

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
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Laboratory Job ID: 410-8555-1
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



Authorized for release by:
8/10/2020 6:05:26 PM

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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 data that exceed the upper limits and are associated with non-detect samples are qualified but no further narration is needed since the bias is high and does not change a non-detect result. 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
8/10/2020 6:05:26 PM



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Definitions/Glossary

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

Job ID: 410-8555-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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: 410-8555-1

Job ID: 410-8555-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

410-8555-1

Comments

No additional comments.

Receipt

The samples were received on 7/23/2020 4:03 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.2° C.

LCMS

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

Organic Prep

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

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Detection Summary

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

Job ID: 410-8555-1

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-8555-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	14		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.7		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.3		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	4.3		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.0		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	50		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	67		17	4.2	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-8555-2

No Detections.

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-8555-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	6.3		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.5		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.7		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.6		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	46		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	46		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-8555-4

No Detections.

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-8555-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	27		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.0		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	5.0		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	2.0		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.9		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	42		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	27		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA

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

Lab Sample ID: 410-8555-6

No Detections.

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way

Lab Sample ID: 410-8555-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	19		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.2		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.4		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.1		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.1		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	51		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	47		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

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

Job ID: 410-8555-1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way FB

Lab Sample ID: 410-8555-8

No Detections.

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-8555-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	30		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.1		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	1.8		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.6		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	14		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	2.8		1.7	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-8555-10

No Detections.

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-8555-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	13		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.1		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.6		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.4		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.8		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	11		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-8555-12

No Detections.

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-8555-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	11		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	2.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	3.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	6.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-8555-14

No Detections.

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-8555-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	14		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.1		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.8		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.5		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	3.3		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	3.2		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Detection Summary

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

Job ID: 410-8555-1

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

Lab Sample ID: 410-8555-16

No Detections.

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

Lab Sample ID: 410-8555-17

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	3.0		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	5.6		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.2		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	6.2		1.8	0.44	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: 410-8555-18

No Detections.

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-8555-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	10		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	2.8		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-8555-20

No Detections.

Client Sample ID: 7670061 101 Conley EP

Lab Sample ID: 410-8555-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	11		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	2.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 101 Conley EP FB

Lab Sample ID: 410-8555-22

No Detections.

Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-8555-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	32		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	1.8		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	8.9		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	15		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	3.0		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-8555-24

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Env, LLC

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-8555-1

Date Collected: 07/22/20 08:40

Matrix: Drinking Water

Date Received: 07/23/20 16:03

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		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluoroheptanoic acid	5.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorooctanoic acid	7.3		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorononanoic acid	4.3		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorobutanesulfonic acid	7.0		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorohexanesulfonic acid	50		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorooctanesulfonic acid	67		17	4.2	ng/L		07/26/20 09:52	07/31/20 22:18	10
NEtFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130	07/26/20 09:52	07/29/20 01:02	1
d5-NMeFOSAA	109		70 - 130	07/26/20 09:52	07/31/20 22:18	10
13C2 PFDA	105		70 - 130	07/26/20 09:52	07/29/20 01:02	1
13C2 PFDA	110		70 - 130	07/26/20 09:52	07/31/20 22:18	10
13C2 PFHxA	103		70 - 130	07/26/20 09:52	07/29/20 01:02	1
13C2 PFHxA	113		70 - 130	07/26/20 09:52	07/31/20 22:18	10

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-8555-2

Date Collected: 07/22/20 08:40

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:52	07/29/20 01:11	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	101		70 - 130	07/26/20 09:52	07/29/20 01:11	1
13C2 PFDA	105		70 - 130	07/26/20 09:52	07/29/20 01:11	1
13C2 PFHxA	104		70 - 130	07/26/20 09:52	07/29/20 01:11	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-8555-3

Date Collected: 07/22/20 09:15

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	6.3		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluoroheptanoic acid	2.5		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorooctanoic acid	4.7		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorobutanesulfonic acid	4.6		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorohexanesulfonic acid	46		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorooctanesulfonic acid	46		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:52	07/29/20 01:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130				07/26/20 09:52	07/29/20 01:20	1
13C2 PFDA	106		70 - 130				07/26/20 09:52	07/29/20 01:20	1
13C2 PFHxA	105		70 - 130				07/26/20 09:52	07/29/20 01:20	1

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-8555-4

Date Collected: 07/22/20 09:15

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:52	07/29/20 01:29	1
Perfluoroheptanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorooctanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorononanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorodecanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorotridecanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorotetradecanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
NEtFOSAA	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
NMeFOSAA	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluoroundecanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Perfluorododecanoic acid	<1.9		1.9	0.46	ng/L		07/26/20 09:52	07/29/20 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	102		70 - 130				07/26/20 09:52	07/29/20 01:29	1
13C2 PFDA	105		70 - 130				07/26/20 09:52	07/29/20 01:29	1
13C2 PFHxA	104		70 - 130				07/26/20 09:52	07/29/20 01:29	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-8555-5

Date Collected: 07/22/20 09:05

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	27		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluoroheptanoic acid	5.0		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorooctanoic acid	5.0		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorononanoic acid	2.0		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorobutanesulfonic acid	7.9		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorohexanesulfonic acid	42		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorooctanesulfonic acid	27		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	103		70 - 130				07/26/20 09:52	07/29/20 01:38	1
13C2 PFDA	104		70 - 130				07/26/20 09:52	07/29/20 01:38	1
13C2 PFHxA	104		70 - 130				07/26/20 09:52	07/29/20 01:38	1

