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ANALYTICAL REPORT

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

Laboratory Job ID: 410-17548-1
Client Project/Site: Newberry System
Sampling Event: Newberry System

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

Attn: Penny Bumbarger

Elizabeth M. Zanar

Authorized for release by:
10/28/2020 12:00:04 PM

Elizabeth Zanar, Project Manager
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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.

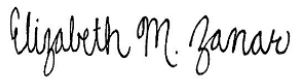
* Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

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.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANACASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



Elizabeth Zanar
Project Manager
10/28/2020 12:00:04 PM

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Definitions/Glossary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-17548-1
Project/Site: Newberry System

Qualifiers

LCMS

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: SUEZ Water Environmental Services Inc
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Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-17548-1

Comments
No additional comments.

Receipt
The samples were received on 10/16/2020 3:31 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 2.5º C and 2.5º C.

LCMS
Method 537 DW: The following sample(s) were found to contain residual chlorine: 7670061 101 Conley EP Grab Water (410-17548-21) and 7670061 102 DuPont EP FB (410-17548-24).
Since the samples are for PA state compliance, they have been cancelled.

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

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

Detection Summary

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

Job ID: 410-17548-1

Client Sample ID: 7670061 001 Playground Well — Lab Sample ID: 410-17548-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	15		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.7		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.8		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.4		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	14		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 001 Playground Well FB — Lab Sample ID: 410-17548-2

No Detections.

Client Sample ID: 7670061 005 Conley Well — Lab Sample ID: 410-17548-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	11		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	4.4		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	3.6		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.7		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	7.8		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 005 Conley Well FB — Lab Sample ID: 410-17548-4

No Detections.

Client Sample ID: 7670061 301 Conley Between Lead & Lag — Lab Sample ID: 410-17548-5

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	3.7		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.3		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.0		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	4.8		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	4.6		1.6	0.41	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB — Lab Sample ID: 410-17548-6

No Detections.

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way — Lab Sample ID: 410-17548-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	15		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.6		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	6.8		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.8		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	6.2		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	8.7		1.9	0.46	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB — Lab Sample ID: 410-17548-8

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 410-17548-1

Client Sample ID: 7670061 301 Conley After Lag Vessel — Lab Sample ID: 410-17548-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	12		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	2.1		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	2.5		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	4.0		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	1.8		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 301 Conley After Lag Vessel FB — Lab Sample ID: 410-17548-10

No Detections.

Client Sample ID: 7670061 002 Coppersmith Well — Lab Sample ID: 410-17548-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	17		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.5		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	8.0		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.9		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	8.9		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	64		1.8	0.44	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	87		18	4.4	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 002 Coppersmith Well FB — Lab Sample ID: 410-17548-12

No Detections.

Client Sample ID: 7670061 003 DuPont Well — Lab Sample ID: 410-17548-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	8.0		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	3.1		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	5.9		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	5.5		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	48		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	77		17	4.3	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 003 DuPont Well FB — Lab Sample ID: 410-17548-14

No Detections.

Client Sample ID: 7670061 302 DuPont Between Lead & Lag — Lab Sample ID: 410-17548-15

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	5.9		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.3		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	2.5		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	11		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	39		1.8	0.45	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	75		18	4.5	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 302 DuPont Between Lead & Lag FB — Lab Sample ID: 410-17548-16

No Detections.

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: 410-17548-1

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way — Lab Sample ID: 410-17548-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	22		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	5.6		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	7.7		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorononanoic acid	3.3		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	9.3		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	56		1.7	0.43	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid - DL	86		17	4.3	ng/L	10		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way FB — Lab Sample ID: 410-17548-18

No Detections.

Client Sample ID: 7670061 302 DuPont After Lag Vessel — Lab Sample ID: 410-17548-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorohexanoic acid	35		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluoroheptanoic acid	4.8		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanoic acid	3.7		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorobutanesulfonic acid	10		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorohexanesulfonic acid	31		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA
Perfluorooctanesulfonic acid	6.5		1.7	0.42	ng/L	1		EPA 537 Ver 1.1	Total/NA

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB — Lab Sample ID: 410-17548-20

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: 7670061 001 Playground Well
Lab Sample ID: 410-17548-1
Date Collected: 10/15/20 10:25
Matrix: Drinking Water
Date Received: 10/16/20 15:31

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	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluoroheptanoic acid	**3.7**		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorooctanoic acid	**7.8**		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorononanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorobutanesulfonic acid	**4.8**		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorohexanesulfonic acid	**6.4**		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorooctanesulfonic acid	**14**		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 08:25	10/21/20 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:37*	*1*
13C2 PFDA	*82*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:37*	*1*
13C2 PFHxA	*84*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:37*	*1*

Client Sample ID: 7670061 001 Playground Well FB
Lab Sample ID: 410-17548-2
Date Collected: 10/15/20 10:25
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluoroheptanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorooctanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorononanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorodecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorotridecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorotetradecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
NEtFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
NMeFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluoroundecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1
Perfluorododecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:49*	*1*
13C2 PFDA	*88*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:49*	*1*
13C2 PFHxA	*79*		*70 - 130*	*10/20/20 08:25*	*10/21/20 17:49*	*1*

Client Sample ID: 7670061 005 Conley Well
Lab Sample ID: 410-17548-3
Date Collected: 10/15/20 10:30
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**11**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluoroheptanoic acid	**2.6**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorooctanoic acid	**4.4**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorobutanesulfonic acid	**3.6**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorohexanesulfonic acid	**4.7**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorooctanesulfonic acid	**7.8**		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 08:25	10/21/20 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*102*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:12*	*1*
13C2 PFDA	*90*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:12*	*1*
13C2 PFHxA	*88*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:12*	*1*

