

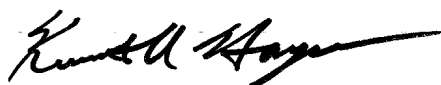
## ANALYTICAL REPORT

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

Laboratory Job ID: 410-13725-1  
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:  
9/23/2020 3:40:19 PM  
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### LINKS

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*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*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 recoveries 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.

\* Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.

\* Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

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

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

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

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A handwritten signature in black ink, appearing to read "Ken Hayes".

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Ken Hayes  
Project Manager II  
9/23/2020 3:40:19 PM



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Detection Summary . . . . .	6
Client Sample Results . . . . .	9
Surrogate Summary . . . . .	22
QC Sample Results . . . . .	24
QC Association Summary . . . . .	28
Lab Chronicle . . . . .	30
Certification Summary . . . . .	34
Method Summary . . . . .	35
Sample Summary . . . . .	36
Chain of Custody . . . . .	37
Receipt Checklists . . . . .	40

# Definitions/Glossary

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

Job ID: 410-13725-1

## Qualifiers

### LCMS

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

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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: 410-13725-1

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**Job ID: 410-13725-1**

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**Laboratory: Eurofins Lancaster Laboratories Env, LLC**

**Narrative**

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**Job Narrative**  
**410-13725-1**

**Receipt**

The samples were received on 9/11/2020 4:34 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.6°C and 2.0°C

**Receipt Exceptions**

The container count for the following samples did not match the information listed on the Chain-of-Custody (COC): 7670061 101 Conley EP Grab Water (410-13725-21) and 7670061 102 DuPont EP (410-13725-23). Batch QC - Conley EP & Batch QC DuPont EP both had two (2) containers on the COC, but only one (1) sample arrived for each.

**LCMS**

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



## Detection Summary

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

Job ID: 410-13725-1

### Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-13725-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	13		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.6		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.7		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.5		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.0		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	59		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	58		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

### Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-13725-2

No Detections.

### Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-13725-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	7.5		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.9		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	5.0		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	61		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	90		18	4.4	ng/L	10		EPA 537 Ver 1.1	Total/NA

### Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-13725-4

No Detections.

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

Lab Sample ID: 410-13725-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	25		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	5.6		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	2.1		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	8.5		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	58		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	33		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: 410-13725-6

No Detections.

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

Lab Sample ID: 410-13725-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	19		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.0		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.6		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	2.9		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	7.3		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	69		1.9	0.48	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	53		1.9	0.48	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: 410-13725-1

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

**Lab Sample ID: 410-13725-8**

No Detections.

**Client Sample ID: 7670061 302 DuPont After Lag Vessel**

**Lab Sample ID: 410-13725-9**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	30		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.9		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	2.6		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	8.6		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	23		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	4.6		1.9	0.47	ng/L	1		EPA 537 Ver 1.1	Total/NA

**Client Sample ID: 7670061 302 DuPont After Lag Vessel FB**

**Lab Sample ID: 410-13725-10**

No Detections.

**Client Sample ID: 7670061 001 Playground Well**

**Lab Sample ID: 410-13725-11**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	15		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.3		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.1		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.3		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.4		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	12		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA

**Client Sample ID: 7670061 001 Playground Well FB**

**Lab Sample ID: 410-13725-12**

No Detections.

**Client Sample ID: 7670061 005 Conley Well**

**Lab Sample ID: 410-13725-13**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	11		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.4		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	3.9		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	2.6		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	3.6		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	6.8		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA

**Client Sample ID: 7670061 005 Conley Well FB**

**Lab Sample ID: 410-13725-14**

No Detections.

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

**Lab Sample ID: 410-13725-15**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	15		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.0		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.2		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.1		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	3.7		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	3.3		1.8	0.45	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: 410-13725-1

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

Lab Sample ID: 410-13725-16

No Detections.

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

Lab Sample ID: 410-13725-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	14		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.5		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	5.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.7		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	5.1		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	7.2		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: 410-13725-18

No Detections.

### Client Sample ID: 7670061 301 Conley After Lag Vessel

Lab Sample ID: 410-13725-19

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	2.1		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	1.9		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.7		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: 410-13725-20

No Detections.

### Client Sample ID: 7670061 101 Conley EP Grab Water

Lab Sample ID: 410-13725-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	12		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.2		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	2.2		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.6		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA

### Client Sample ID: 7670061 101 Conley Field Blank Grab Water

Lab Sample ID: 410-13725-22

No Detections.

### Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-13725-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	29		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.4		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	2.9		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	8.8		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	23		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	4.5		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: 410-13725-24

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: 410-13725-1

**Client Sample ID: 7670061 002 Coppersmith Well**

**Lab Sample ID: 410-13725-1**

Date Collected: 09/10/20 10:30

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	13		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluoroheptanoic acid	4.6		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorooctanoic acid	6.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorononanoic acid	3.5		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorobutanesulfonic acid	7.0		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorohexanesulfonic acid	59		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorooctanesulfonic acid	58		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 08:20	09/16/20 13:52	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	93		70 - 130				09/15/20 08:20	09/16/20 13:52	1
13C2 PFDA	97		70 - 130				09/15/20 08:20	09/16/20 13:52	1
13C2 PFHxA	91		70 - 130				09/15/20 08:20	09/16/20 13:52	1

**Client Sample ID: 7670061 002 Coppersmith Well FB**

**Lab Sample ID: 410-13725-2**

Date Collected: 09/10/20 10:30

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluoroheptanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorooctanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorononanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorodecanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorotridecanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorotetradecanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorobutanesulfonic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
NEtFOSAA	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
NMeFOSAA	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluoroundecanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
Perfluorododecanoic acid	<1.7		1.7	0.44	ng/L		09/15/20 08:20	09/16/20 14:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	93		70 - 130				09/15/20 08:20	09/16/20 14:03	1
13C2 PFDA	103		70 - 130				09/15/20 08:20	09/16/20 14:03	1
13C2 PFHxA	93		70 - 130				09/15/20 08:20	09/16/20 14:03	1