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-8555-6

FB

Date Collected: 07/22/20 09:05

Matrix: Potable Water

Date Received: 07/23/20 16:03

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	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluoroheptanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorooctanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		07/26/20 09:52	07/29/20 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	105		70 - 130				07/26/20 09:52	07/29/20 01:47	1
13C2 PFDA	104		70 - 130				07/26/20 09:52	07/29/20 01:47	1
13C2 PFHxA	109		70 - 130				07/26/20 09:52	07/29/20 01:47	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way

Lab Sample ID: 410-8555-7

Date Collected: 07/22/20 09:10

Matrix: Drinking Water

Date Received: 07/23/20 16:03

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	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluoroheptanoic acid	5.2		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorooctanoic acid	6.4		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorononanoic acid	3.1		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorodecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorotridecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorotetradecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorobutanesulfonic acid	7.1		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorohexanesulfonic acid	51		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorooctanesulfonic acid	47		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
NEtFOSAA	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
NMeFOSAA	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluoroundecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Perfluorododecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 01:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130				07/26/20 09:52	07/29/20 01:56	1
13C2 PFDA	105		70 - 130				07/26/20 09:52	07/29/20 01:56	1
13C2 PFHxA	105		70 - 130				07/26/20 09:52	07/29/20 01:56	1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way

Lab Sample ID: 410-8555-8

FB

Date Collected: 07/22/20 09:10

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:52	07/29/20 02:05	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130				07/26/20 09:52	07/29/20 02:05	1
13C2 PFDA	101		70 - 130				07/26/20 09:52	07/29/20 02:05	1
13C2 PFHxA	103		70 - 130				07/26/20 09:52	07/29/20 02:05	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-8555-9

Date Collected: 07/22/20 09:00

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	30		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluoroheptanoic acid	3.1		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorooctanoic acid	1.8		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorononanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorodecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorotridecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorotetradecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorobutanesulfonic acid	7.6		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorohexanesulfonic acid	14		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorooctanesulfonic acid	2.8		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
NEtFOSAA	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
NMeFOSAA	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluoroundecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Perfluorododecanoic acid	<1.7		1.7	0.44	ng/L		07/26/20 09:52	07/29/20 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130				07/26/20 09:52	07/29/20 02:15	1
13C2 PFDA	104		70 - 130				07/26/20 09:52	07/29/20 02:15	1
13C2 PFHxA	103		70 - 130				07/26/20 09:52	07/29/20 02:15	1

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-8555-10

Date Collected: 07/22/20 09:00

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:52	07/29/20 02:24	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	104		70 - 130				07/26/20 09:52	07/29/20 02:24	1
13C2 PFDA	106		70 - 130				07/26/20 09:52	07/29/20 02:24	1
13C2 PFHxA	106		70 - 130				07/26/20 09:52	07/29/20 02:24	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-8555-11

Date Collected: 07/22/20 09:40

Matrix: Drinking Water

Date Received: 07/23/20 16:03

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	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluoroheptanoic acid	3.1		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorooctanoic acid	6.6		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorobutanesulfonic acid	3.4		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorohexanesulfonic acid	5.8		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorooctanesulfonic acid	11		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:52	07/29/20 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	95		70 - 130				07/26/20 09:52	07/29/20 02:43	1
13C2 PFDA	103		70 - 130				07/26/20 09:52	07/29/20 02:43	1
13C2 PFHxA	102		70 - 130				07/26/20 09:52	07/29/20 02:43	1

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-8555-12

Date Collected: 07/22/20 09:40

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:52	07/29/20 02:53	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:52	07/29/20 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	104		70 - 130				07/26/20 09:52	07/29/20 02:53	1
13C2 PFDA	110		70 - 130				07/26/20 09:52	07/29/20 02:53	1
13C2 PFHxA	108		70 - 130				07/26/20 09:52	07/29/20 02:53	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-8555-13

Date Collected: 07/22/20 09:45

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	11		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluoroheptanoic acid	2.6		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorooctanoic acid	4.6		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorobutanesulfonic acid	2.5		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorohexanesulfonic acid	3.6		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorooctanesulfonic acid	6.5		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	104		70 - 130				07/26/20 09:58	07/29/20 03:41	1
13C2 PFDA	109		70 - 130				07/26/20 09:58	07/29/20 03:41	1
13C2 PFHxA	112		70 - 130				07/26/20 09:58	07/29/20 03:41	1

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-8555-14

Date Collected: 07/22/20 09:45

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 03:50	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	108		70 - 130				07/26/20 09:58	07/29/20 03:50	1
13C2 PFDA	112		70 - 130				07/26/20 09:58	07/29/20 03:50	1
13C2 PFHxA	115		70 - 130				07/26/20 09:58	07/29/20 03:50	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-8555-15