Client Sample ID: 7670061 005 Conley Well FB
Lab Sample ID: 410-17548-4
Date Collected: 10/15/20 10:30
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:24*	*1*
13C2 PFDA	*93*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:24*	*1*
13C2 PFHxA	*84*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:24*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag
Lab Sample ID: 410-17548-5
Date Collected: 10/15/20 10:15
Matrix: Drinking Water
Date Received: 10/16/20 15:31

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		10/20/20 08:25	10/21/20 18:35	1
Perfluoroheptanoic acid	**3.7**		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorooctanoic acid	**6.3**		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorononanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorodecanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorotridecanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorotetradecanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorobutanesulfonic acid	**5.0**		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorohexanesulfonic acid	**4.8**		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorooctanesulfonic acid	**4.6**		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
NEtFOSAA	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
NMeFOSAA	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluoroundecanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1
Perfluorododecanoic acid	<1.6		1.6	0.41	ng/L		10/20/20 08:25	10/21/20 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*101*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:35*	*1*
13C2 PFDA	*87*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:35*	*1*
13C2 PFHxA	*85*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:35*	*1*

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB
Lab Sample ID: 410-17548-6
Date Collected: 10/15/20 10:15
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:47*	*1*
13C2 PFDA	*89*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:47*	*1*
13C2 PFHxA	*83*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:47*	*1*

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way
Lab Sample ID: 410-17548-7
Date Collected: 10/15/20 10:20
Matrix: Drinking Water
Date Received: 10/16/20 15:31

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**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluoroheptanoic acid	**3.6**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorooctanoic acid	**6.8**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorononanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorodecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorotridecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorotetradecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorobutanesulfonic acid	**4.8**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorohexanesulfonic acid	**6.2**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorooctanesulfonic acid	**8.7**		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
NEtFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
NMeFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluoroundecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1
Perfluorododecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:58*	*1*
13C2 PFDA	*91*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:58*	*1*
13C2 PFHxA	*86*		*70 - 130*	*10/20/20 08:25*	*10/21/20 18:58*	*1*

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB
Lab Sample ID: 410-17548-8
Date Collected: 10/15/20 10:20
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluoroheptanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorooctanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorononanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorodecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorotridecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorotetradecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
NEtFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
NMeFOSAA	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluoroundecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1
Perfluorododecanoic acid	<1.9		1.9	0.46	ng/L		10/20/20 08:25	10/21/20 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*100*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:10*	*1*
13C2 PFDA	*90*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:10*	*1*
13C2 PFHxA	*86*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:10*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel
Lab Sample ID: 410-17548-9
Date Collected: 10/15/20 10:10
Matrix: Drinking Water
Date Received: 10/16/20 15:31

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	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluoroheptanoic acid	**2.1**		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorooctanoic acid	**2.5**		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorobutanesulfonic acid	**4.0**		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorohexanesulfonic acid	**1.8**		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorooctanesulfonic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 08:25	10/21/20 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:21*	*1*
13C2 PFDA	*82*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:21*	*1*
13C2 PFHxA	*77*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:21*	*1*

Client Sample ID: 7670061 301 Conley After Lag Vessel FB
Lab Sample ID: 410-17548-10
Date Collected: 10/15/20 10:10
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 08:25	10/21/20 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:33*	*1*
13C2 PFDA	*83*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:33*	*1*
13C2 PFHxA	*82*		*70 - 130*	*10/20/20 08:25*	*10/21/20 19:33*	*1*

Client Sample ID: 7670061 002 Coppersmith Well
Lab Sample ID: 410-17548-11
Date Collected: 10/15/20 09:10
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**17**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluoroheptanoic acid	**5.5**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorooctanoic acid	**8.0**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorononanoic acid	**3.9**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorodecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorotridecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorotetradecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorobutanesulfonic acid	**8.9**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorooctanesulfonic acid	**64**		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
NEtFOSAA	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
NMeFOSAA	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluoroundecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1
Perfluorododecanoic acid	<1.8		1.8	0.44	ng/L		10/20/20 16:24	10/22/20 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:19*	*1*
13C2 PFDA	*96*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:19*	*1*
13C2 PFHxA	*91*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:19*	*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	**87**		18	4.4	ng/L		10/20/20 16:24	10/23/20 07:40	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*119*		*70 - 130*	*10/20/20 16:24*	*10/23/20 07:40*	*10*
13C2 PFDA	*121*		*70 - 130*	*10/20/20 16:24*	*10/23/20 07:40*	*10*
13C2 PFHxA	*123*		*70 - 130*	*10/20/20 16:24*	*10/23/20 07:40*	*10*

Client Sample ID: 7670061 002 Coppersmith Well FB
Lab Sample ID: 410-17548-12
Date Collected: 10/15/20 09:10
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluoroheptanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorooctanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:28*	*1*

Client Sample ID: 7670061 002 Coppersmith Well FB
Lab Sample ID: 410-17548-12
Date Collected: 10/15/20 09:10
Matrix: Potable Water
Date Received: 10/16/20 15:31

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C2 PFDA	94		70 - 130	10/20/20 16:24	10/22/20 20:28	1
13C2 PFHxA	91		70 - 130	10/20/20 16:24	10/22/20 20:28	1

Client Sample ID: 7670061 003 DuPont Well
Lab Sample ID: 410-17548-13
Date Collected: 10/15/20 09:45
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**8.0**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluoroheptanoic acid	**3.1**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorooctanoic acid	**5.9**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorononanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorobutanesulfonic acid	**5.5**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorooctanesulfonic acid	**48**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	96		70 - 130	10/20/20 16:24	10/22/20 20:37	1
13C2 PFDA	95		70 - 130	10/20/20 16:24	10/22/20 20:37	1
13C2 PFHxA	93		70 - 130	10/20/20 16:24	10/22/20 20:37	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	**77**		17	4.3	ng/L		10/20/20 16:24	10/23/20 07:51	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	110		70 - 130	10/20/20 16:24	10/23/20 07:51	10
13C2 PFDA	107		70 - 130	10/20/20 16:24	10/23/20 07:51	10
13C2 PFHxA	108		70 - 130	10/20/20 16:24	10/23/20 07:51	10