# Client Sample Results

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 003 DuPont Well**

**Lab Sample ID: 410-13725-3**

Date Collected: 09/10/20 11:00

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	7.5		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluoroheptanoic acid	2.9		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorooctanoic acid	5.0		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorobutanesulfonic acid	5.4		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorooctanesulfonic acid	61		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:15	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	77		70 - 130				09/15/20 08:20	09/16/20 14:15	1
13C2 PFDA	82		70 - 130				09/15/20 08:20	09/16/20 14:15	1
13C2 PFHxA	72		70 - 130				09/15/20 08:20	09/16/20 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	90		18	4.4	ng/L		09/15/20 08:20	09/17/20 15:35	10
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	75		70 - 130				09/15/20 08:20	09/17/20 15:35	10
13C2 PFDA	73		70 - 130				09/15/20 08:20	09/17/20 15:35	10
13C2 PFHxA	72		70 - 130				09/15/20 08:20	09/17/20 15:35	10

**Client Sample ID: 7670061 003 DuPont Well FB**

**Lab Sample ID: 410-13725-4**

Date Collected: 09/10/20 11:00

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 14:26	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	94		70 - 130				09/15/20 08:20	09/16/20 14:26	1

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 003 DuPont Well FB**

**Lab Sample ID: 410-13725-4**

Date Collected: 09/10/20 11:00

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	98		70 - 130	09/15/20 08:20	09/16/20 14:26	1
13C2 PFHxA	89		70 - 130	09/15/20 08:20	09/16/20 14:26	1

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

**Lab Sample ID: 410-13725-5**

Date Collected: 09/10/20 10:50

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	25		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluoroheptanoic acid	5.0		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorooctanoic acid	5.6		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorononanoic acid	2.1		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorobutanesulfonic acid	8.5		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorohexanesulfonic acid	58		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorooctanesulfonic acid	33		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130	09/15/20 08:20	09/16/20 14:38	1
13C2 PFDA	83		70 - 130	09/15/20 08:20	09/16/20 14:38	1
13C2 PFHxA	84		70 - 130	09/15/20 08:20	09/16/20 14:38	1

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

**Lab Sample ID: 410-13725-6**

**FB**

Date Collected: 09/10/20 10:50

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluoroheptanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorooctanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 14:50	1

# Client Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: 410-13725-6**

**FB**

**Date Collected: 09/10/20 10:50**

**Matrix: Potable Water**

**Date Received: 09/11/20 16:34**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130	09/15/20 08:20	09/16/20 14:50	1
13C2 PFDA	99		70 - 130	09/15/20 08:20	09/16/20 14:50	1
13C2 PFHxA	92		70 - 130	09/15/20 08:20	09/16/20 14:50	1

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

**Lab Sample ID: 410-13725-7**

**Date Collected: 09/10/20 10:55**

**Matrix: Drinking Water**

**Date Received: 09/11/20 16:34**

**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		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluoroheptanoic acid	5.0		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorooctanoic acid	6.6		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorononanoic acid	2.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorobutanesulfonic acid	7.3		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorohexanesulfonic acid	69		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorooctanesulfonic acid	53		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130	09/15/20 08:20	09/16/20 15:13	1
13C2 PFDA	95		70 - 130	09/15/20 08:20	09/16/20 15:13	1
13C2 PFHxA	92		70 - 130	09/15/20 08:20	09/16/20 15:13	1

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

**Lab Sample ID: 410-13725-8**

**FB**

**Date Collected: 09/10/20 10:55**

**Matrix: Potable Water**

**Date Received: 09/11/20 16:34**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1

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# Client Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: 410-13725-8**

Date Collected: 09/10/20 10:55

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		09/15/20 08:20	09/16/20 15:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	75		70 - 130				09/15/20 08:20	09/16/20 15:24	1
13C2 PFDA	77		70 - 130				09/15/20 08:20	09/16/20 15:24	1
13C2 PFHxA	72		70 - 130				09/15/20 08:20	09/16/20 15:24	1

**Client Sample ID: 7670061 302 DuPont After Lag Vessel**

**Lab Sample ID: 410-13725-9**

Date Collected: 09/10/20 10:45

Matrix: Drinking Water

Date Received: 09/11/20 16:34

**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		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluoroheptanoic acid	3.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorooctanoic acid	2.6		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorobutanesulfonic acid	8.6		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorohexanesulfonic acid	23		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorooctanesulfonic acid	4.6		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		09/15/20 08:20	09/16/20 15:36	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	96		70 - 130				09/15/20 08:20	09/16/20 15:36	1
13C2 PFDA	99		70 - 130				09/15/20 08:20	09/16/20 15:36	1
13C2 PFHxA	106		70 - 130				09/15/20 08:20	09/16/20 15:36	1

**Client Sample ID: 7670061 302 DuPont After Lag Vessel FB**

**Lab Sample ID: 410-13725-10**

Date Collected: 09/10/20 10:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluoroheptanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorooctanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

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

Job ID: 410-13725-1

## Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-13725-10

Date Collected: 09/10/20 10:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NMeFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 15:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130				09/15/20 08:20	09/16/20 15:47	1
13C2 PFDA	93		70 - 130				09/15/20 08:20	09/16/20 15:47	1
13C2 PFHxA	89		70 - 130				09/15/20 08:20	09/16/20 15:47	1

## Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-13725-11

Date Collected: 09/10/20 11:40

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	15		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluoroheptanoic acid	3.3		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorooctanoic acid	6.1		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorononanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorodecanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorotridecanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorotetradecanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorobutanesulfonic acid	4.3		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorohexanesulfonic acid	5.4		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorooctanesulfonic acid	12		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
NEtFOSAA	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
NMeFOSAA	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluoroundecanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Perfluorododecanoic acid	<1.6		1.6	0.41	ng/L		09/15/20 08:20	09/16/20 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130				09/15/20 08:20	09/16/20 15:59	1
13C2 PFDA	85		70 - 130				09/15/20 08:20	09/16/20 15:59	1
13C2 PFHxA	84		70 - 130				09/15/20 08:20	09/16/20 15:59	1

## Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-13725-12

Date Collected: 09/10/20 11:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

### 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		09/15/20 08:20	09/16/20 16:10	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1

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# Client Sample Results

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

Job ID: 410-13725-1

## Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-13725-12

Date Collected: 09/10/20 11:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
NEtFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130				09/15/20 08:20	09/16/20 16:10	1
13C2 PFDA	95		70 - 130				09/15/20 08:20	09/16/20 16:10	1
13C2 PFHxA	93		70 - 130				09/15/20 08:20	09/16/20 16:10	1

