670061 301 Conley Lead Vessel 1/2 Way FB (410-21733-8) were raised 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: 410-21733-1

Client Sample ID: 7670061 001 Playground Well — Lab Sample ID: 410-21733-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	16		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.2		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.2		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.1		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	14		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 001 Playground Well FB — Lab Sample ID: 410-21733-2

No Detections.

Client Sample ID: 7670061 005 Conley Well — Lab Sample ID: 410-21733-3

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
Perfluoroheptanoic acid	2.3		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.7		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	8.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 005 Conley Well FB — Lab Sample ID: 410-21733-4

No Detections.

Client Sample ID: 7670061 301 Conley Between Lead & Lag — Lab Sample ID: 410-21733-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	16		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.3		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.2		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.9		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.4		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	5.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB — Lab Sample ID: 410-21733-6

No Detections.

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way — Lab Sample ID: 410-21733-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	14		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.0		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.2		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.5		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.0		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	8.8		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB — Lab Sample ID: 410-21733-8

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: 410-21733-1

Client Sample ID: 7670061 301 Conley After Lag Vessel — Lab Sample ID: 410-21733-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	15		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.6		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	3.5		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.5		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	2.4		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: 410-21733-10

No Detections.

Client Sample ID: 7670061 002 Coppersmith Well — Lab Sample ID: 410-21733-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	14		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.7		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.7		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	9.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	64		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	67		18	4.5	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 002 Coppersmith Well FB — Lab Sample ID: 410-21733-12

No Detections.

Client Sample ID: 7670061 003 DuPont Well — Lab Sample ID: 410-21733-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	8.1		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.2		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.3		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.0		1.8	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	88		18	4.6	ng/L	10		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid - DL	52		18	4.6	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 003 DuPont Well FB — Lab Sample ID: 410-21733-14

No Detections.

Client Sample ID: 7670061 302 DuPont Between Lead & Lag — Lab Sample ID: 410-21733-15

No Detections.

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way — Lab Sample ID: 410-21733-17

No Detections.

Client Sample ID: 7670061 302 DuPont After Lag Vessel — Lab Sample ID: 410-21733-19

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-21733-1

Date Collected: 11/18/20 09:55

Matrix: Drinking Water

Date Received: 11/20/20 18:25

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	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluoroheptanoic acid	**3.2**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorooctanoic acid	**7.2**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorobutanesulfonic acid	**5.1**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorohexanesulfonic acid	**6.5**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorooctanesulfonic acid	**14**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*12/01/20 09:53*	*12/03/20 08:48*	*1*
13C2 PFDA	*97*		*70 - 130*	*12/01/20 09:53*	*12/03/20 08:48*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 09:53*	*12/03/20 08:48*	*1*

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-21733-2

Date Collected: 11/18/20 09:55

Matrix: Potable Water

Date Received: 11/20/20 18:25

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		12/01/20 09:53	12/03/20 09:00	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 09:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:00*	*1*
13C2 PFDA	*102*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:00*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:00*	*1*

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-21733-3

Date Collected: 11/18/20 10:00

Matrix: Drinking Water

Date Received: 11/20/20 18:25

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		12/01/20 09:53	12/03/20 09:11	1
Perfluoroheptanoic acid	**2.3**		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorooctanoic acid	**4.4**		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorobutanesulfonic acid	**3.7**		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorohexanesulfonic acid	**4.8**		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorooctanesulfonic acid	**8.4**		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		12/01/20 09:53	12/03/20 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:11*	*1*
13C2 PFDA	*103*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:11*	*1*
13C2 PFHxA	*103*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:11*	*1*

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-21733-4

Date Collected: 11/18/20 10:00

Matrix: Potable Water

Date Received: 11/20/20 18:25

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		12/01/20 09:53	12/03/20 09:23	1
Perfluoroheptanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorooctanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorononanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorodecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorotridecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorotetradecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorobutanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorohexanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorooctanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
NEtFOSAA	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
NMeFOSAA	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluoroundecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1
Perfluorododecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 09:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:23*	*1*
13C2 PFDA	*103*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:23*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:23*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag
Lab Sample ID: 410-21733-5