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-17548-14
Date Collected: 10/15/20 09:45
Matrix: Potable Water
Date Received: 10/16/20 15:31

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		10/20/20 16:24	10/22/20 20:46	1
Perfluoroheptanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorooctanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorononanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorodecanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorotridecanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorotetradecanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1

Client Sample ID: 7670061 003 DuPont Well FB
Lab Sample ID: 410-17548-14
Date Collected: 10/15/20 09:45
Matrix: Potable Water
Date Received: 10/16/20 15:31

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
NEtFOSAA	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
NMeFOSAA	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluoroundecanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1
Perfluorododecanoic acid	<1.9		1.9	0.48	ng/L		10/20/20 16:24	10/22/20 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:46*	*1*
13C2 PFDA	*94*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:46*	*1*
13C2 PFHxA	*91*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:46*	*1*

Client Sample ID: 7670061 302 DuPont Between Lead & Lag
Lab Sample ID: 410-17548-15
Date Collected: 10/15/20 09:35
Matrix: Drinking Water
Date Received: 10/16/20 15:31

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		10/20/20 16:24	10/22/20 20:55	1
Perfluoroheptanoic acid	**5.9**		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorooctanoic acid	**7.3**		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorononanoic acid	**2.5**		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorobutanesulfonic acid	**11**		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorooctanesulfonic acid	**39**		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 20:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*94*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:55*	*1*
13C2 PFDA	*89*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:55*	*1*
13C2 PFHxA	*88*		*70 - 130*	*10/20/20 16:24*	*10/22/20 20:55*	*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	**75**		18	4.5	ng/L		10/20/20 16:24	10/23/20 08:03	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*109*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:03*	*10*
13C2 PFDA	*105*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:03*	*10*
13C2 PFHxA	*107*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:03*	*10*

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

Lab Sample ID: 410-17548-16

Date Collected: 10/15/20 09:35
Date Received: 10/16/20 15:31

Matrix: Potable Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluoroheptanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorooctanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorononanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorodecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorotridecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorotetradecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
NEtFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
NMeFOSAA	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluoroundecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1
Perfluorododecanoic acid	<1.8		1.8	0.45	ng/L		10/20/20 16:24	10/22/20 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:05*	*1*
13C2 PFDA	*94*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:05*	*1*
13C2 PFHxA	*92*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:05*	*1*

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

Lab Sample ID: 410-17548-17

Date Collected: 10/15/20 09:40
Date Received: 10/16/20 15:31

Matrix: Drinking Water

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**22**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluoroheptanoic acid	**5.6**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorooctanoic acid	**7.7**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorononanoic acid	**3.3**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorodecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorotridecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorotetradecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorobutanesulfonic acid	**9.3**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorooctanesulfonic acid	**56**		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
NEtFOSAA	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
NMeFOSAA	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluoroundecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1
Perfluorododecanoic acid	<1.7		1.7	0.43	ng/L		10/20/20 16:24	10/22/20 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:14*	*1*
13C2 PFDA	*97*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:14*	*1*
13C2 PFHxA	*91*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanesulfonic acid	**86**		17	4.3	ng/L		10/20/20 16:24	10/23/20 08:14	10

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way
Lab Sample ID: 410-17548-17
Date Collected: 10/15/20 09:40
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*110*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:14*	*10*
13C2 PFDA	*101*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:14*	*10*
13C2 PFHxA	*103*		*70 - 130*	*10/20/20 16:24*	*10/23/20 08:14*	*10*

Client Sample ID: 7670061 302 DuPont Lead Vessel 1/2 Way FB
Lab Sample ID: 410-17548-18
Date Collected: 10/15/20 09:40
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluoroheptanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorooctanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorononanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorodecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorotridecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorotetradecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorobutanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorohexanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorooctanesulfonic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
NEtFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
NMeFOSAA	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluoroundecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1
Perfluorododecanoic acid	<1.9		1.9	0.47	ng/L		10/20/20 16:24	10/22/20 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*98*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:23*	*1*
13C2 PFDA	*89*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:23*	*1*
13C2 PFHxA	*91*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:23*	*1*

Client Sample ID: 7670061 302 DuPont After Lag Vessel
Lab Sample ID: 410-17548-19
Date Collected: 10/15/20 09:30
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**35**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluoroheptanoic acid	**4.8**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorooctanoic acid	**3.7**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorononanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorodecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorotridecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorotetradecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorobutanesulfonic acid	**10**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorohexanesulfonic acid	**31**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorooctanesulfonic acid	**6.5**		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
NEtFOSAA	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
NMeFOSAA	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluoroundecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1
Perfluorododecanoic acid	<1.7		1.7	0.42	ng/L		10/20/20 16:24	10/22/20 21:32	1

Client: SUEZ Water Environmental Services Inc
Job ID: 410-17548-1
Project/Site: Newberry System

Client Sample ID: 7670061 302 DuPont After Lag Vessel
Lab Sample ID: 410-17548-19
Date Collected: 10/15/20 09:30
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*95*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:32*	*1*
13C2 PFDA	*89*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:32*	*1*
13C2 PFHxA	*86*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:32*	*1*

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB
Lab Sample ID: 410-17548-20
Date Collected: 10/15/20 09:30
Matrix: Potable Water
Date Received: 10/16/20 15:31

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluoroheptanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorooctanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorononanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorodecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorotridecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorotetradecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorobutanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorohexanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorooctanesulfonic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
NEtFOSAA	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
NMeFOSAA	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluoroundecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1
Perfluorododecanoic acid	<1.8		1.8	0.46	ng/L		10/20/20 16:24	10/22/20 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:41*	*1*
13C2 PFDA	*94*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:41*	*1*
13C2 PFHxA	*88*		*70 - 130*	*10/20/20 16:24*	*10/22/20 21:41*	*1*