Date Collected: 07/22/20 09:30

Matrix: Drinking Water

Date Received: 07/23/20 16:03

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		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluoroheptanoic acid	3.1		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorooctanoic acid	4.8		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorobutanesulfonic acid	3.5		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorohexanesulfonic acid	3.3		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorooctanesulfonic acid	3.2		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 03:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130				07/26/20 09:58	07/29/20 03:59	1
13C2 PFDA	107		70 - 130				07/26/20 09:58	07/29/20 03:59	1
13C2 PFHxA	108		70 - 130				07/26/20 09:58	07/29/20 03:59	1

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-8555-16

FB

Date Collected: 07/22/20 09:30

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 04:08	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	113		70 - 130				07/26/20 09:58	07/29/20 04:08	1
13C2 PFDA	117		70 - 130				07/26/20 09:58	07/29/20 04:08	1
13C2 PFHxA	119		70 - 130				07/26/20 09:58	07/29/20 04:08	1

Client Sample Results

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

Job ID: 410-8555-1

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

Lab Sample ID: 410-8555-17

Date Collected: 07/22/20 09:35

Matrix: Drinking Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 04:18	1
Perfluoroheptanoic acid	3.0		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorooctanoic acid	5.6		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorobutanesulfonic acid	3.2		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorohexanesulfonic acid	4.4		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorooctanesulfonic acid	6.2		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130				07/26/20 09:58	07/29/20 04:18	1
13C2 PFDA	106		70 - 130				07/26/20 09:58	07/29/20 04:18	1
13C2 PFHxA	105		70 - 130				07/26/20 09:58	07/29/20 04:18	1

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

Lab Sample ID: 410-8555-18

FB

Date Collected: 07/22/20 09:35

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 04:27	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130				07/26/20 09:58	07/29/20 04:27	1
13C2 PFDA	100		70 - 130				07/26/20 09:58	07/29/20 04:27	1
13C2 PFHxA	107		70 - 130				07/26/20 09:58	07/29/20 04:27	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-8555-19

Date Collected: 07/22/20 09:25

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	10		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluoroheptanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorooctanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorobutanesulfonic acid	2.8		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		07/26/20 09:58	07/29/20 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	99		70 - 130				07/26/20 09:58	07/29/20 04:36	1
13C2 PFDA	101		70 - 130				07/26/20 09:58	07/29/20 04:36	1
13C2 PFHxA	102		70 - 130				07/26/20 09:58	07/29/20 04:36	1

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-8555-20

Date Collected: 07/22/20 09:25

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 04:45	1
Perfluoroheptanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorooctanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorononanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorodecanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorotridecanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorotetradecanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
NEtFOSAA	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
NMeFOSAA	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluoroundecanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Perfluorododecanoic acid	<2.0		2.0	0.49	ng/L		07/26/20 09:58	07/29/20 04:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	112		70 - 130				07/26/20 09:58	07/29/20 04:45	1
13C2 PFDA	116		70 - 130				07/26/20 09:58	07/29/20 04:45	1
13C2 PFHxA	114		70 - 130				07/26/20 09:58	07/29/20 04:45	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 101 Conley EP

Lab Sample ID: 410-8555-21

Date Collected: 07/22/20 09:20

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	11		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluoroheptanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorooctanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorobutanesulfonic acid	2.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		07/26/20 09:58	07/29/20 04:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	101		70 - 130				07/26/20 09:58	07/29/20 04:54	1
13C2 PFDA	107		70 - 130				07/26/20 09:58	07/29/20 04:54	1
13C2 PFHxA	110		70 - 130				07/26/20 09:58	07/29/20 04:54	1

Client Sample ID: 7670061 101 Conley EP FB

Lab Sample ID: 410-8555-22

Date Collected: 07/22/20 09:20

Matrix: Potable Water

Date Received: 07/23/20 16:03

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		07/26/20 09:58	07/29/20 05:03	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130				07/26/20 09:58	07/29/20 05:03	1
13C2 PFDA	106		70 - 130				07/26/20 09:58	07/29/20 05:03	1
13C2 PFHxA	108		70 - 130				07/26/20 09:58	07/29/20 05:03	1

Client Sample Results

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

Job ID: 410-8555-1

Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-8555-23

Date Collected: 07/22/20 08:50

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	32		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluoroheptanoic acid	3.2		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorooctanoic acid	1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorobutanesulfonic acid	8.9		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorohexanesulfonic acid	15		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorooctanesulfonic acid	3.0		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		07/26/20 09:58	07/29/20 05:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130				07/26/20 09:58	07/29/20 05:22	1
13C2 PFDA	110		70 - 130				07/26/20 09:58	07/29/20 05:22	1
13C2 PFHxA	110		70 - 130				07/26/20 09:58	07/29/20 05:22	1

Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-8555-24

Date Collected: 07/22/20 08:50

Matrix: Potable Water

Date Received: 07/23/20 16:03

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluoroheptanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorooctanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorobutanesulfonic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		07/26/20 09:58	07/29/20 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	100		70 - 130				07/26/20 09:58	07/29/20 05:32	1
13C2 PFDA	108		70 - 130				07/26/20 09:58	07/29/20 05:32	1
13C2 PFHxA	107		70 - 130				07/26/20 09:58	07/29/20 05:32	1