Date Collected: 11/18/20 09:50
Matrix: Drinking Water
Date Received: 11/20/20 18:25

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	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluoroheptanoic acid	**3.3**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorooctanoic acid	**6.2**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorobutanesulfonic acid	**4.9**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorohexanesulfonic acid	**5.4**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorooctanesulfonic acid	**5.6**		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 09:53	12/03/20 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:34*	*1*
13C2 PFDA	*100*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:34*	*1*
13C2 PFHxA	*98*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:34*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB
Lab Sample ID: 410-21733-6

Date Collected: 11/18/20 09:50
Matrix: Potable Water
Date Received: 11/20/20 18:25

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	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 09:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:46*	*1*
13C2 PFDA	*100*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:46*	*1*
13C2 PFHxA	*99*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:46*	*1*

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way

Lab Sample ID: 410-21733-7

Date Collected: 11/18/20 09:55

Matrix: Drinking Water

Date Received: 11/20/20 18:25

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**14**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluoroheptanoic acid	**3.0**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorooctanoic acid	**6.2**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorobutanesulfonic acid	**4.5**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorohexanesulfonic acid	**6.0**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorooctanesulfonic acid	**8.8**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*97*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:57*	*1*
13C2 PFDA	*101*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:57*	*1*
13C2 PFHxA	*94*		*70 - 130*	*12/01/20 09:53*	*12/03/20 09:57*	*1*

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB

Lab Sample ID: 410-21733-8

Date Collected: 11/18/20 09:55

Matrix: Potable Water

Date Received: 11/20/20 18:25

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		12/01/20 09:53	12/03/20 10:09	1
Perfluoroheptanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorooctanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorononanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorodecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorotridecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorotetradecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorobutanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorohexanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorooctanesulfonic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
NEtFOSAA	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
NMeFOSAA	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluoroundecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1
Perfluorododecanoic acid	<2.1		2.1	0.52	ng/L		12/01/20 09:53	12/03/20 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*105*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:09*	*1*
13C2 PFDA	*101*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:09*	*1*
13C2 PFHxA	*98*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:09*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-21733-9

Date Collected: 11/18/20 09:45

Matrix: Drinking Water

Date Received: 11/20/20 18:25

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**15**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluoroheptanoic acid	**2.6**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorooctanoic acid	**3.5**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorobutanesulfonic acid	**4.5**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorohexanesulfonic acid	**2.4**		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 09:53	12/03/20 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:21*	*1*
13C2 PFDA	*104*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:21*	*1*
13C2 PFHxA	*99*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:21*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-21733-10

Date Collected: 11/18/20 09:45

Matrix: Potable Water

Date Received: 11/20/20 18:25

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	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		12/01/20 09:53	12/03/20 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:32*	*1*
13C2 PFDA	*99*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:32*	*1*
13C2 PFHxA	*95*		*70 - 130*	*12/01/20 09:53*	*12/03/20 10:32*	*1*

Client Sample ID: 7670061 002 Coppersmith Well
Lab Sample ID: 410-21733-11

Date Collected: 11/18/20 08:40
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**14**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluoroheptanoic acid	**4.7**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorooctanoic acid	**7.7**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorononanoic acid	**3.5**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorobutanesulfonic acid	**9.5**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorooctanesulfonic acid	**64**		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:03*	*1*
13C2 PFDA	*100*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:03*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:03*	*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	**67**		18	4.5	ng/L		12/01/20 10:15	12/04/20 10:43	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*80*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:43*	*10*
13C2 PFDA	*76*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:43*	*10*
13C2 PFHxA	*84*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:43*	*10*

Client Sample ID: 7670061 002 Coppersmith Well FB
Lab Sample ID: 410-21733-12

Date Collected: 11/18/20 08:40
Matrix: Potable Water
Date Received: 11/20/20 18:25

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		12/01/20 10:15	12/03/20 02:15	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*117*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:15*	*1*

Client Sample ID: 7670061 002 Coppersmith Well FB
Lab Sample ID: 410-21733-12
Date Collected: 11/18/20 08:40
Matrix: Potable Water
Date Received: 11/20/20 18:25