Surrogate Summary

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

Job ID: 410-17548-1

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Matrix: Drinking Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-17548-1	7670061 001 Playground Well	99	82	84
410-17548-3	7670061 005 Conley Well	102	90	88
410-17548-5	7670061 301 Conley Between Lead & Lag	101	87	85
410-17548-7	7670061 301 Conley Lead Vessel 1/2 Way	94	91	86
410-17548-9	7670061 301 Conley After Lag Vessel	99	82	77
410-17548-11	7670061 002 Coppersmith Well	96	96	91
410-17548-11 - DL	7670061 002 Coppersmith Well	119	121	123
410-17548-13	7670061 003 DuPont Well	96	95	93
410-17548-13 - DL	7670061 003 DuPont Well	110	107	108
410-17548-15	7670061 302 DuPont Between Lead & Lag	94	89	88
410-17548-15 - DL	7670061 302 DuPont Between Lead & Lag	109	105	107
410-17548-17	7670061 302 DuPont Lead Vessel 1/2 Way	96	97	91
410-17548-17 - DL	7670061 302 DuPont Lead Vessel 1/2 Way	110	101	103
410-17548-19	7670061 302 DuPont After Lag Vessel	95	89	86
LCS 410-56281/2-A	Lab Control Sample	95	88	83
LCS 410-56465/2-A	Lab Control Sample	93	86	81
LCSD 410-56281/3-A	Lab Control Sample Dup	94	93	86
LCSD 410-56465/3-A	Lab Control Sample Dup	93	81	77
LLCS 410-56281/4-A	Lab Control Sample	100	94	85
LLCS 410-56465/4-A	Lab Control Sample	96	93	87
MB 410-56281/1-A	Method Blank	103	88	86
MB 410-56465/1-A	Method Blank	96	91	78

Surrogate Legend

d5NEFOS = d5-NEtFOSAA
PFDA = 13C2 PFDA
PFHxA = 13C2 PFHxA

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Matrix: Potable Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-17548-2	7670061 001 Playground Well F	98	88	79
410-17548-4	7670061 005 Conley Well FB	100	93	84
410-17548-6	7670061 301 Conley Between Lead & Lag FB	98	89	83
410-17548-8	7670061 301 Conley Lead Vessel 1/2 Way FB	100	90	86
410-17548-10	7670061 301 Conley After Lag Vessel FB	98	83	82
410-17548-12	7670061 002 Coppersmith Well FB	98	94	91
410-17548-14	7670061 003 DuPont Well FB	98	94	91

Surrogate Summary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-17548-1
Project/Site: Newberry System

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

Matrix: Potable Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	d5NEFOS (70-130)	PFDA (70-130)	PFHxA (70-130)
410-17548-16	7670061 302 DuPont Between L	99	94	92
410-17548-18	7670061 302 DuPont Lead Vessel 1/2 Way FB	98	89	91
410-17548-20	7670061 302 DuPont After Lag Vessel FB	99	94	88

Surrogate Legend

d5NEFOS = d5-NEtFOSAA
PFDA = 13C2 PFDA
PFHxA = 13C2 PFHxA

Method: EPA 537 Ver 1.1 - EPA 537 Version 1.1

Lab Sample ID: MB 410-56281/1-A
Matrix: Drinking Water
Analysis Batch: 56660

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56281

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 08:25	10/21/20 15:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*103*		*70 - 130*	*10/20/20 08:25*	*10/21/20 15:42*	*1*
13C2 PFDA	*88*		*70 - 130*	*10/20/20 08:25*	*10/21/20 15:42*	*1*
13C2 PFHxA	*86*		*70 - 130*	*10/20/20 08:25*	*10/21/20 15:42*	*1*

Lab Sample ID: LCS 410-56281/2-A
Matrix: Drinking Water
Analysis Batch: 56660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56281

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	80.0	79.4		ng/L		99	70 - 130
Perfluoroheptanoic acid	80.0	80.0	E	ng/L		100	70 - 130
Perfluorooctanoic acid	80.0	83.8	E	ng/L		105	70 - 130
Perfluorononanoic acid	80.0	78.4		ng/L		98	70 - 130
Perfluorodecanoic acid	80.0	78.5		ng/L		98	70 - 130
Perfluorotridecanoic acid	80.0	82.3	E	ng/L		103	70 - 130
Perfluorotetradecanoic acid	80.0	83.6	E	ng/L		105	70 - 130
Perfluorobutanesulfonic acid	70.8	76.4	E	ng/L		108	70 - 130
Perfluorohexanesulfonic acid	73.0	79.1	E	ng/L		108	70 - 130
Perfluorooctanesulfonic acid	74.0	81.3	E	ng/L		110	70 - 130
NEtFOSAA	80.0	88.6	E	ng/L		111	70 - 130
NMeFOSAA	80.0	86.2	E	ng/L		108	70 - 130
Perfluoroundecanoic acid	80.0	85.0	E	ng/L		106	70 - 130
Perfluorododecanoic acid	80.0	79.4		ng/L		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*95*		*70 - 130*
13C2 PFDA	*88*		*70 - 130*
13C2 PFHxA	*83*		*70 - 130*

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

Lab Sample ID: LCSD 410-56281/3-A
Matrix: Drinking Water
Analysis Batch: 56660

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 56281

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			80.0	80.0	E	ng/L		100	70 - 130	1	30
Perfluoroheptanoic acid			80.0	79.0		ng/L		99	70 - 130	1	30
Perfluorooctanoic acid			80.0	87.2	E	ng/L		109	70 - 130	4	30
Perfluorononanoic acid			80.0	73.3		ng/L		92	70 - 130	7	30
Perfluorodecanoic acid			80.0	82.5	E	ng/L		103	70 - 130	5	30
Perfluorotridecanoic acid			80.0	86.7	E	ng/L		108	70 - 130	5	30
Perfluorotetradecanoic acid			80.0	81.9	E	ng/L		102	70 - 130	2	30
Perfluorobutanesulfonic acid			70.8	77.0	E	ng/L		109	70 - 130	1	30
Perfluorohexanesulfonic acid			73.0	78.0	E	ng/L		107	70 - 130	1	30
Perfluorooctanesulfonic acid			74.0	80.9	E	ng/L		109	70 - 130	1	30
NEtFOSAA			80.0	90.2	E	ng/L		113	70 - 130	2	30
NMeFOSAA			80.0	86.7	E	ng/L		108	70 - 130	1	30
Perfluoroundecanoic acid			80.0	81.9	E	ng/L		102	70 - 130	4	30
Perfluorododecanoic acid			80.0	79.5		ng/L		99	70 - 130	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*94*		*70 - 130*
13C2 PFDA	*93*		*70 - 130*
13C2 PFHxA	*86*		*70 - 130*