## Client Sample ID: 7670061 005 Conley Well

Lab Sample ID: 410-13725-13

Date Collected: 09/10/20 11:45

Matrix: Drinking Water

Date Received: 09/11/20 16:34

### 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		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluoroheptanoic acid	2.4		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorooctanoic acid	3.9		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorobutanesulfonic acid	2.6		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorohexanesulfonic acid	3.6		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorooctanesulfonic acid	6.8		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130				09/15/20 08:20	09/16/20 16:22	1
13C2 PFDA	95		70 - 130				09/15/20 08:20	09/16/20 16:22	1
13C2 PFHxA	92		70 - 130				09/15/20 08:20	09/16/20 16:22	1

## Client Sample ID: 7670061 005 Conley Well FB

Lab Sample ID: 410-13725-14

Date Collected: 09/10/20 11:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

### 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	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluoroheptanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorooctanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1

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# Client Sample Results

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 005 Conley Well FB**

**Lab Sample ID: 410-13725-14**

Date Collected: 09/10/20 11:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 08:20	09/16/20 16:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	105		70 - 130				09/15/20 08:20	09/16/20 16:33	1
13C2 PFDA	105		70 - 130				09/15/20 08:20	09/16/20 16:33	1
13C2 PFHxA	98		70 - 130				09/15/20 08:20	09/16/20 16:33	1

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

**Lab Sample ID: 410-13725-15**

Date Collected: 09/10/20 11:30

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	15		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluoroheptanoic acid	3.0		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorooctanoic acid	4.2		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorobutanesulfonic acid	4.1		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorohexanesulfonic acid	3.7		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorooctanesulfonic acid	3.3		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 08:20	09/16/20 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	98		70 - 130				09/15/20 08:20	09/16/20 16:45	1
13C2 PFDA	96		70 - 130				09/15/20 08:20	09/16/20 16:45	1
13C2 PFHxA	90		70 - 130				09/15/20 08:20	09/16/20 16:45	1

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

**Lab Sample ID: 410-13725-16**

**FB**

Date Collected: 09/10/20 11:30

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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		09/15/20 08:20	09/16/20 16:56	1
Perfluoroheptanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorooctanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1

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# Client Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: 410-13725-16**

Date Collected: 09/10/20 11:30

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		09/15/20 08:20	09/16/20 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130				09/15/20 08:20	09/16/20 16:56	1
13C2 PFDA	86		70 - 130				09/15/20 08:20	09/16/20 16:56	1
13C2 PFHxA	81		70 - 130				09/15/20 08:20	09/16/20 16:56	1

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

**Lab Sample ID: 410-13725-17**

Date Collected: 09/10/20 11:35

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	14		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluoroheptanoic acid	3.5		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorooctanoic acid	5.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorobutanesulfonic acid	3.7		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorohexanesulfonic acid	5.1		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorooctanesulfonic acid	7.2		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		09/15/20 16:29	09/18/20 07:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	93		70 - 130				09/15/20 16:29	09/18/20 07:19	1
13C2 PFDA	97		70 - 130				09/15/20 16:29	09/18/20 07:19	1
13C2 PFHxA	86		70 - 130				09/15/20 16:29	09/18/20 07:19	1

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

**Lab Sample ID: 410-13725-18**

Date Collected: 09/10/20 11:35

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluoroheptanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorooctanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1

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# Client Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: 410-13725-18**

Date Collected: 09/10/20 11:35

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorobutanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	84		70 - 130				09/15/20 16:29	09/18/20 07:30	1
13C2 PFDA	85		70 - 130				09/15/20 16:29	09/18/20 07:30	1
13C2 PFHxA	81		70 - 130				09/15/20 16:29	09/18/20 07:30	1

**Client Sample ID: 7670061 301 Conley After Lag Vessel**

**Lab Sample ID: 410-13725-19**

Date Collected: 09/10/20 11:25

Matrix: Drinking Water

Date Received: 09/11/20 16:34

**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		09/15/20 16:29	09/18/20 07:42	1
Perfluoroheptanoic acid	2.1		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorooctanoic acid	1.9		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorobutanesulfonic acid	3.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 07:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	95		70 - 130				09/15/20 16:29	09/18/20 07:42	1
13C2 PFDA	92		70 - 130				09/15/20 16:29	09/18/20 07:42	1
13C2 PFHxA	89		70 - 130				09/15/20 16:29	09/18/20 07:42	1

**Client Sample ID: 7670061 301 Conley After Lag Vessel FB**

**Lab Sample ID: 410-13725-20**

Date Collected: 09/10/20 11:25

Matrix: Potable Water

Date Received: 09/11/20 16:34

**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		09/15/20 16:29	09/18/20 07:53	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1

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# Client Sample Results

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

Job ID: 410-13725-1

## Client Sample ID: 7670061 301 Conley After Lag Vessel FB

Lab Sample ID: 410-13725-20

Date Collected: 09/10/20 11:25

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 07:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	94		70 - 130				09/15/20 16:29	09/18/20 07:53	1
13C2 PFDA	92		70 - 130				09/15/20 16:29	09/18/20 07:53	1
13C2 PFHxA	91		70 - 130				09/15/20 16:29	09/18/20 07:53	1

## Client Sample ID: 7670061 101 Conley EP Grab Water

Lab Sample ID: 410-13725-21

Date Collected: 09/10/20 11:20

Matrix: Drinking Water

Date Received: 09/11/20 16:34

### 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		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluoroheptanoic acid	2.2		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorooctanoic acid	2.2		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorobutanesulfonic acid	3.6		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	90		70 - 130				09/15/20 16:29	09/18/20 08:05	1
13C2 PFDA	91		70 - 130				09/15/20 16:29	09/18/20 08:05	1
13C2 PFHxA	87		70 - 130				09/15/20 16:29	09/18/20 08:05	1

## Client Sample ID: 7670061 101 Conley Field Blank Grab Water

Lab Sample ID: 410-13725-22

Date Collected: 09/10/20 11:20

Matrix: Potable Water

Date Received: 09/11/20 16:34

### 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	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluoroheptanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorooctanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

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

Job ID: 410-13725-1

## Client Sample ID: 7670061 101 Conley Field Blank Grab Water

Lab Sample ID: 410-13725-22

Date Collected: 09/10/20 11:20

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorobutanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorohexanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		09/15/20 16:29	09/18/20 08:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	88		70 - 130				09/15/20 16:29	09/18/20 08:16	1
13C2 PFDA	94		70 - 130				09/15/20 16:29	09/18/20 08:16	1
13C2 PFHxA	90		70 - 130				09/15/20 16:29	09/18/20 08:16	1