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
13C2 PFDA	*113*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:15*	*1*
13C2 PFHxA	*112*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:15*	*1*

Client Sample ID: 7670061 003 DuPont Well
Lab Sample ID: 410-21733-13
Date Collected: 11/18/20 09:15
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**8.1**		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluoroheptanoic acid	**3.2**		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorooctanoic acid	**6.3**		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorobutanesulfonic acid	**7.0**		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		12/01/20 10:15	12/03/20 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*112*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:26*	*1*
13C2 PFDA	*108*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:26*	*1*
13C2 PFHxA	*105*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:26*	*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	**88**		18	4.6	ng/L		12/01/20 10:15	12/04/20 10:55	10
Perfluorooctanesulfonic acid	**52**		18	4.6	ng/L		12/01/20 10:15	12/04/20 10:55	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*76*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:55*	*10*
13C2 PFDA	*72*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:55*	*10*
13C2 PFHxA	*77*		*70 - 130*	*12/01/20 10:15*	*12/04/20 10:55*	*10*

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-21733-14
Date Collected: 11/18/20 09:15
Matrix: Potable Water
Date Received: 11/20/20 18:25

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		12/01/20 10:15	12/03/20 02:38	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-21733-14

Date Collected: 11/18/20 09:15
Matrix: Potable Water
Date Received: 11/20/20 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		12/01/20 10:15	12/03/20 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:38*	*1*
13C2 PFDA	*99*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:38*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:38*	*1*

Client Sample ID: 7670061 302 DuPont Between Lead & Lag
Lab Sample ID: 410-21733-15

Date Collected: 11/18/20 09:05
Matrix: Drinking Water
Date Received: 11/20/20 18:25

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		12/01/20 10:15	12/03/20 02:49	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*112*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:49*	*1*
13C2 PFDA	*109*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:49*	*1*
13C2 PFHxA	*112*		*70 - 130*	*12/01/20 10:15*	*12/03/20 02:49*	*1*

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way
Lab Sample ID: 410-21733-17

Date Collected: 11/18/20 09:10
Matrix: Drinking Water
Date Received: 11/20/20 18:25

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	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluoroheptanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorooctanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorononanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorodecanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorotridecanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorotetradecanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way
Lab Sample ID: 410-21733-17

Date Collected: 11/18/20 09:10
Matrix: Drinking Water
Date Received: 11/20/20 18:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
NEtFOSAA	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
NMeFOSAA	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluoroundecanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1
Perfluorododecanoic acid	<1.9		1.9	0.46	ng/L		12/01/20 10:15	12/03/20 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*101*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:13*	*1*
13C2 PFDA	*102*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:13*	*1*
13C2 PFHxA	*97*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:13*	*1*

Client Sample ID: 7670061 302 DuPont After Lag Vessel
Lab Sample ID: 410-21733-19

Date Collected: 11/18/20 09:00
Matrix: Drinking Water
Date Received: 11/20/20 18:25

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		12/01/20 10:15	12/03/20 03:36	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		12/01/20 10:15	12/03/20 03:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:36*	*1*
13C2 PFDA	*97*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:36*	*1*
13C2 PFHxA	*92*		*70 - 130*	*12/01/20 10:15*	*12/03/20 03:36*	*1*

Surrogate Summary

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

Job ID: 410-21733-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

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

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-21733-1	7670061 001 Playground Well	94	97	97
410-21733-3	7670061 005 Conley Well	103	103	103
410-21733-5	7670061 301 Conley Between Lead & Lag	100	100	98
410-21733-7	7670061 301 Conley Lead Vessel 1/2 Way	97	101	94
410-21733-9	7670061 301 Conley After Lag Vessel	100	104	99
410-21733-11	7670061 002 Coppersmith Well	100	100	97
410-21733-11 - DL	7670061 002 Coppersmith Well	80	76	84
410-21733-13	7670061 003 DuPont Well	112	108	105
410-21733-13 - DL	7670061 003 DuPont Well	76	72	77
410-21733-15	7670061 302 DuPont Between Lead & Lag	112	109	112
410-21733-17	7670061 302 DuPont Lead Vessel 1/2 Way	101	102	97
410-21733-19	7670061 302 DuPont After Lag Vessel	96	97	92
LCS 410-71436/2-A	Lab Control Sample	103	99	97
LCS 410-71448/2-A	Lab Control Sample	99	102	98
LCSD 410-71436/3-A	Lab Control Sample Dup	102	101	97
LCSD 410-71448/3-A	Lab Control Sample Dup	101	100	95
LLCS 410-71436/4-A	Lab Control Sample	102	103	98
LLCS 410-71448/4-A	Lab Control Sample	101	99	94
MB 410-71436/1-A	Method Blank	102	104	102
MB 410-71448/1-A	Method Blank	104	103	102