Lab Sample ID: LLCS 410-56281/4-A
Matrix: Drinking Water
Analysis Batch: 56660

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56281

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorohexanoic acid			1.92	2.03		ng/L		106	50 - 150		
Perfluoroheptanoic acid			1.92	2.07		ng/L		108	50 - 150		
Perfluorooctanoic acid			1.92	2.20		ng/L		114	50 - 150		
Perfluorononanoic acid			1.92	2.05		ng/L		107	50 - 150		
Perfluorodecanoic acid			1.92	2.08		ng/L		108	50 - 150		
Perfluorotridecanoic acid			1.92	2.10		ng/L		109	50 - 150		
Perfluorotetradecanoic acid			1.92	2.12		ng/L		110	50 - 150		
Perfluorobutanesulfonic acid			1.70	1.89	J	ng/L		111	50 - 150		
Perfluorohexanesulfonic acid			1.75	2.03		ng/L		116	50 - 150		
Perfluorooctanesulfonic acid			1.78	2.17		ng/L		122	50 - 150		
NEtFOSAA			1.92	2.33		ng/L		121	50 - 150		
NMeFOSAA			1.92	2.20		ng/L		115	50 - 150		
Perfluoroundecanoic acid			1.92	2.11		ng/L		110	50 - 150		
Perfluorododecanoic acid			1.92	2.11		ng/L		110	50 - 150		

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*100*		*70 - 130*
13C2 PFDA	*94*		*70 - 130*
13C2 PFHxA	*85*		*70 - 130*

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

Lab Sample ID: MB 410-56465/1-A
Matrix: Drinking Water
Analysis Batch: 57080

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 56465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluoroheptanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorooctanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorononanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorodecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorotridecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorotetradecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorobutanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorohexanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorooctanesulfonic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
NEtFOSAA	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
NMeFOSAA	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluoroundecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1
Perfluorododecanoic acid	<2.0		2.0	0.50	ng/L		10/20/20 16:24	10/22/20 19:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*96*		*70 - 130*	*10/20/20 16:24*	*10/22/20 19:43*	*1*
13C2 PFDA	*91*		*70 - 130*	*10/20/20 16:24*	*10/22/20 19:43*	*1*
13C2 PFHxA	*78*		*70 - 130*	*10/20/20 16:24*	*10/22/20 19:43*	*1*

Lab Sample ID: LCS 410-56465/2-A
Matrix: Drinking Water
Analysis Batch: 57663

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56465

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Perfluorohexanoic acid	20.5	20.5		ng/L		100	70 - 130
Perfluoroheptanoic acid	20.5	22.4		ng/L		109	70 - 130
Perfluorooctanoic acid	20.5	24.5		ng/L		120	70 - 130
Perfluorononanoic acid	20.5	21.5		ng/L		105	70 - 130
Perfluorodecanoic acid	20.5	24.0		ng/L		117	70 - 130
Perfluorotridecanoic acid	20.5	23.5		ng/L		115	70 - 130
Perfluorotetradecanoic acid	20.5	24.3		ng/L		119	70 - 130
Perfluorobutanesulfonic acid	18.1	17.7		ng/L		98	70 - 130
Perfluorohexanesulfonic acid	18.7	21.4		ng/L		115	70 - 130
Perfluorooctanesulfonic acid	19.0	21.8		ng/L		115	70 - 130
NEtFOSAA	20.5	25.1		ng/L		123	70 - 130
NMeFOSAA	20.5	23.4		ng/L		114	70 - 130
Perfluoroundecanoic acid	20.5	22.6		ng/L		110	70 - 130
Perfluorododecanoic acid	20.5	21.4		ng/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*93*		*70 - 130*
13C2 PFDA	*86*		*70 - 130*
13C2 PFHxA	*81*		*70 - 130*

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

Lab Sample ID: LCSD 410-56465/3-A
Matrix: Drinking Water
Analysis Batch: 57663

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 56465

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Perfluorohexanoic acid			20.5	21.0		ng/L		103	70 - 130	2	30
Perfluoroheptanoic acid			20.5	23.1		ng/L		113	70 - 130	3	30
Perfluorooctanoic acid			20.5	24.8		ng/L		121	70 - 130	1	30
Perfluorononanoic acid			20.5	21.6		ng/L		105	70 - 130	0	30
Perfluorodecanoic acid			20.5	23.3		ng/L		114	70 - 130	3	30
Perfluorotridecanoic acid			20.5	23.3		ng/L		114	70 - 130	1	30
Perfluorotetradecanoic acid			20.5	24.5		ng/L		119	70 - 130	1	30
Perfluorobutanesulfonic acid			18.1	16.7		ng/L		92	70 - 130	6	30
Perfluorohexanesulfonic acid			18.7	21.1		ng/L		113	70 - 130	2	30
Perfluorooctanesulfonic acid			19.0	22.2		ng/L		117	70 - 130	2	30
NEtFOSAA			20.5	25.0		ng/L		122	70 - 130	0	30
NMeFOSAA			20.5	24.0		ng/L		117	70 - 130	2	30
Perfluoroundecanoic acid			20.5	22.8		ng/L		111	70 - 130	1	30
Perfluorododecanoic acid			20.5	22.3		ng/L		109	70 - 130	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*93*		*70 - 130*
13C2 PFDA	*81*		*70 - 130*
13C2 PFHxA	*77*		*70 - 130*