Surrogate Summary

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

Job ID: 410-8555-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Matrix: Drinking Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-8555-1	7670061 002 Coppersmith Well	98	105	103
410-8555-1	7670061 002 Coppersmith Well	109	110	113
410-8555-3	7670061 003 DuPont Well	99	106	105
410-8555-5	7670061 302 DuPont Between Lead & Lag	103	104	104
410-8555-7	7670061 302 DuPont Lead Vessel 1/2 Way	100	105	105
410-8555-9	7670061 302 DuPont After Lag Vessel	100	104	103
410-8555-11	7670061 001 Playground Well	95	103	102
410-8555-13	7670061 005 Conley Well	104	109	112
410-8555-15	7670061 301 Conley Between Lead & Lag	99	107	108
410-8555-17	7670061 301 Conley Lead Vessel 1/2 Way	98	106	105
410-8555-19	7670061 301 Conley After Lag Vessel	99	101	102
410-8555-21	7670061 101 Conley EP	101	107	110
410-8555-23	7670061 102 DuPont EP	100	110	110
LCS 410-26433/2-A	Lab Control Sample	99	106	109
LCSD 410-26433/3-A	Lab Control Sample Dup	102	105	108
LLCS 410-26430/2-A	Lab Control Sample	104	106	107
LLCSD 410-26430/3-A	Lab Control Sample Dup	101	105	108
MB 410-26430/1-A	Method Blank	101	109	109
MB 410-26433/1-A	Method Blank	106	110	114

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-8555-2	7670061 002 Coppersmith Well FB	101	105	104
410-8555-4	7670061 003 DuPont Well FB	102	105	104
410-8555-6	7670061 302 DuPont Between Lead & Lag FB	105	104	109
410-8555-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	98	101	103
410-8555-10	7670061 302 DuPont After Lag Vessel FB	104	106	106
410-8555-12	7670061 001 Playground Well FB	104	110	108
410-8555-14	7670061 005 Conley Well FB	108	112	115
410-8555-16	7670061 301 Conley Between Lead & Lag FB	113	117	119
410-8555-18	7670061 301 Conley Lead Vessel 1/2 Way FB	99	100	107
410-8555-20	7670061 301 Conley After Lag Vessel FB	112	116	114

Eurofins Lancaster Laboratories Env, LLC

Surrogate Summary

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

Job ID: 410-8555-1

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

Matrix: Potable Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	d5NEFOS	PFDA	PFHxA
		(70-130)	(70-130)	(70-130)
410-8555-22	7670061 101 Conley EP FB	100	106	108
410-8555-24	7670061 102 DuPont EP FB	100	108	107

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

QC Sample Results

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

Job ID: 410-8555-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Lab Sample ID: MB 410-26430/1-A
Matrix: Drinking Water
Analysis Batch: 27277

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26430

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:52	07/29/20 00:34	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	101		70 - 130	07/26/20 09:52	07/29/20 00:34	1
13C2 PFDA	109		70 - 130	07/26/20 09:52	07/29/20 00:34	1
13C2 PFHxA	109		70 - 130	07/26/20 09:52	07/29/20 00:34	1

Lab Sample ID: LLCS 410-26430/2-A
Matrix: Drinking Water
Analysis Batch: 27277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26430

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	3.84	3.61		ng/L		94	50 - 150
Perfluoroheptanoic acid	3.84	3.50		ng/L		91	50 - 150
Perfluorooctanoic acid	3.84	3.51		ng/L		91	50 - 150
Perfluorononanoic acid	3.84	3.56		ng/L		93	50 - 150
Perfluorodecanoic acid	3.84	3.32		ng/L		86	50 - 150
Perfluorotridecanoic acid	3.84	3.46		ng/L		90	50 - 150
Perfluorotetradecanoic acid	3.84	3.19		ng/L		83	50 - 150
Perfluorobutanesulfonic acid	3.40	3.05		ng/L		90	50 - 150
Perfluorohexanesulfonic acid	3.50	3.00		ng/L		86	50 - 150
Perfluorooctanesulfonic acid	3.55	3.23		ng/L		91	50 - 150
NEtFOSAA	3.84	3.55		ng/L		92	50 - 150
NMeFOSAA	3.84	3.51		ng/L		91	50 - 150
Perfluoroundecanoic acid	3.84	3.71		ng/L		97	50 - 150
Perfluorododecanoic acid	3.84	3.52		ng/L		92	50 - 150

Surrogate	LLCS %Recovery	LLCS Qualifier	Limits
d5-NEtFOSAA	104		70 - 130
13C2 PFDA	106		70 - 130
13C2 PFHxA	107		70 - 130