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)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-21733-2	7670061 001 Playground Well FB	98	102	97
410-21733-4	7670061 005 Conley Well FB	100	103	97
410-21733-6	7670061 301 Conley Between Lead & Lag FB	98	100	99
410-21733-8	7670061 301 Conley Lead Vessel 1/2 Way FB	105	101	98
410-21733-10	7670061 301 Conley After Lag Vessel FB	98	99	95
410-21733-12	7670061 002 Coppersmith Well FB	117	113	112
410-21733-14	7670061 003 DuPont Well FB	99	99	97

Surrogate Legend

d5NEFOS = d5-NEtFOSAA
PFDA = 13C2 PFDA

Surrogate Summary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-21733-1
Project/Site: Newberry System

PFHxA = 13C2 PFHxA

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

Job ID: 410-21733-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Lab Sample ID: MB 410-71436/1-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71436

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 09:53	12/03/20 05:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*102*		*70 - 130*	*12/01/20 09:53*	*12/03/20 05:54*	*1*
13C2 PFDA	*104*		*70 - 130*	*12/01/20 09:53*	*12/03/20 05:54*	*1*
13C2 PFHxA	*102*		*70 - 130*	*12/01/20 09:53*	*12/03/20 05:54*	*1*

Lab Sample ID: LCS 410-71436/2-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71436

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	22.9		ng/L		112	70 - 130
Perfluoroheptanoic acid	20.5	21.1		ng/L		103	70 - 130
Perfluorooctanoic acid	20.5	23.2		ng/L		113	70 - 130
Perfluorononanoic acid	20.5	23.3		ng/L		114	70 - 130
Perfluorodecanoic acid	20.5	23.9		ng/L		116	70 - 130
Perfluorotridecanoic acid	20.5	23.7		ng/L		116	70 - 130
Perfluorotetradecanoic acid	20.5	23.3		ng/L		114	70 - 130
Perfluorobutanesulfonic acid	18.1	20.7		ng/L		114	70 - 130
Perfluorohexanesulfonic acid	18.7	21.0		ng/L		112	70 - 130
Perfluorooctanesulfonic acid	19.0	21.7		ng/L		115	70 - 130
NEtFOSAA	20.5	23.5		ng/L		115	70 - 130
NMeFOSAA	20.5	22.9		ng/L		112	70 - 130
Perfluoroundecanoic acid	20.5	23.8		ng/L		116	70 - 130
Perfluorododecanoic acid	20.5	23.1		ng/L		113	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*103*		*70 - 130*
13C2 PFDA	*99*		*70 - 130*
13C2 PFHxA	*97*		*70 - 130*

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

Lab Sample ID: LCSD 410-71436/3-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71436