Lab Sample ID: LLCS 410-56465/4-A
Matrix: Drinking Water
Analysis Batch: 57080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 56465

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Perfluorohexanoic acid			1.92	2.16		ng/L		112	50 - 150		
Perfluoroheptanoic acid			1.92	2.23		ng/L		116	50 - 150		
Perfluorooctanoic acid			1.92	2.40		ng/L		125	50 - 150		
Perfluorononanoic acid			1.92	2.26		ng/L		118	50 - 150		
Perfluorodecanoic acid			1.92	2.34		ng/L		122	50 - 150		
Perfluorotridecanoic acid			1.92	2.44		ng/L		127	50 - 150		
Perfluorotetradecanoic acid			1.92	2.57		ng/L		134	50 - 150		
Perfluorobutanesulfonic acid			1.70	1.89	J	ng/L		111	50 - 150		
Perfluorohexanesulfonic acid			1.75	2.13		ng/L		121	50 - 150		
Perfluorooctanesulfonic acid			1.78	2.22		ng/L		125	50 - 150		
NEtFOSAA			1.92	2.28		ng/L		119	50 - 150		
NMeFOSAA			1.92	2.22		ng/L		116	50 - 150		
Perfluoroundecanoic acid			1.92	2.19		ng/L		114	50 - 150		
Perfluorododecanoic acid			1.92	2.30		ng/L		120	50 - 150		

Surrogate	*LLCS %Recovery*	*LLCS Qualifier*	*Limits*
d5-NEtFOSAA	*96*		*70 - 130*
13C2 PFDA	*93*		*70 - 130*
13C2 PFHxA	*87*		*70 - 130*

LCMS

Prep Batch: 56281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-17548-1	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-2	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-3	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-4	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-5	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-6	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-7	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-9	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-10	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-56281/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-56281/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCSD 410-56281/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-56281/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Prep Batch: 56465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-17548-11 - DL	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-11	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-12	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-13 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-13	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-14	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-15 - DL	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-15	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-16	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-17 - DL	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-17	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-18	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
410-17548-19	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	
410-17548-20	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	
MB 410-56465/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCS 410-56465/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LCSD 410-56465/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	
LLCS 410-56465/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	

Analysis Batch: 56660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-17548-1	7670061 001 Playground Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
410-17548-2	7670061 001 Playground Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56281
410-17548-3	7670061 005 Conley Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
410-17548-4	7670061 005 Conley Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56281
410-17548-5	7670061 301 Conley Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
410-17548-6	7670061 301 Conley Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56281
410-17548-7	7670061 301 Conley Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
410-17548-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56281
410-17548-9	7670061 301 Conley After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
410-17548-10	7670061 301 Conley After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56281
MB 410-56281/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
LCS 410-56281/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281
LCSD 410-56281/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281

LCMS (Continued)

Analysis Batch: 56660 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 410-56281/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	56281

Analysis Batch: 57080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-17548-11	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-12	7670061 002 Coppersmith Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56465
410-17548-13	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-14	7670061 003 DuPont Well FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56465
410-17548-15	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-16	7670061 302 DuPont Between Lead & Lag FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56465
410-17548-17	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-18	7670061 302 DuPont Lead Vessel 1/2 Way FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56465
410-17548-19	7670061 302 DuPont After Lag Vessel	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-20	7670061 302 DuPont After Lag Vessel FB	Total/NA	Potable Water	EPA 537 Ver 1.1	56465
MB 410-56465/1-A	Method Blank	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
LLCS 410-56465/4-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465

Analysis Batch: 57663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-17548-11 - DL	7670061 002 Coppersmith Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-13 - DL	7670061 003 DuPont Well	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-15 - DL	7670061 302 DuPont Between Lead & Lag	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
410-17548-17 - DL	7670061 302 DuPont Lead Vessel 1/2 Way	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
LCS 410-56465/2-A	Lab Control Sample	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465
LCSD 410-56465/3-A	Lab Control Sample Dup	Total/NA	Drinking Water	EPA 537 Ver 1.1	56465

Lab Chronicle

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

Job ID: 410-17548-1

Client Sample ID: 7670061 001 Playground Well
Lab Sample ID: 410-17548-1
Date Collected: 10/15/20 10:25
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 17:37	Y6ZN	ELLE

Client Sample ID: 7670061 001 Playground Well FB
Lab Sample ID: 410-17548-2
Date Collected: 10/15/20 10:25
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 17:49	Y6ZN	ELLE

Client Sample ID: 7670061 005 Conley Well
Lab Sample ID: 410-17548-3
Date Collected: 10/15/20 10:30
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 18:12	Y6ZN	ELLE

Client Sample ID: 7670061 005 Conley Well FB
Lab Sample ID: 410-17548-4
Date Collected: 10/15/20 10:30
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 18:24	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag
Lab Sample ID: 410-17548-5
Date Collected: 10/15/20 10:15
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 18:35	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley Between Lead & Lag FB
Lab Sample ID: 410-17548-6
Date Collected: 10/15/20 10:15
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 18:47	Y6ZN	ELLE

Lab Chronicle

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

Job ID: 410-17548-1

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way
Lab Sample ID: 410-17548-7
Date Collected: 10/15/20 10:20
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 18:58	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley Lead Vessel 1/2 Way FB
Lab Sample ID: 410-17548-8
Date Collected: 10/15/20 10:20
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 19:10	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel
Lab Sample ID: 410-17548-9
Date Collected: 10/15/20 10:10
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 19:21	Y6ZN	ELLE

Client Sample ID: 7670061 301 Conley After Lag Vessel FB
Lab Sample ID: 410-17548-10
Date Collected: 10/15/20 10:10
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56281	10/20/20 08:25	RDL8	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	56660	10/21/20 19:33	Y6ZN	ELLE