QC Sample Results

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

Job ID: 410-8555-1

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

Lab Sample ID: LLCSD 410-26430/3-A

Matrix: Drinking Water

Analysis Batch: 27277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26430

Analyte	Spike Added	LLCSD Result	LLCSD Qualifier	Unit	D	%Rec	%Rec.		RPD	Limit
							Limits	RPD		
Perfluorohexanoic acid	3.84	3.62		ng/L		94	50 - 150	0.4	30	
Perfluoroheptanoic acid	3.84	3.51		ng/L		91	50 - 150	0.2	30	
Perfluorooctanoic acid	3.84	3.48		ng/L		91	50 - 150	0.7	30	
Perfluorononanoic acid	3.84	3.50		ng/L		91	50 - 150	2	30	
Perfluorodecanoic acid	3.84	3.30		ng/L		86	50 - 150	0.6	30	
Perfluorotridecanoic acid	3.84	3.45		ng/L		90	50 - 150	0.3	30	
Perfluorotetradecanoic acid	3.84	3.48		ng/L		91	50 - 150	9	30	
Perfluorobutanesulfonic acid	3.40	3.03		ng/L		89	50 - 150	0.5	30	
Perfluorohexanesulfonic acid	3.50	3.04		ng/L		87	50 - 150	1	30	
Perfluorooctanesulfonic acid	3.55	3.17		ng/L		89	50 - 150	2	30	
NEtFOSAA	3.84	3.37		ng/L		88	50 - 150	5	30	
NMeFOSAA	3.84	3.34		ng/L		87	50 - 150	5	30	
Perfluoroundecanoic acid	3.84	3.55		ng/L		92	50 - 150	4	30	
Perfluorododecanoic acid	3.84	3.71		ng/L		97	50 - 150	5	30	

Surrogate	LLCSD LLCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	101		70 - 130
13C2 PFDA	105		70 - 130
13C2 PFHxA	108		70 - 130

Lab Sample ID: MB 410-26433/1-A

Matrix: Drinking Water

Analysis Batch: 27277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26433

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		07/26/20 09:58	07/29/20 03:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	106		70 - 130	07/26/20 09:58	07/29/20 03:13	1
13C2 PFDA	110		70 - 130	07/26/20 09:58	07/29/20 03:13	1
13C2 PFHxA	114		70 - 130	07/26/20 09:58	07/29/20 03:13	1

QC Sample Results

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

Job ID: 410-8555-1

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

Lab Sample ID: LCS 410-26433/2-A

Matrix: Drinking Water

Analysis Batch: 27277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26433

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
							Lower	Upper
Perfluorohexanoic acid	20.5	20.7		ng/L		101	70	130
Perfluoroheptanoic acid	20.5	19.9		ng/L		97	70	130
Perfluorooctanoic acid	20.5	20.1		ng/L		98	70	130
Perfluorononanoic acid	20.5	20.4		ng/L		100	70	130
Perfluorodecanoic acid	20.5	19.4		ng/L		95	70	130
Perfluorotridecanoic acid	20.5	21.0		ng/L		103	70	130
Perfluorotetradecanoic acid	20.5	21.2		ng/L		104	70	130
Perfluorobutanesulfonic acid	18.1	17.8		ng/L		98	70	130
Perfluorohexanesulfonic acid	18.7	17.7		ng/L		95	70	130
Perfluorooctanesulfonic acid	19.0	17.8		ng/L		94	70	130
NEtFOSAA	20.5	19.3		ng/L		94	70	130
NMeFOSAA	20.5	19.1		ng/L		93	70	130
Perfluoroundecanoic acid	20.5	21.3		ng/L		104	70	130
Perfluorododecanoic acid	20.5	21.3		ng/L		104	70	130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	99		70 - 130
13C2 PFDA	106		70 - 130
13C2 PFHxA	109		70 - 130

Lab Sample ID: LCSD 410-26433/3-A

Matrix: Drinking Water

Analysis Batch: 27277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 26433

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD Limit	
							Lower	Upper	RPD	Limit
Perfluorohexanoic acid	20.5	19.7		ng/L		96	70	130	5	30
Perfluoroheptanoic acid	20.5	19.2		ng/L		94	70	130	4	30
Perfluorooctanoic acid	20.5	19.1		ng/L		93	70	130	5	30
Perfluorononanoic acid	20.5	19.2		ng/L		94	70	130	6	30
Perfluorodecanoic acid	20.5	18.5		ng/L		91	70	130	4	30
Perfluorotridecanoic acid	20.5	20.4		ng/L		99	70	130	3	30
Perfluorotetradecanoic acid	20.5	20.5		ng/L		100	70	130	4	30
Perfluorobutanesulfonic acid	18.1	17.2		ng/L		95	70	130	4	30
Perfluorohexanesulfonic acid	18.7	17.0		ng/L		91	70	130	4	30
Perfluorooctanesulfonic acid	19.0	17.6		ng/L		93	70	130	1	30
NEtFOSAA	20.5	19.2		ng/L		94	70	130	1	30
NMeFOSAA	20.5	19.0		ng/L		93	70	130	1	30
Perfluoroundecanoic acid	20.5	20.5		ng/L		100	70	130	4	30
Perfluorododecanoic acid	20.5	20.5		ng/L		100	70	130	4	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	102		70 - 130
13C2 PFDA	105		70 - 130
13C2 PFHxA	108		70 - 130

QC Association Summary

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

Job ID: 410-8555-1

LCMS

Prep Batch: 26430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-8555-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-7	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-9	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-10	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-26430/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-26430/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCSD 410-26430/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Prep Batch: 26433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-8555-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-17	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-19	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-20	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-21	7670061 101 Conley EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-22	7670061 101 Conley EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-8555-23	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-8555-24	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-26433/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-26433/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-26433/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Analysis Batch: 27277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-8555-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-7	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-9	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-10	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
410-8555-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26430
410-8555-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
410-8555-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
410-8555-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433

QC Association Summary

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

Job ID: 410-8555-1

LCMS (Continued)