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			20.5	23.2		ng/L		113	70 - 130	1	30
Perfluoroheptanoic acid			20.5	22.1		ng/L		108	70 - 130	4	30
Perfluorooctanoic acid			20.5	23.5		ng/L		115	70 - 130	2	30
Perfluorononanoic acid			20.5	23.5		ng/L		115	70 - 130	1	30
Perfluorodecanoic acid			20.5	23.7		ng/L		116	70 - 130	1	30
Perfluorotridecanoic acid			20.5	24.3		ng/L		118	70 - 130	2	30
Perfluorotetradecanoic acid			20.5	24.0		ng/L		117	70 - 130	3	30
Perfluorobutanesulfonic acid			18.1	21.1		ng/L		116	70 - 130	2	30
Perfluorohexanesulfonic acid			18.7	21.4		ng/L		114	70 - 130	2	30
Perfluorooctanesulfonic acid			19.0	22.3		ng/L		118	70 - 130	3	30
NEtFOSAA			20.5	23.3		ng/L		114	70 - 130	1	30
NMeFOSAA			20.5	23.2		ng/L		113	70 - 130	1	30
Perfluoroundecanoic acid			20.5	24.1		ng/L		118	70 - 130	1	30
Perfluorododecanoic acid			20.5	24.4		ng/L		119	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*102*		*70 - 130*
13C2 PFDA	*101*		*70 - 130*
13C2 PFHxA	*97*		*70 - 130*

Lab Sample ID: LLCS 410-71436/4-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71436

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid			1.92	2.00		ng/L		104	50 - 150
Perfluoroheptanoic acid			1.92	1.88	J	ng/L		98	50 - 150
Perfluorooctanoic acid			1.92	2.02		ng/L		105	50 - 150
Perfluorononanoic acid			1.92	1.95	J	ng/L		102	50 - 150
Perfluorodecanoic acid			1.92	1.96	J	ng/L		102	50 - 150
Perfluorotridecanoic acid			1.92	1.98	J	ng/L		103	50 - 150
Perfluorotetradecanoic acid			1.92	2.00		ng/L		104	50 - 150
Perfluorobutanesulfonic acid			1.70	1.73	J	ng/L		102	50 - 150
Perfluorohexanesulfonic acid			1.75	1.75	J	ng/L		100	50 - 150
Perfluorooctanesulfonic acid			1.78	1.90	J	ng/L		107	50 - 150
NEtFOSAA			1.92	1.99	J	ng/L		104	50 - 150
NMeFOSAA			1.92	1.99	J	ng/L		103	50 - 150
Perfluoroundecanoic acid			1.92	2.04		ng/L		106	50 - 150
Perfluorododecanoic acid			1.92	2.04		ng/L		106	50 - 150

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*102*		*70 - 130*
13C2 PFDA	*103*		*70 - 130*
13C2 PFHxA	*98*		*70 - 130*

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

Lab Sample ID: MB 410-71448/1-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 71448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		12/01/20 10:15	12/03/20 01:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*104*		*70 - 130*	*12/01/20 10:15*	*12/03/20 01:16*	*1*
13C2 PFDA	*103*		*70 - 130*	*12/01/20 10:15*	*12/03/20 01:16*	*1*
13C2 PFHxA	*102*		*70 - 130*	*12/01/20 10:15*	*12/03/20 01:16*	*1*

Lab Sample ID: LCS 410-71448/2-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	80.0	87.3	E	ng/L		109	70 - 130
Perfluoroheptanoic acid	80.0	79.6		ng/L		99	70 - 130
Perfluorooctanoic acid	80.0	88.5	E	ng/L		111	70 - 130
Perfluorononanoic acid	80.0	89.3	E	ng/L		112	70 - 130
Perfluorodecanoic acid	80.0	90.7	E	ng/L		113	70 - 130
Perfluorotridecanoic acid	80.0	89.6	E	ng/L		112	70 - 130
Perfluorotetradecanoic acid	80.0	88.7	E	ng/L		111	70 - 130
Perfluorobutanesulfonic acid	70.8	77.1	E	ng/L		109	70 - 130
Perfluorohexanesulfonic acid	73.0	78.3	E	ng/L		107	70 - 130
Perfluorooctanesulfonic acid	74.0	82.2	E	ng/L		111	70 - 130
NEtFOSAA	80.0	87.2	E	ng/L		109	70 - 130
NMeFOSAA	80.0	85.9	E	ng/L		107	70 - 130
Perfluoroundecanoic acid	80.0	88.4	E	ng/L		110	70 - 130
Perfluorododecanoic acid	80.0	88.6	E	ng/L		111	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*99*		*70 - 130*
13C2 PFDA	*102*		*70 - 130*
13C2 PFHxA	*98*		*70 - 130*