## Client Sample ID: 7670061 102 DuPont EP

Lab Sample ID: 410-13725-23

Date Collected: 09/10/20 10:40

Matrix: Drinking Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	29		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluoroheptanoic acid	4.4		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorooctanoic acid	2.9		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorobutanesulfonic acid	8.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorohexanesulfonic acid	23		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorooctanesulfonic acid	4.5		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	92		70 - 130				09/15/20 16:29	09/18/20 08:28	1
13C2 PFDA	102		70 - 130				09/15/20 16:29	09/18/20 08:28	1
13C2 PFHxA	93		70 - 130				09/15/20 16:29	09/18/20 08:28	1

## Client Sample ID: 7670061 102 DuPont EP FB

Lab Sample ID: 410-13725-24

Date Collected: 09/10/20 10:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

### 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		09/15/20 16:29	09/18/20 08:39	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1

Eurofins Lancaster Laboratories Env, LLC

# Client Sample Results

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 102 DuPont EP FB**

**Lab Sample ID: 410-13725-24**

Date Collected: 09/10/20 10:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		09/15/20 16:29	09/18/20 08:39	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
d5-NEtFOSAA	92		70 - 130				09/15/20 16:29	09/18/20 08:39	1
13C2 PFDA	92		70 - 130				09/15/20 16:29	09/18/20 08:39	1
13C2 PFHxA	89		70 - 130				09/15/20 16:29	09/18/20 08:39	1

# Surrogate Summary

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

Job ID: 410-13725-1

## 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)
410-13725-1	7670061 002 Coppersmith Well	93	97	91
410-13725-3	7670061 003 DuPont Well	77	82	72
410-13725-3 - DL	7670061 003 DuPont Well	75	73	72
410-13725-5	7670061 302 DuPont Between Lead & Lag	88	83	84
410-13725-7	7670061 302 DuPont Lead Vessel 1/2 Way	96	95	92
410-13725-9	7670061 302 DuPont After Lag Vessel	96	99	106
410-13725-11	7670061 001 Playground Well	96	85	84
410-13725-13	7670061 005 Conley Well	90	95	92
410-13725-15	7670061 301 Conley Between Lead & Lag	98	96	90
410-13725-17	7670061 301 Conley Lead Vessel 1/2 Way	93	97	86
410-13725-19	7670061 301 Conley After Lag Vessel	95	92	89
410-13725-21	7670061 101 Conley EP Grab Water	90	91	87
410-13725-23	7670061 102 DuPont EP	92	102	93
LCS 410-43885/2-A	Lab Control Sample	87	97	85
LCS 410-44097/2-A	Lab Control Sample	89	99	92
LCSD 410-43885/3-A	Lab Control Sample Dup	103	106	99
LCSD 410-44097/3-A	Lab Control Sample Dup	88	94	89
LLCS 410-43885/4-A	Lab Control Sample	86	87	82
LLCS 410-44097/4-A	Lab Control Sample	90	89	87
MB 410-43885/1-A	Method Blank	96	108	87
MB 410-44097/1-A	Method Blank	93	92	92

**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)
410-13725-2	7670061 002 Coppersmith Well FB	93	103	93
410-13725-4	7670061 003 DuPont Well FB	94	98	89
410-13725-6	7670061 302 DuPont Between Lead & Lag FB	94	99	92
410-13725-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	75	77	72
410-13725-10	7670061 302 DuPont After Lag Vessel FB	90	93	89
410-13725-12	7670061 001 Playground Well FB	94	95	93
410-13725-14	7670061 005 Conley Well FB	105	105	98
410-13725-16	7670061 301 Conley Between Lead & Lag FB	90	86	81

# Surrogate Summary

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

Job ID: 410-13725-1

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

**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)
410-13725-18	7670061 301 Conley Lead Vessel 1/	84	85	81
410-13725-20	7670061 301 Conley After Lag	94	92	91
410-13725-22	Vessel FB 7670061 101 Conley Field	88	94	90
410-13725-24	Blank Grab Water 7670061 102 DuPont EP FB	92	92	89

**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: 410-13725-1

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

**Lab Sample ID: MB 410-43885/1-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 44427**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 43885**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 08:20	09/16/20 12:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	96		70 - 130	09/15/20 08:20	09/16/20 12:20	1
13C2 PFDA	108		70 - 130	09/15/20 08:20	09/16/20 12:20	1
13C2 PFHxA	87		70 - 130	09/15/20 08:20	09/16/20 12:20	1

**Lab Sample ID: LCS 410-43885/2-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 44427**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 43885**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Perfluorohexanoic acid	20.5	18.1		ng/L		89	70 - 130
Perfluoroheptanoic acid	20.5	18.1		ng/L		89	70 - 130
Perfluorooctanoic acid	20.5	18.6		ng/L		91	70 - 130
Perfluorononanoic acid	20.5	19.5		ng/L		95	70 - 130
Perfluorodecanoic acid	20.5	19.6		ng/L		96	70 - 130
Perfluorotridecanoic acid	20.5	19.6		ng/L		96	70 - 130
Perfluorotetradecanoic acid	20.5	18.4		ng/L		90	70 - 130
Perfluorobutanesulfonic acid	18.1	15.0		ng/L		83	70 - 130
Perfluorohexanesulfonic acid	18.7	16.2		ng/L		87	70 - 130
Perfluorooctanesulfonic acid	19.0	17.4		ng/L		92	70 - 130
NEtFOSAA	20.5	19.9		ng/L		97	70 - 130
NMeFOSAA	20.5	18.8		ng/L		92	70 - 130
Perfluoroundecanoic acid	20.5	18.2		ng/L		89	70 - 130
Perfluorododecanoic acid	20.5	19.2		ng/L		94	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	87		70 - 130
13C2 PFDA	97		70 - 130
13C2 PFHxA	85		70 - 130