Analysis Batch: 27277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-8555-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
410-8555-17	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
410-8555-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
410-8555-19	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
410-8555-20	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
410-8555-21	7670061 101 Conley EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
410-8555-22	7670061 101 Conley EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
410-8555-23	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
410-8555-24	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	26433
MB 410-26430/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
MB 410-26433/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
LCS 410-26433/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
LCSD 410-26433/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	26433
LLCS 410-26430/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430
LLCSD 410-26430/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430

Analysis Batch: 28625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-8555-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	26430



Lab Chronicle

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

Job ID: 410-8555-1

Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-8555-1

Date Collected: 07/22/20 08:40

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:02	AC	ELLE
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		10	28625	07/31/20 22:18	AC	ELLE

Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-8555-2

Date Collected: 07/22/20 08:40

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:11	AC	ELLE

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-8555-3

Date Collected: 07/22/20 09:15

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:20	AC	ELLE

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-8555-4

Date Collected: 07/22/20 09:15

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:29	AC	ELLE

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-8555-5

Date Collected: 07/22/20 09:05

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:38	AC	ELLE

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

Lab Sample ID: 410-8555-6

Date Collected: 07/22/20 09:05

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:47	AC	ELLE

Lab Chronicle

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

Job ID: 410-8555-1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way

Lab Sample ID: 410-8555-7

Date Collected: 07/22/20 09:10

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 01:56	AC	ELLE

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way

Lab Sample ID: 410-8555-8

FB

Date Collected: 07/22/20 09:10

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 02:05	AC	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-8555-9

Date Collected: 07/22/20 09:00

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 02:15	AC	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-8555-10

Date Collected: 07/22/20 09:00

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 02:24	AC	ELLE

Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-8555-11

Date Collected: 07/22/20 09:40

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 02:43	AC	ELLE

Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-8555-12

Date Collected: 07/22/20 09:40

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26430	07/26/20 09:52	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 02:53	AC	ELLE

Lab Chronicle

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

Job ID: 410-8555-1

Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-8555-13

Date Collected: 07/22/20 09:45

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 03:41	AC	ELLE

Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-8555-14

Date Collected: 07/22/20 09:45

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 03:50	AC	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag

Lab Sample ID: 410-8555-15

Date Collected: 07/22/20 09:30

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 03:59	AC	ELLE

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

Lab Sample ID: 410-8555-16

Date Collected: 07/22/20 09:30

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:08	AC	ELLE

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

Lab Sample ID: 410-8555-17

Date Collected: 07/22/20 09:35

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:18	AC	ELLE

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

Lab Sample ID: 410-8555-18

Date Collected: 07/22/20 09:35

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:27	AC	ELLE

Lab Chronicle

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

Job ID: 410-8555-1

Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-8555-19

Date Collected: 07/22/20 09:25

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:36	AC	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-8555-20

Date Collected: 07/22/20 09:25

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:45	AC	ELLE

Client Sample ID: 7670061 101 Conley EP

Lab Sample ID: 410-8555-21

Date Collected: 07/22/20 09:20

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 04:54	AC	ELLE

Client Sample ID: 7670061 101 Conley EP FB

Lab Sample ID: 410-8555-22

Date Collected: 07/22/20 09:20

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 05:03	AC	ELLE

Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-8555-23

Date Collected: 07/22/20 08:50

Matrix: Drinking Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 05:22	AC	ELLE

Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-8555-24

Date Collected: 07/22/20 08:50

Matrix: Potable Water

Date Received: 07/23/20 16:03

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			26433	07/26/20 09:58	Z5TV	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	27277	07/29/20 05:32	AC	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
Project/Site: Newberry System

Job ID: 410-8555-1

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

- 1
- 2
- 3
- 4
- 5
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- 13
- 14
- 15

Method Summary

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

Job ID: 410-8555-1

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: 410-8555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-8555-1	7670061 002 Coppersmith Well	Drinking Water	07/22/20 08:40	07/23/20 16:03	
410-8555-2	7670061 002 Coppersmith Well FB	Potable Water	07/22/20 08:40	07/23/20 16:03	
410-8555-3	7670061 003 DuPont Well	Drinking Water	07/22/20 09:15	07/23/20 16:03	
410-8555-4	7670061 003 DuPont Well FB	Potable Water	07/22/20 09:15	07/23/20 16:03	
410-8555-5	7670061 302 DuPont Between Lead & Lag	Drinking Water	07/22/20 09:05	07/23/20 16:03	
410-8555-6	7670061 302 DuPont Between Lead & Lag FB	Potable Water	07/22/20 09:05	07/23/20 16:03	
410-8555-7	7670061 302 DuPont Lead Vessel 1/2 Way	Drinking Water	07/22/20 09:10	07/23/20 16:03	
410-8555-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Potable Water	07/22/20 09:10	07/23/20 16:03	
410-8555-9	7670061 302 DuPont After Lag Vessel	Drinking Water	07/22/20 09:00	07/23/20 16:03	
410-8555-10	7670061 302 DuPont After Lag Vessel FB	Potable Water	07/22/20 09:00	07/23/20 16:03	
410-8555-11	7670061 001 Playground Well	Drinking Water	07/22/20 09:40	07/23/20 16:03	
410-8555-12	7670061 001 Playground Well FB	Potable Water	07/22/20 09:40	07/23/20 16:03	
410-8555-13	7670061 005 Conley Well	Drinking Water	07/22/20 09:45	07/23/20 16:03	
410-8555-14	7670061 005 Conley Well FB	Potable Water	07/22/20 09:45	07/23/20 16:03	
410-8555-15	7670061 301 Conley Between Lead & Lag	Drinking Water	07/22/20 09:30	07/23/20 16:03	
410-8555-16	7670061 301 Conley Between Lead & Lag FB	Potable Water	07/22/20 09:30	07/23/20 16:03	
410-8555-17	7670061 301 Conley Lead Vessel 1/2 Way	Drinking Water	07/22/20 09:35	07/23/20 16:03	
410-8555-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Potable Water	07/22/20 09:35	07/23/20 16:03	
410-8555-19	7670061 301 Conley After Lag Vessel	Drinking Water	07/22/20 09:25	07/23/20 16:03	
410-8555-20	7670061 301 Conley After Lag Vessel FB	Potable Water	07/22/20 09:25	07/23/20 16:03	
410-8555-21	7670061 101 Conley EP	Drinking Water	07/22/20 09:20	07/23/20 16:03	
410-8555-22	7670061 101 Conley EP FB	Potable Water	07/22/20 09:20	07/23/20 16:03	
410-8555-23	7670061 102 DuPont EP	Drinking Water	07/22/20 08:50	07/23/20 16:03	
410-8555-24	7670061 102 DuPont EP FB	Potable Water	07/22/20 08:50	07/23/20 16:03	