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

Lab Sample ID: LCSD 410-71448/3-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 71448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			80.0	86.0	E	ng/L		107	70 - 130	1	30
Perfluoroheptanoic acid			80.0	80.2	E	ng/L		100	70 - 130	1	30
Perfluorooctanoic acid			80.0	87.1	E	ng/L		109	70 - 130	2	30
Perfluorononanoic acid			80.0	87.9	E	ng/L		110	70 - 130	2	30
Perfluorodecanoic acid			80.0	88.0	E	ng/L		110	70 - 130	3	30
Perfluorotridecanoic acid			80.0	88.7	E	ng/L		111	70 - 130	1	30
Perfluorotetradecanoic acid			80.0	87.3	E	ng/L		109	70 - 130	2	30
Perfluorobutanesulfonic acid			70.8	78.6	E	ng/L		111	70 - 130	2	30
Perfluorohexanesulfonic acid			73.0	80.2	E	ng/L		110	70 - 130	3	30
Perfluorooctanesulfonic acid			74.0	81.8	E	ng/L		111	70 - 130	0	30
NEtFOSAA			80.0	88.7	E	ng/L		111	70 - 130	2	30
NMeFOSAA			80.0	87.8	E	ng/L		110	70 - 130	2	30
Perfluoroundecanoic acid			80.0	86.5	E	ng/L		108	70 - 130	2	30
Perfluorododecanoic acid			80.0	88.6	E	ng/L		111	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*101*		*70 - 130*
13C2 PFDA	*100*		*70 - 130*
13C2 PFHxA	*95*		*70 - 130*

Lab Sample ID: LLCS 410-71448/4-A
Matrix: Drinking Water
Analysis Batch: 72227

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 71448

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid			1.92	1.94	J	ng/L		101	50 - 150
Perfluoroheptanoic acid			1.92	1.83	J	ng/L		95	50 - 150
Perfluorooctanoic acid			1.92	2.00		ng/L		104	50 - 150
Perfluorononanoic acid			1.92	1.92	J	ng/L		100	50 - 150
Perfluorodecanoic acid			1.92	1.98	J	ng/L		103	50 - 150
Perfluorotridecanoic acid			1.92	1.86	J	ng/L		97	50 - 150
Perfluorotetradecanoic acid			1.92	1.89	J	ng/L		98	50 - 150
Perfluorobutanesulfonic acid			1.70	1.71	J	ng/L		100	50 - 150
Perfluorohexanesulfonic acid			1.75	1.72	J	ng/L		98	50 - 150
Perfluorooctanesulfonic acid			1.78	1.85	J	ng/L		104	50 - 150
NEtFOSAA			1.92	1.95	J	ng/L		101	50 - 150
NMeFOSAA			1.92	1.84	J	ng/L		96	50 - 150
Perfluoroundecanoic acid			1.92	1.89	J	ng/L		98	50 - 150
Perfluorododecanoic acid			1.92	1.88	J	ng/L		98	50 - 150

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*101*		*70 - 130*
13C2 PFDA	*99*		*70 - 130*
13C2 PFHxA	*94*		*70 - 130*

LCMS

Prep Batch: 71436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-21733-1	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-2	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-3	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-4	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-5	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-6	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-7	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-9	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-10	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-71436/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-71436/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCSD 410-71436/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-71436/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Prep Batch: 71448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-21733-11 - DL	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-11	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-12	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-13 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-13	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-14	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-21733-15	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-17	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-21733-19	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
MB 410-71448/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-71448/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCSD 410-71448/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-71448/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Analysis Batch: 72227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-21733-1	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
410-21733-2	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71436
410-21733-3	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
410-21733-4	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71436
410-21733-5	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
410-21733-6	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71436
410-21733-7	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
410-21733-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71436
410-21733-9	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
410-21733-10	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71436
410-21733-11	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
410-21733-12	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71448
410-21733-13	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
410-21733-14	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	71448
410-21733-15	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
410-21733-17	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
410-21733-19	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
MB 410-71436/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436

LCMS (Continued)

Analysis Batch: 72227 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-71448/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
LCS 410-71436/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
LCS 410-71448/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
LCSD 410-71436/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
LCSD 410-71448/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
LLCS 410-71436/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	71436
LLCS 410-71448/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448