# QC Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: LCSD 410-43885/3-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 44427**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 43885**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	19.1		ng/L		93	70 - 130	5	30
Perfluoroheptanoic acid	20.5	18.9		ng/L		92	70 - 130	4	30
Perfluorooctanoic acid	20.5	19.4		ng/L		95	70 - 130	4	30
Perfluorononanoic acid	20.5	20.7		ng/L		101	70 - 130	6	30
Perfluorodecanoic acid	20.5	19.9		ng/L		97	70 - 130	2	30
Perfluorotridecanoic acid	20.5	20.6		ng/L		100	70 - 130	5	30
Perfluorotetradecanoic acid	20.5	19.5		ng/L		95	70 - 130	6	30
Perfluorobutanesulfonic acid	18.1	16.7		ng/L		92	70 - 130	11	30
Perfluorohexanesulfonic acid	18.7	17.1		ng/L		91	70 - 130	5	30
Perfluorooctanesulfonic acid	19.0	17.9		ng/L		94	70 - 130	3	30
NEtFOSAA	20.5	21.0		ng/L		103	70 - 130	6	30
NMeFOSAA	20.5	19.7		ng/L		96	70 - 130	5	30
Perfluoroundecanoic acid	20.5	19.4		ng/L		95	70 - 130	6	30
Perfluorododecanoic acid	20.5	19.5		ng/L		95	70 - 130	2	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	103		70 - 130
13C2 PFDA	106		70 - 130
13C2 PFHxA	99		70 - 130

**Lab Sample ID: LLCS 410-43885/4-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 44427**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 43885**

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	1.92	1.79	J	ng/L		93	50 - 150
Perfluoroheptanoic acid	1.92	1.69	J	ng/L		88	50 - 150
Perfluorooctanoic acid	1.92	1.75	J	ng/L		91	50 - 150
Perfluorononanoic acid	1.92	1.83	J	ng/L		95	50 - 150
Perfluorodecanoic acid	1.92	1.75	J	ng/L		91	50 - 150
Perfluorotridecanoic acid	1.92	1.85	J	ng/L		96	50 - 150
Perfluorotetradecanoic acid	1.92	1.73	J	ng/L		90	50 - 150
Perfluorobutanesulfonic acid	1.70	1.47	J	ng/L		86	50 - 150
Perfluorohexanesulfonic acid	1.75	1.56	J	ng/L		89	50 - 150
Perfluorooctanesulfonic acid	1.78	1.69	J	ng/L		95	50 - 150
NEtFOSAA	1.92	1.82	J	ng/L		95	50 - 150
NMeFOSAA	1.92	1.83	J	ng/L		95	50 - 150
Perfluoroundecanoic acid	1.92	1.81	J	ng/L		94	50 - 150
Perfluorododecanoic acid	1.92	1.70	J	ng/L		88	50 - 150

Surrogate	LLCS LLCS		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	86		70 - 130
13C2 PFDA	87		70 - 130
13C2 PFHxA	82		70 - 130

# QC Sample Results

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

Job ID: 410-13725-1

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

**Lab Sample ID: MB 410-44097/1-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 45179**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 44097**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		09/15/20 16:29	09/18/20 06:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
d5-NEtFOSAA	93		70 - 130	09/15/20 16:29	09/18/20 06:33	1
13C2 PFDA	92		70 - 130	09/15/20 16:29	09/18/20 06:33	1
13C2 PFHxA	92		70 - 130	09/15/20 16:29	09/18/20 06:33	1

**Lab Sample ID: LCS 410-44097/2-A**  
**Matrix: Drinking Water**  
**Analysis Batch: 45179**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 44097**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Perfluorohexanoic acid	20.5	16.3		ng/L		80	70 - 130
Perfluoroheptanoic acid	20.5	17.2		ng/L		84	70 - 130
Perfluorooctanoic acid	20.5	17.2		ng/L		84	70 - 130
Perfluorononanoic acid	20.5	16.2		ng/L		79	70 - 130
Perfluorodecanoic acid	20.5	16.8		ng/L		82	70 - 130
Perfluorotridecanoic acid	20.5	18.1		ng/L		88	70 - 130
Perfluorotetradecanoic acid	20.5	17.0		ng/L		83	70 - 130
Perfluorobutanesulfonic acid	18.1	13.8		ng/L		76	70 - 130
Perfluorohexanesulfonic acid	18.7	15.4		ng/L		82	70 - 130
Perfluorooctanesulfonic acid	19.0	15.2		ng/L		80	70 - 130
NEtFOSAA	20.5	15.7		ng/L		77	70 - 130
NMeFOSAA	20.5	16.1		ng/L		79	70 - 130
Perfluoroundecanoic acid	20.5	16.7		ng/L		82	70 - 130
Perfluorododecanoic acid	20.5	17.9		ng/L		87	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	89		70 - 130
13C2 PFDA	99		70 - 130
13C2 PFHxA	92		70 - 130

# QC Sample Results

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

Job ID: 410-13725-1

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

Lab Sample ID: LCSD 410-44097/3-A

Matrix: Drinking Water

Analysis Batch: 45179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 44097

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	20.5	16.1		ng/L		79	70 - 130	1	30
Perfluoroheptanoic acid	20.5	18.2		ng/L		89	70 - 130	6	30
Perfluorooctanoic acid	20.5	18.0		ng/L		88	70 - 130	5	30
Perfluorononanoic acid	20.5	16.2		ng/L		79	70 - 130	1	30
Perfluorodecanoic acid	20.5	16.7		ng/L		81	70 - 130	1	30
Perfluorotridecanoic acid	20.5	18.3		ng/L		89	70 - 130	1	30
Perfluorotetradecanoic acid	20.5	16.6		ng/L		81	70 - 130	2	30
Perfluorobutanesulfonic acid	18.1	13.8		ng/L		76	70 - 130	0	30
Perfluorohexanesulfonic acid	18.7	15.3		ng/L		82	70 - 130	1	30
Perfluorooctanesulfonic acid	19.0	15.4		ng/L		81	70 - 130	1	30
NEtFOSAA	20.5	15.5		ng/L		76	70 - 130	1	30
NMeFOSAA	20.5	16.6		ng/L		81	70 - 130	3	30
Perfluoroundecanoic acid	20.5	16.3		ng/L		80	70 - 130	3	30
Perfluorododecanoic acid	20.5	16.6		ng/L		81	70 - 130	7	30

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	88		70 - 130
13C2 PFDA	94		70 - 130
13C2 PFHxA	89		70 - 130