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410-8555 Chain of Custody

Request/Chain of Custody

Ac

Sample #

Client: SUEZ WATER PA		Matrix		Analyses Requested						For Lab Use Only			
Project Name: Newberry System		Site ID #:		Preservation and Filtration Codes						SF #:			
Project Manager: Elizabeth Zanar		P.O. #:		<input type="checkbox"/> O <input type="checkbox"/> PFAS (14) 537 v 1.1						SCR #:			
Sampler: Penny Bumbarger		PWSID #: 7670061								<input type="checkbox"/> Soil <input type="checkbox"/> Sediment <input type="checkbox"/> Tissue <input type="checkbox"/> Potable <input type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Other: GAC Filtered Water		Preservation Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ P = H ₃ PO ₄ F = Field Filtered O = Other	
Phone #: 717-773-0185		Quote #: 219948A		Total # of Containers									
State where samples were collected: PA		For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
Sample Identification		Collection											
	Date	Time	Grab	Composite									
002 Coppersmith Well	7-22-20	0840	X			X							
FB - Coppersmith Well	7-22-20	0840											
003 DuPont Well	7-22-20	0915	X			X							
FB - DuPont Well	7-22-20	0915											
302s DuPont Between Lead and Lag	7-22-20	0905	X				X						
FB - DuPont Between Lead and Lag	7-22-20	0905											
302s DuPont Lead Vessel Halfway Port	7-22-20	0910	X				X						
FB - DuPont Lead Vessel Halfway Port	7-22-20	0910											
302s DuPont After Lag	7-22-20	0900	X				X						
FB - DuPont After Lag	7-22-20	0900											
Turnaround Time Requested (TAT) (please check):				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:		Date	Time
(Rush TAT is subject to laboratory approval and surcharges.)						<i>Penny Bumbarger</i>		7/23/20	12:05	<i>Stan King</i>		7/23/20	12:05
Date results are needed:						Relinquished by:		Date	Time	Received by:		Date	Time
Rush results requested by (please check):				E-Mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/>		<i>Stan King</i>		7/23/20	16:15				
E-mail Address: penny.bumbarger@suez.com						Relinquished by:		Date	Time	Received by:		Date	Time
Phone: 717-773-0185													
Data Package Options (please check if required)						Relinquished by:		Date	Time	Received by:		Date	Time
Type I (Validation/non-CLP)	<input type="checkbox"/>	MA MCP	<input type="checkbox"/>										
Type III (Reduced non-CLP)	<input type="checkbox"/>	CT RCP	<input type="checkbox"/>										
Type VI (Raw Data Only)	<input type="checkbox"/>	TX TRRP-13	<input type="checkbox"/>										
NJ DKQP	<input type="checkbox"/>	NYSDEC Category	<input type="checkbox"/>	A or B									
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/>				If yes, format: _____		Relinquished by Commercial Carrier:				Temperature upon receipt		1.2	°C
						UPS _____ FedEx _____ Other <input checked="" type="checkbox"/>							

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Environmental Analysis Request/Chain of Custody