Analysis Batch: 73039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-21733-11 - DL	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448
410-21733-13 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	71448

Lab Chronicle

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

Job ID: 410-21733-1

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-21733-1

Date Collected: 11/18/20 09:55

Matrix: Drinking Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 08:48	Y6ZN	ELLE

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-21733-2

Date Collected: 11/18/20 09:55

Matrix: Potable Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:00	Y6ZN	ELLE

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-21733-3

Date Collected: 11/18/20 10:00

Matrix: Drinking Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:11	Y6ZN	ELLE

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-21733-4

Date Collected: 11/18/20 10:00

Matrix: Potable Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:23	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-21733-5

Date Collected: 11/18/20 09:50

Matrix: Drinking Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:34	Y6ZN	ELLE

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

Lab Sample ID: 410-21733-6

Date Collected: 11/18/20 09:50

Matrix: Potable Water

Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:46	Y6ZN	ELLE

Lab Chronicle

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

Job ID: 410-21733-1

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way

Lab Sample ID: 410-21733-7

Date Collected: 11/18/20 09:55
Date Received: 11/20/20 18:25

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 09:57	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB

Lab Sample ID: 410-21733-8

Date Collected: 11/18/20 09:55
Date Received: 11/20/20 18:25

Matrix: Potable Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 10:09	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-21733-9

Date Collected: 11/18/20 09:45
Date Received: 11/20/20 18:25

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 10:21	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-21733-10

Date Collected: 11/18/20 09:45
Date Received: 11/20/20 18:25

Matrix: Potable Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71436	12/01/20 09:53	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 10:32	Y6ZN	ELLE

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-21733-11

Date Collected: 11/18/20 08:40
Date Received: 11/20/20 18:25

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 02:03	Y6ZN	ELLE
Total/NA	Prep	EPA 537 Ver 1.1	DL		71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	73039	12/04/20 10:43	DCS9	ELLE

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-21733-12

Date Collected: 11/18/20 08:40
Date Received: 11/20/20 18:25

Matrix: Potable Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 02:15	Y6ZN	ELLE

Client Sample ID: 7670061 003 DuPont Well
Lab Sample ID: 410-21733-13

Date Collected: 11/18/20 09:15
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 02:26	Y6ZN	ELLE
Total/NA	Prep	EPA 537 Ver 1.1	DL		71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	73039	12/04/20 10:55	DCS9	ELLE

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-21733-14

Date Collected: 11/18/20 09:15
Matrix: Potable Water
Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 02:38	Y6ZN	ELLE

Client Sample ID: 7670061 302 DuPont Between Lead & Lag
Lab Sample ID: 410-21733-15

Date Collected: 11/18/20 09:05
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 02:49	Y6ZN	ELLE

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way
Lab Sample ID: 410-21733-17

Date Collected: 11/18/20 09:10
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 03:13	Y6ZN	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel
Lab Sample ID: 410-21733-19

Date Collected: 11/18/20 09:00
Matrix: Drinking Water
Date Received: 11/20/20 18:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			71448	12/01/20 10:15	CL	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	72227	12/03/20 03:36	Y6ZN	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: 410-21733-1
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	01-31-21