Lab Sample ID: LLCS 410-44097/4-A

Matrix: Drinking Water

Analysis Batch: 45179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 44097

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid	1.92	1.76	J	ng/L		92	50 - 150		
Perfluoroheptanoic acid	1.92	1.94	J	ng/L		101	50 - 150		
Perfluorooctanoic acid	1.92	2.11		ng/L		110	50 - 150		
Perfluorononanoic acid	1.92	1.76	J	ng/L		91	50 - 150		
Perfluorodecanoic acid	1.92	1.70	J	ng/L		88	50 - 150		
Perfluorotridecanoic acid	1.92	2.06		ng/L		107	50 - 150		
Perfluorotetradecanoic acid	1.92	1.88	J	ng/L		98	50 - 150		
Perfluorobutanesulfonic acid	1.70	1.57	J	ng/L		92	50 - 150		
Perfluorohexanesulfonic acid	1.75	1.61	J	ng/L		92	50 - 150		
Perfluorooctanesulfonic acid	1.78	1.81	J	ng/L		102	50 - 150		
NEtFOSAA	1.92	1.80	J	ng/L		94	50 - 150		
NMeFOSAA	1.92	1.81	J	ng/L		94	50 - 150		
Perfluoroundecanoic acid	1.92	1.82	J	ng/L		95	50 - 150		
Perfluorododecanoic acid	1.92	1.84	J	ng/L		96	50 - 150		

Surrogate	LLCS LLCS		Limits
	%Recovery	Qualifier	
d5-NEtFOSAA	90		70 - 130
13C2 PFDA	89		70 - 130
13C2 PFHxA	87		70 - 130

# QC Association Summary

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

Job ID: 410-13725-1

## LCMS

### Prep Batch: 43885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-3 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-7	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-9	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-10	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-43885/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-43885/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-43885/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-43885/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

### Prep Batch: 44097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-17	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-19	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-20	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-21	7670061 101 Conley EP Grab Water	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-22	7670061 101 Conley Field Blank Grab Water	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-13725-23	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-13725-24	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-44097/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-44097/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-44097/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-44097/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

### Analysis Batch: 44427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-1	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-2	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-3	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-4	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-5	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-6	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-7	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-9	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-10	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-11	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-12	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885

# QC Association Summary

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

Job ID: 410-13725-1

## LCMS (Continued)

### Analysis Batch: 44427 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-13	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-14	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
410-13725-15	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
410-13725-16	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	43885
MB 410-43885/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
LCS 410-43885/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
LCSD 410-43885/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885
LLCS 410-43885/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885

### Analysis Batch: 44887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-3 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	43885

### Analysis Batch: 45179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-13725-17	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
410-13725-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	44097
410-13725-19	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
410-13725-20	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	44097
410-13725-21	7670061 101 Conley EP Grab Water	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
410-13725-22	7670061 101 Conley Field Blank Grab Water	Total/NA	Potable Water	EPA 537 Ver 1.1	44097
410-13725-23	7670061 102 DuPont EP	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
410-13725-24	7670061 102 DuPont EP FB	Total/NA	Potable Water	EPA 537 Ver 1.1	44097
MB 410-44097/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
LCS 410-44097/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
LCSD 410-44097/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097
LLCS 410-44097/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	44097

# Lab Chronicle

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

Job ID: 410-13725-1

## Client Sample ID: 7670061 002 Coppersmith Well

Lab Sample ID: 410-13725-1

Date Collected: 09/10/20 10:30

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 13:52	Y6ZN	ELLE

## Client Sample ID: 7670061 002 Coppersmith Well FB

Lab Sample ID: 410-13725-2

Date Collected: 09/10/20 10:30

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 14:03	Y6ZN	ELLE

## Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-13725-3

Date Collected: 09/10/20 11:00

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 14:15	Y6ZN	ELLE
Total/NA	Prep	EPA 537 Ver 1.1	DL		43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	44887	09/17/20 15:35	DCS9	ELLE

## Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-13725-4

Date Collected: 09/10/20 11:00

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 14:26	Y6ZN	ELLE

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

Lab Sample ID: 410-13725-5

Date Collected: 09/10/20 10:50

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 14:38	Y6ZN	ELLE

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

Lab Sample ID: 410-13725-6

Date Collected: 09/10/20 10:50

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 14:50	Y6ZN	ELLE

# Lab Chronicle

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

Job ID: 410-13725-1

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

Lab Sample ID: 410-13725-7

Date Collected: 09/10/20 10:55

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 15:13	Y6ZN	ELLE

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

Lab Sample ID: 410-13725-8

FB

Date Collected: 09/10/20 10:55

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 15:24	Y6ZN	ELLE

## Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-13725-9

Date Collected: 09/10/20 10:45

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 15:36	Y6ZN	ELLE

## Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-13725-10

Date Collected: 09/10/20 10:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 15:47	Y6ZN	ELLE

## Client Sample ID: 7670061 001 Playground Well

Lab Sample ID: 410-13725-11

Date Collected: 09/10/20 11:40

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 15:59	Y6ZN	ELLE

## Client Sample ID: 7670061 001 Playground Well FB

Lab Sample ID: 410-13725-12

Date Collected: 09/10/20 11:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 16:10	Y6ZN	ELLE

# Lab Chronicle

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 005 Conley Well**

**Lab Sample ID: 410-13725-13**

Date Collected: 09/10/20 11:45

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 16:22	Y6ZN	ELLE

**Client Sample ID: 7670061 005 Conley Well FB**

**Lab Sample ID: 410-13725-14**

Date Collected: 09/10/20 11:45

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 16:33	Y6ZN	ELLE

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

**Lab Sample ID: 410-13725-15**

Date Collected: 09/10/20 11:30

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 16:45	Y6ZN	ELLE

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

**Lab Sample ID: 410-13725-16**

Date Collected: 09/10/20 11:30

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			43885	09/15/20 08:20	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	44427	09/16/20 16:56	Y6ZN	ELLE

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

**Lab Sample ID: 410-13725-17**

Date Collected: 09/10/20 11:35

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 07:19	DCS9	ELLE

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

**Lab Sample ID: 410-13725-18**

Date Collected: 09/10/20 11:35

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 07:30	DCS9	ELLE



# Lab Chronicle

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

Job ID: 410-13725-1

**Client Sample ID: 7670061 301 Conley After Lag Vessel**

**Lab Sample ID: 410-13725-19**

Date Collected: 09/10/20 11:25

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 07:42	DCS9	ELLE

**Client Sample ID: 7670061 301 Conley After Lag Vessel FB**

**Lab Sample ID: 410-13725-20**

Date Collected: 09/10/20 11:25

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 07:53	DCS9	ELLE

**Client Sample ID: 7670061 101 Conley EP Grab Water**

**Lab Sample ID: 410-13725-21**

Date Collected: 09/10/20 11:20

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 08:05	DCS9	ELLE

**Client Sample ID: 7670061 101 Conley Field Blank Grab Water**

**Lab Sample ID: 410-13725-22**

Date Collected: 09/10/20 11:20

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 08:16	DCS9	ELLE

**Client Sample ID: 7670061 102 DuPont EP**

**Lab Sample ID: 410-13725-23**

Date Collected: 09/10/20 10:40

Matrix: Drinking Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 08:28	DCS9	ELLE