Lancaster Laboratories
Environmental

Acct. # 44297 Group # _____

Sample # _____

Client: SUEZ WATER PA		Project Name: Newberry System		Site ID #:		Matrix		Analyses Requested						For Lab Use Only	
Project Manager: Elizabeth Zanar		P.O. #:		PWSID #: 7670061		<input type="checkbox"/> Tissue <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface		Preservation and Filtration Codes						SF #:	
Sampler: Penny Bumbarger		Quote #: 219948A		For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Other: GAC Filtered Water		<input type="checkbox"/> O <input type="checkbox"/> PFAS (14) 537 v 1.1						SCR #:	
Phone #: 717-773-0185		State where samples were collected: PA		Collection		Soil <input type="checkbox"/> Sediment <input type="checkbox"/>		Total # of Containers						Preservation Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ P = H ₃ PO ₄ F = Field Filtered O = Other	
Sample Identification		Date	Time	Grab	Composite	Water	Other	PFAS (14) 537 v 1.1						Remarks	
001 Playground Well		7-22-20	0940	X		X		2 X						Monthly Compliance	
FB - Playground Well		7-22-20	0940					2 X							
005 Conley Well		7-22-20	0945	X		X		2 X							
FB - Conley Well		7-22-20	0945					2 X							
301s Conley Between Lead and Lag		7-22-20	0930	X			X	2 X							
FB - Conley Between Lead and Lag		7-22-20	0930					2 X							
301s Conley Lead Vessel Halfway Port		7-22-20	0935	X			X	2 X							
FB - Conley Lead Vessel Halfway Port		7-22-20	0935					2 X							
301s Conley After Lag		7-22-20	0925	X			X	2 X							
FB - Conley After Lag		7-22-20	0925					2 X							
Turnaround Time Requested (TAT) (please check):				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:		Date	Time		
(Rush TAT is subject to laboratory approval and surcharges.)						Penny Bumbarger		7/22/20	1205	Stan King		7/23/20	12:05		
Date results are needed:				Rush results requested by (please check):		Relinquished by:		Date	Time	Received by:		Date	Time		
E-Mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/>				E-mail Address: penny.bumbarger@suez.com		Stan King		7/23/20	16:15						
Phone: 717-773-0185						Relinquished by:		Date	Time	Received by:		Date	Time		
Data Package Options (please check if required)				Type I (Validation/non-CLP) <input type="checkbox"/> MA MCP <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:		Date	Time		
Type III (Reduced non-CLP) <input type="checkbox"/> CT RCP <input type="checkbox"/>				Type VI (Raw Data Only) <input type="checkbox"/> TX TRRP-13 <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:		Date	Time		
NJ DKQP <input type="checkbox"/> NYSDEC Category <input type="checkbox"/> A or <input type="checkbox"/> B						Relinquished by Commercial Carrier:				7-23-20		16:03			
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, format: _____				UPS _____ FedEx _____ Other _____		Temperature upon receipt		1.2				°C			

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Environmental Analysis Request/Chain of Custody



Lancaster Laboratories
Environmental

Acct. # 44297 Group # _____

Sample # _____

Client: SUEZ WATER PA		Site ID #:		Matrix <input type="checkbox"/> Soil <input type="checkbox"/> Sediment <input type="checkbox"/> Tissue <input type="checkbox"/> Potable Water <input type="checkbox"/> Ground Water <input type="checkbox"/> NPDES <input type="checkbox"/> Surface Water <input type="checkbox"/> Other: GAC Filtered Water		Analyses Requested						For Lab Use Only	
Project Name: Newberry System		P.O. #:				Preservation and Filtration Codes						SF #: _____	
Project Manager: Elizabeth Zanar		PWSID #: 7670061		Total # of Containers		O						SCR #: _____	
Sampler: Penny Bumbarger		Quote #: 219948A				PFAS (14) 537 v 1.1						Preservation Codes	
Phone #: 717-773-0185		State where samples were collected: PA		For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ P = H ₃ PO ₄ F = Field Filtered O = Other	
Sample Identification		Collection		Grab	Composite							Remarks	
		Date	Time									Monthly Compliance	
EP 101 Conley		7-22-20	0920	X		X		2	X				
FB - EP 101 Conley		7-22-20	0920					2	X				
Batch QC - Conley EP		7-22-20	0920	X		X		2	X				
EP 102 DuPont		7-22-20	0850	X		X		2	X				
FB - EP 102 DuPont		7-22-20	0850					2	X				
Batch QC - DuPont EP		7-22-20	0850	X		X		2	X				
Turnaround Time Requested (TAT) (please check):				Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:		Date	Time
(Rush TAT is subject to laboratory approval and surcharges.)						<i>Penny Bumbarger</i>		7/23/20	1205	<i>Stan King</i>		7/23/20	12:05
Date results are needed:						Relinquished by:		Date	Time	Received by:		Date	Time
Rush results requested by (please check): E-Mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/>						<i>Stan King</i>		7/23/20	16:15				
E-mail Address: penny.bumbarger@suez.com						Relinquished by:		Date	Time	Received by:		Date	Time
Phone: 717-773-0185													
Data Package Options (please check if required)						Relinquished by:		Date	Time	Received by:		Date	Time
Type I (Validation/non-CLP)	<input type="checkbox"/>	MA MCP	<input type="checkbox"/>										
Type III (Reduced non-CLP)	<input type="checkbox"/>	CT RCP	<input type="checkbox"/>										
Type VI (Raw Data Only)	<input type="checkbox"/>	TX TRRP-13	<input type="checkbox"/>										
NJ DKQP	<input type="checkbox"/>	NYSDEC Category	<input type="checkbox"/> A or <input type="checkbox"/> B										
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, format: _____						Relinquished by Commercial Carrier:				Temperature upon receipt		1.2 °C	
						UPS _____ FedEx _____ Other <input checked="" type="checkbox"/>							

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WMM

Login Sample Receipt Checklist

Client: SUEZ Water Environmental Services Inc

Job Number: 410-8555-1

Login Number: 8555

List Source: Eurofins Lancaster Laboratories Env

List Number: 1

Creator: Mathers, William

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	