Method Summary

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

Job ID: 410-21733-1

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: 410-21733-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-21733-1	7670061 001 Playground Well	Drinking Water	11/18/20 09:55	11/20/20 18:25	
410-21733-2	7670061 001 Playground Well FB	Potable Water	11/18/20 09:55	11/20/20 18:25	
410-21733-3	7670061 005 Conley Well	Drinking Water	11/18/20 10:00	11/20/20 18:25	
410-21733-4	7670061 005 Conley Well FB	Potable Water	11/18/20 10:00	11/20/20 18:25	
410-21733-5	7670061 301 Conley Between Lead & Lag	Drinking Water	11/18/20 09:50	11/20/20 18:25	
410-21733-6	7670061 301 Conley Between Lead & Lag FB	Potable Water	11/18/20 09:50	11/20/20 18:25	
410-21733-7	7670061 301 Conley Lead Vessel 1/2 Way	Drinking Water	11/18/20 09:55	11/20/20 18:25	
410-21733-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Potable Water	11/18/20 09:55	11/20/20 18:25	
410-21733-9	7670061 301 Conley After Lag Vessel	Drinking Water	11/18/20 09:45	11/20/20 18:25	
410-21733-10	7670061 301 Conley After Lag Vessel FB	Potable Water	11/18/20 09:45	11/20/20 18:25	
410-21733-11	7670061 002 Coppersmith Well	Drinking Water	11/18/20 08:40	11/20/20 18:25	
410-21733-12	7670061 002 Coppersmith Well FB	Potable Water	11/18/20 08:40	11/20/20 18:25	
410-21733-13	7670061 003 DuPont Well	Drinking Water	11/18/20 09:15	11/20/20 18:25	
410-21733-14	7670061 003 DuPont Well FB	Potable Water	11/18/20 09:15	11/20/20 18:25	
410-21733-15	7670061 302 DuPont Between Lead & Lag	Drinking Water	11/18/20 09:05	11/20/20 18:25	
410-21733-17	7670061 302 DuPont Lead Vessel 1/2 Way	Drinking Water	11/18/20 09:10	11/20/20 18:25	
410-21733-19	7670061 302 DuPont After Lag Vessel	Drinking Water	11/18/20 09:00	11/20/20 18:25	

Environmental Analysis Requ ...dy

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410-21733 Chain of Custody

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 ☐

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil ☐ Sediment ☐ Tissue ☐	Water: Potable ☐ Ground ☑ NPDES ☐ Surface ☐	Other: GAC Filtered Water	Total # of Containers	Analyses Requested: Preservation and Filtration Codes: O	PFAS (14) 537 v 1.1
001 Playground Well	11/18/20	0955	X			X		2		X
FB - Playground Well	11/18/20	0955						2		X
005 Conley Well	11/18/20	1000	X			X		2		X
FB - Conley Well	11/18/20	1000						2		X
301s Conley Between Lead and Lag	11/18/20	0950	X				X	2		X
FB - Conley Between Lead and Lag	11/18/20	0950						2		X
301s Conley Lead Vessel Halfway Port	11/18/20	0955	X				X	2		X
FB - Conely Lead Vessel Halfway Port	11/18/20	0955						2		X
301s Conley After Lag	11/18/20	0945	X				X	2		X
FB - Conely After Lag	11/18/20	0945						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
1	Penny Bumbarger	11/20/20	1007	[signature]	11/20/20	1010
2	[signature]	11/20/20	1814			
3						
4						
5				[signature]	11/20/20	1825

Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other K

Temperature upon receipt 1.4/1.9 °C

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JR

12/7/2020

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 ☐

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil ☐ Sediment ☐ Tissue ☐	Water: Potable ☐ Ground ☑ Surface ☐ NPDES ☐	Other: GAC Filtered Water	Total # of Containers	Analyses Requested: PFAS (14) 537 v 1.1	O
002 Coppersmith Well	11/18/20	0840	X			X		2	X	
FB - Coppersmith Well	11/18/20	0840						2	X	
003 DuPont Well	11/18/20	0915	X			X		2	X	
FB - DuPont Well	11/18/20	0915						2	X	
302s DuPont Between Lead and Lag	11/18/20	0905	X				X	2	X	
FB - DuPont Between Lead and Lag	11/18/20	0905						2	X	
302s DuPont Lead Vessel Halfway Port	11/18/20	0910	X				X	2	X	
FB - DuPont Lead Vessel Halfway Port	11/18/20	0910						2	X	
302s DuPont After Lag	11/18/20	0900	X				X	2	X	
FB - DuPont After Lag	11/18/20	0900						2	X	

Preservation and Filtration Codes

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	11/20/20	1007		11/20/20	1110
	11/20/20	1814			
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other X			Temperature upon receipt 1.4/1.9 °C		

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7045 0717

Login Sample Receipt Checklist

Client: SUEZ Water Environmental Services Inc

Job Number: 410-21733-1

Login Number: 21733

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Rivera-Santa, Julissa

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	