**Client Sample ID: 7670061 102 DuPont EP FB**

**Lab Sample ID: 410-13725-24**

Date Collected: 09/10/20 10:40

Matrix: Potable Water

Date Received: 09/11/20 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			44097	09/15/20 16:29	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	45179	09/18/20 08:39	DCS9	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: 410-13725-1

## 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
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

# Method Summary

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

Job ID: 410-13725-1

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: 410-13725-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-13725-1	7670061 002 Coppersmith Well	Drinking Water	09/10/20 10:30	09/11/20 16:34	
410-13725-2	7670061 002 Coppersmith Well FB	Potable Water	09/10/20 10:30	09/11/20 16:34	
410-13725-3	7670061 003 DuPont Well	Drinking Water	09/10/20 11:00	09/11/20 16:34	
410-13725-4	7670061 003 DuPont Well FB	Potable Water	09/10/20 11:00	09/11/20 16:34	
410-13725-5	7670061 302 DuPont Between Lead & Lag	Drinking Water	09/10/20 10:50	09/11/20 16:34	
410-13725-6	7670061 302 DuPont Between Lead & Lag FB	Potable Water	09/10/20 10:50	09/11/20 16:34	
410-13725-7	7670061 302 DuPont Lead Vessel 1/2 Way	Drinking Water	09/10/20 10:55	09/11/20 16:34	
410-13725-8	7670061 302 DuPont Lead Vessel 1/2 Way FB	Potable Water	09/10/20 10:55	09/11/20 16:34	
410-13725-9	7670061 302 DuPont After Lag Vessel	Drinking Water	09/10/20 10:45	09/11/20 16:34	
410-13725-10	7670061 302 DuPont After Lag Vessel FB	Potable Water	09/10/20 10:45	09/11/20 16:34	
410-13725-11	7670061 001 Playground Well	Drinking Water	09/10/20 11:40	09/11/20 16:34	
410-13725-12	7670061 001 Playground Well FB	Potable Water	09/10/20 11:40	09/11/20 16:34	
410-13725-13	7670061 005 Conley Well	Drinking Water	09/10/20 11:45	09/11/20 16:34	
410-13725-14	7670061 005 Conley Well FB	Potable Water	09/10/20 11:45	09/11/20 16:34	
410-13725-15	7670061 301 Conley Between Lead & Lag	Drinking Water	09/10/20 11:30	09/11/20 16:34	
410-13725-16	7670061 301 Conley Between Lead & Lag FB	Potable Water	09/10/20 11:30	09/11/20 16:34	
410-13725-17	7670061 301 Conley Lead Vessel 1/2 Way	Drinking Water	09/10/20 11:35	09/11/20 16:34	
410-13725-18	7670061 301 Conley Lead Vessel 1/2 Way FB	Potable Water	09/10/20 11:35	09/11/20 16:34	
410-13725-19	7670061 301 Conley After Lag Vessel	Drinking Water	09/10/20 11:25	09/11/20 16:34	
410-13725-20	7670061 301 Conley After Lag Vessel FB	Potable Water	09/10/20 11:25	09/11/20 16:34	
410-13725-21	7670061 101 Conley EP Grab Water	Drinking Water	09/10/20 11:20	09/11/20 16:34	
410-13725-22	7670061 101 Conley Field Blank Grab Water	Potable Water	09/10/20 11:20	09/11/20 16:34	
410-13725-23	7670061 102 DuPont EP	Drinking Water	09/10/20 10:40	09/11/20 16:34	
410-13725-24	7670061 102 DuPont EP FB	Potable Water	09/10/20 10:40	09/11/20 16:34	





Lancaster Laboratories  
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# Environmental Analysis Req



410-13725 Chain of Custody

today

Acct. # 44297 Group # \_\_\_\_\_

Sample # \_\_\_\_\_

Client: <b>SUEZ WATER PA</b>		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 <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Sediment <input type="checkbox"/> Other: GAC Filtered Water		Preservation and Filtration Codes		SF #: _____	
Phone #: 717-773-0185		Quote #: 219948A		State where samples were collected: <b>PA</b>		For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		O		SCR #: _____	
Sample Identification		Collection		Grab		Composite		Total # of Containers		Preservation Codes H = HCl      T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> P = H <sub>3</sub> PO <sub>4</sub> F = Field Filtered   O = Other	
		Date		Time				PFAS (14) 537 v 1.1		Remarks	
002 Coppersmith Well		9/10/20		1030		X		2 X			
FB - Coppersmith Well		9/10/20		1030				2 X		Monthly Compliance	
003 DuPont Well		9/10/20		1100		X		2 X			
FB - DuPont Well		9/10/20		1100				2 X			
302s DuPont Between Lead and Lag		9/10/20		1050		X		2 X			
FB - DuPont Between Lead and Lag		9/10/20		1050				2 X			
302s DuPont Lead Vessel Halfway Port		9/10/20		1055		X		2 X			
FB - DuPont Lead Vessel Halfway Port		9/10/20		1055				2 X			
302s DuPont After Lag		9/10/20		1045		X		2 X			
FB - DuPont After Lag		9/10/20		1045				2 X			
Turnaround Time Requested (TAT) (please check):		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Relinquished by:		Date		Time		Received by:	
(Rush TAT is subject to laboratory approval and surcharges.)				Penny Bumbarger		9/4/2020		0950		Stan King	
Date results are needed:				Relinquished by:		Date		Time		Date	
				Stan King		9/4/20		1410		9/11/20	
Rush results requested by (please check):		E-Mail <input checked="" type="checkbox"/> Phone <input type="checkbox"/>		Relinquished by:		Date		Time		Date	
E-mail Address: penny.bumbarger@suez.com											
Phone: 717-773-0185				Relinquished by:		Date		Time		Date	
Data Package Options (please check if required)		Type I (Validation/non-CLP) <input type="checkbox"/>		MA MCP <input type="checkbox"/>		Relinquished by:		Date		Date	
		Type III (Reduced non-CLP) <input type="checkbox"/>		CT RCP <input type="checkbox"/>		Relinquished by:		Date		Date	
		Type VI (Raw Data Only) <input type="checkbox"/>		TX TRRP-13 <input type="checkbox"/>		Relinquished by:		Date		Date	
NJ DKQP <input type="checkbox"/>		NYSDEC Category <input type="checkbox"/>		A or <input type="checkbox"/> B		Relinquished by Commercial Carrier:		Date		Date	
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/>		If yes, format: _____		UPS _____ FedEx _____ Other _____		Temperature upon receipt		1.6°C		1634	