Client Sample ID: 7670061 002 Coppersmith Well
Lab Sample ID: 410-17548-11
Date Collected: 10/15/20 09:10
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1	DL		56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	57663	10/23/20 07:40	VK3G	ELLE
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 20:19	PY4D	ELLE

Client Sample ID: 7670061 002 Coppersmith Well FB
Lab Sample ID: 410-17548-12
Date Collected: 10/15/20 09:10
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 20:28	PY4D	ELLE

Lab Chronicle

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

Job ID: 410-17548-1

Client Sample ID: 7670061 003 DuPont Well

Lab Sample ID: 410-17548-13
Date Collected: 10/15/20 09:45
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1	DL		56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	57663	10/23/20 07:51	VK3G	ELLE
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 20:37	PY4D	ELLE

Client Sample ID: 7670061 003 DuPont Well FB

Lab Sample ID: 410-17548-14
Date Collected: 10/15/20 09:45
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 20:46	PY4D	ELLE

Client Sample ID: 7670061 302 DuPont Between Lead & Lag

Lab Sample ID: 410-17548-15
Date Collected: 10/15/20 09:35
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1	DL		56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	57663	10/23/20 08:03	VK3G	ELLE
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 20:55	PY4D	ELLE

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

Lab Sample ID: 410-17548-16
Date Collected: 10/15/20 09:35
Matrix: Potable Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 21:05	PY4D	ELLE

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

Lab Sample ID: 410-17548-17
Date Collected: 10/15/20 09:40
Matrix: Drinking Water
Date Received: 10/16/20 15:31

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1	DL		56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1	DL	10	57663	10/23/20 08:14	VK3G	ELLE
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 21:14	PY4D	ELLE

Lab Chronicle

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

Job ID: 410-17548-1

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

Lab Sample ID: 410-17548-18

Date Collected: 10/15/20 09:40
Date Received: 10/16/20 15:31

Matrix: Potable Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 21:23	PY4D	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel

Lab Sample ID: 410-17548-19

Date Collected: 10/15/20 09:30
Date Received: 10/16/20 15:31

Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 21:32	PY4D	ELLE

Client Sample ID: 7670061 302 DuPont After Lag Vessel FB

Lab Sample ID: 410-17548-20

Date Collected: 10/15/20 09:30
Date Received: 10/16/20 15:31

Matrix: Potable Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	EPA 537 Ver 1.1			56465	10/20/20 16:24	NP8L	ELLE
Total/NA	Analysis	EPA 537 Ver 1.1		1	57080	10/22/20 21:41	PY4D	ELLE

Laboratory References:

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

Accreditation/Certification Summary

Client: SUEZ Water Environmental Services Inc
Job ID: 410-17548-1
Project/Site: Newberry System

Laboratory: Eurofins Lancaster Laboratories Env, LLC

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

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-21

Method Summary

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

Job ID: 410-17548-1

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: 410-17548-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-17548-1	7670061 001 Playground Well	Drinking Water	10/15/20 10:25	10/16/20 15:31	
410-17548-2	7670061 001 Playground Well FB	Potable Water	10/15/20 10:25	10/16/20 15:31	
410-17548-3	7670061 005 Conley Well	Drinking Water	10/15/20 10:30	10/16/20 15:31	
410-17548-4	7670061 005 Conley Well FB	Potable Water	10/15/20 10:30	10/16/20 15:31	
410-17548-5	7670061 301 Conley Between Lead & Lag	Drinking Water	10/15/20 10:15	10/16/20 15:31	
410-17548-6	7670061 301 Conley Between Lead & Lag FB	Potable Water	10/15/20 10:15	10/16/20 15:31	
410-17548-7	7670061 301 Conley Lead Vessel 1/2 Way	Drinking Water	10/15/20 10:20	10/16/20 15:31	
410-17548-8	7670061 301 Conley Lead Vessel 1/2 Way FB	Potable Water	10/15/20 10:20	10/16/20 15:31	
410-17548-9	7670061 301 Conley After Lag Vessel	Drinking Water	10/15/20 10:10	10/16/20 15:31	
410-17548-10	7670061 301 Conley After Lag Vessel FB	Potable Water	10/15/20 10:10	10/16/20 15:31	
410-17548-11	7670061 002 Coppersmith Well	Drinking Water	10/15/20 09:10	10/16/20 15:31	
410-17548-12	7670061 002 Coppersmith Well FB	Potable Water	10/15/20 09:10	10/16/20 15:31	
410-17548-13	7670061 003 DuPont Well	Drinking Water	10/15/20 09:45	10/16/20 15:31	
410-17548-14	7670061 003 DuPont Well FB	Potable Water	10/15/20 09:45	10/16/20 15:31	
410-17548-15	7670061 302 DuPont Between Lead & Lag	Drinking Water	10/15/20 09:35	10/16/20 15:31	
410-17548-16	7670061 302 DuPont Between Lead & Lag FB	Potable Water	10/15/20 09:35	10/16/20 15:31	
410-17548-17	7670061 302 DuPont Lead Vessel 1/2 Way	Drinking Water	10/15/20 09:40	10/16/20 15:31	
410-17548-18	7670061 302 DuPont Lead Vessel 1/2 Way FB	Potable Water	10/15/20 09:40	10/16/20 15:31	
410-17548-19	7670061 302 DuPont After Lag Vessel	Drinking Water	10/15/20 09:30	10/16/20 15:31	
410-17548-20	7670061 302 DuPont After Lag Vessel FB	Potable Water	10/15/20 09:30	10/16/20 15:31	

Envir ... s Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

410-17548 Chain of Custody

Acct. # _____ Sample # _____

Client: **SUEZ WATER PA**

Project Name: Newberry System | Site ID #:

Project Manager: Elizabeth Zanar | P.O. #:

Sampler: Penny Bumbarger | PWSID #: 7670061

Phone #: 717-773-0185 | Quote #: 219948A

State where samples were collected: **PA** | For Compliance: Yes ☑ No ☐

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Sediment	Tissue	Water: Potable	Ground	Surface	NPDES	Other: GAC Filtered Water	Total # of Containers	Analyses Requested: PFAS (14) 537 v 1.1	Preservation and Filtration Codes: O
001 Playground Well	10/15/20	1025	X					X					2	X	
FB - Playground Well	10/15/20	1025											2	X	
005 Conley Well	10/15/20	1030	X					X					2	X	
FB - Conley Well	10/15/20	1030											2	X	
301s Conley Between Lead and Lag	10/15/20	1015	X									X	2	X	
FB - Conley Between Lead and Lag	10/15/20	1015											2	X	
301s Conley Lead Vessel Halfway Port	10/15/20	1020	X									X	2	X	
FB - Conely Lead Vessel Halfway Port	10/15/20	1020											2	X	
301s Conley After Lag	10/15/20	1010	X									X	2	X	
FB - Conely After Lag	10/15/20	1010											2	X	

For Lab Use Only

SF #: _____

SCR #: _____

Preservation Codes

H = HCl | T = Thiosulfate

N = HNO_3 | B = NaOH

S = H_2SO_4 | P = H_3PO_4

F = Field Filtered | O = Other

Remarks

Monthly Compliance

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

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

Date results are needed:

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

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

Phone: 717-773-0185

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NJ DKQP ☐ NYSDEC Category ☐ A or ☐ B

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

Relinquished by:	Date	Time	Received by:	Date	Time
Penny Bumbarger	10/16/20	1030	[signature]	10/16/20	1030
[signature]	10/16/20	1515			
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other _____			Temperature upon receipt 2-5 °C		

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7045 0717

Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 44297 Group # ____ Sample # ____

Client: SUEZ WATER PA		Matrix	Analyses Requested	For Lab Use Only
Project Name: Newberry System	Site ID #:		Preservation and Filtration Codes	SF #:
Project Manager: Elizabeth Zanar	P.O. #:		O	SCR #:
Sampler: Penny Bumbarger	PWSID #: 7670061			
Phone #: 717-773-0185	Quote #: 219948A			
State where samples were collected: PA	For Compliance: Yes ☑ No ☐			

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

Sample Identification	Collection Date	Collection Time	Grab	Composite	Soil/Sediment/Tissue	Water	Other: GAC Filtered Water	Total # of Containers	PFAS (14) 537 v 1.1	Remarks
002 Coppersmith Well	10/15/20	0910	X			X		2	X	Monthly Compliance
FB - Coppersmith Well	10/15/20	0910						2	X	
003 DuPont Well	10/15/20	0945	X			X		2	X	
FB - DuPont Well	10/15/20	0945						2	X	
302s DuPont Between Lead and Lag	10/15/20	0935	X				X	2	X	
FB - DuPont Between Lead and Lag	10/15/20	0935						2	X	
302s DuPont Lead Vessel Halfway Port	10/15/20	0940	X				X	2	X	
FB - DuPont Lead Vessel Halfway Port	10/15/20	0940						2	X	
302s DuPont After Lag	10/15/20	0930	X				X	2	X	
FB - DuPont After Lag	10/15/20	0930						2	X	

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

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐
(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

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

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

Phone: 717-773-0185

Data Package Options (please check if required)

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
Penny Bumbarger (signature)	10/16/2020	1030	(signature)	10/16/20	1030
(signature)	10/16/20	1515			
			(signature)	10/16/20	15:31

Relinquished by Commercial Carrier: UPS ____ FedEx ____ Other ____

Temperature upon receipt 2.5 °C

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Environmental Analysis Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

Acct. # 44297 Group # _____ Sample # _____

Client: **SUEZ WATER PA**

Project Name: Newberry System | Site ID #:

Project Manager: Elizabeth Zanar | P.O. #:

Sampler: Penny Bumbarger | PWSID #: 7670061

Phone #: 717-773-0185 | Quote #: 219948A

State where samples were collected: PA | For Compliance: Yes ☑ No ☐

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil	Sediment	Tissue	Water: Potable	Ground	Surface	NPDES	Other: GAC Filtered Water	Total # of Containers	Analyses Requested: PFAS (14) 537 v 1.1	Preservation and Filtration Codes: O
EP 101 Conley	10/15/20	1005	X					X					2	X	
FB - EP 101 Conley	10/15/20	1005											2	X	
Batch QC - Conley EP	10/15/20	1005	X					X					2	X	
EP 102 DuPont	10/15/20	0925	X					X					2	X	
FB - EP 102 DuPont	10/15/20	0925											2	X	
			X					X					2	X	

For Lab Use Only

SF #: _____

SCR #: _____

Preservation Codes

H = HCl | T = Thiosulfate

N = HNO_3 | B = NaOH

S = H_2SO_4 | P = H_3PO_4

F = Field Filtered | O = Other

Remarks

Monthly Compliance

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

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

Date results are needed:

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

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

Phone: 717-773-0185

Data Package Options (please check if required)

Type I (Validation/non-CLP) ☐ MA MCP ☐

Type III (Reduced non-CLP) ☐ CT RCP ☐

Type VI (Raw Data Only) ☐ TX TRRP-13 ☐

NJ DKQP ☐ NYSDEC Category ☐ A or ☐ B

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

Relinquished by:	Date	Time	Received by:	Date	Time
Penny Bumbarger	10/16/2020	1030	[signature]	10/16/20	1030
[signature]	10/16/20	1575			
			[signature]	10/16/20	15:31

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other _____

Temperature upon receipt 2.5 °C

Login Sample Receipt Checklist

Client: SUEZ Water Environmental Services Inc

Job Number: 410-17548-1

Login Number: 17548
List Number: 1
Creator: Phillips, Ann-Marie E

List Source: Eurofins Lancaster Laboratories Env

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