# Environmental Analysis Request/Chain of Custody



Lancaster Laboratories  
Environmental

Acct. # 44297 Group # \_\_\_\_\_

Sample # \_\_\_\_\_

Client: <b>SUEZ WATER PA</b>		Project Name: Newberry System		Site ID #:		Matrix <input type="checkbox"/> Tissue <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Other: GAC Filtered Water		Total # of Containers		Analyses Requested		For Lab Use Only SF #: _____ SCR #: _____	
Project Manager: Elizabeth Zonar		P.O. #:		PWSID #: 7670061									
Sampler: Penny Bumbarger		Phone #: 717-773-0185		Quote #: 219948A		State where samples were collected: PA		For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Preservation and Filtration Codes		Preservation Codes H = HCl      T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> P = H <sub>3</sub> PO <sub>4</sub> F = Field Filtered    O = Other	
Date		Time		Grab		Composite		PFAS (14) 537 v 1.1					
Sample Identification		Date	Time	Grab	Composite	Soil	Sediment	Water	Other	Total # of Containers	PFAS (14) 537 v 1.1	Remarks	
001 Playground Well		9/10/20	1140	X				X		2	X		
FB - Playground Well		9/10/20	1140							2	X		
005 Conley Well		9/10/20	1145	X				X		2	X		
FB - Conley Well		9/10/20	1145							2	X		
301s Conley Between Lead and Lag		9/10/20	1130	X					X	2	X		
FB - Conley Between Lead and Lag		9/10/20	1130							2	X		
301s Conley Lead Vessel Halfway Port		9/10/20	1135	X					X	2	X		
FB - Conley Lead Vessel Halfway Port		9/10/20	1135							2	X		
301s Conley After Lag		9/10/20	1125	X					X	2	X		
FB - Conley After Lag		9/10/20	1125							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		9/11/20	0950	Stan King		9/11/20	9:50
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"/>		Stan King		9/11/20	14:10				
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"/>			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"/>										
NJ DKQP	<input type="checkbox"/>	NYSDEC Category	<input type="checkbox"/>	A or B		Relinquished by Commercial Carrier:				Temperature upon receipt		6.6 ± 0.0 °C	
EDD Required?	Yes <input type="checkbox"/> No <input type="checkbox"/>	If yes, format: _____				UPS _____ FedEx _____ Other _____							

FS

# Environmental Analysis Request/Chain of Custody



Lancaster Laboratories  
Environmental

Acct. # 44297 Group # \_\_\_\_\_

Sample # \_\_\_\_\_

Client: <b>SUEZ WATER PA</b>				<b>Matrix</b>			<b>Analyses Requested</b>						<b>For Lab Use Only</b>																														
Project Name: Newberry System				Site ID #:			<b>Preservation and Filtration Codes</b>						SF #: _____																														
Project Manager: Elizabeth Zanar				P.O. #:			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">O</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="13" style="text-align: center;">PFAS (14) 537 v 1.1</td> <td colspan="2" style="text-align: center;">SCR #: _____</td> </tr> </table>						O														PFAS (14) 537 v 1.1													SCR #: _____		SCR #: _____	
O																																											
PFAS (14) 537 v 1.1													SCR #: _____																														
Sampler: Penny Bumbarger				PWSID #: 7670061									<b>Preservation Codes</b>																														
Phone #: 717-773-0185				Quote #: 219948A									H = HCl                      T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> P = H <sub>3</sub> PO <sub>4</sub> F = Field Filtered              O = Other																														
State where samples were collected: <b>PA</b>				For Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									<b>Remarks</b>																														
<b>Collection</b>		<b>Grab</b>		<b>Composite</b>								<b>Monthly Compliance</b>																															
<b>Sample Identification</b>		Date	Time	Grab	Composite	Soil <input type="checkbox"/>	Sediment <input type="checkbox"/>	Tissue <input type="checkbox"/>	Potable Water <input type="checkbox"/>	Ground NPDES <input checked="" type="checkbox"/>	Surface <input type="checkbox"/>	Other: GAC Filtered Water <input type="checkbox"/>	Total # of Containers	PFAS (14) 537 v 1.1																													
EP 101 Conley		9/10/20	1120	X					X				2	X																													
FB - EP 101 Conley		9/10/20	1120										2	X																													
Batch QC - Conley EP		9/10/20	1120	X					X				2	X																													
EP 102 DuPont		9/10/20	1040	X					X				2	X																													
FB - EP-102 DuPont		9/10/20	1040										2	X																													
Batch QC - DuPont EP		9/10/20	1040	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.)							Penny Bumbarger		9/11/2020		09:50		Stan King		9/11/20		9:50																										
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"/>			Stan King		9/11/20		14:18																																
E-mail Address: penny.bumbarger@suez.com							Relinquished by:		Date		Time		Received by:		Date		Time																										
Phone: 717-773-0185																																											
<b>Data Package Options</b> (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"/>					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"/>																																									
NJ DKQP <input type="checkbox"/>		NYSDEC Category <input type="checkbox"/> A or <input type="checkbox"/> B					Relinquished by Commercial Carrier:		Date		Time		Received by:		Date		Time																										
EDD Required? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, format: _____							UPS _____ FedEx _____ Other _____						Temperature upon receipt		1,6-2.0 °C																												

55

## Login Sample Receipt Checklist

Client: SUEZ Water Environmental Services Inc

Job Number: 410-13725-1

**Login Number: 13725**

**List Source: Eurofins Lancaster Laboratories Env**

**List Number: 1**

**Creator: Sanchez, Melvin E**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 ( $\leq 6^{\circ}\text{C}$ , not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable ( $\leq 6^{\circ}\text{C}$ , 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	

