

Project Name: TOWN OF NEW WINDSOR WATER SYS.
Project Number: 42001045

Lab Number: L1926231
Report Date: 06/27/19

SAMPLE RESULTS

Lab ID: L1926231-01
Client ID: WELL #1 @ WELL PUMP (420-155383-1)
Sample Location: Not Specified

Date Collected: 06/17/19 09:15
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:
Matrix: Dw
Analytical Method: 122,537
Analytical Date: 06/24/19 14:24
Analyst: JW

Extraction Method: EPA 537
Extraction Date: 06/21/19 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	3.97		ng/l	1.86	0.264	1
Perfluorohexanoic Acid (PFHxA)	2.55		ng/l	1.86	0.245	1
Perfluoroheptanoic Acid (PFHpA)	0.669	J	ng/l	1.86	0.242	1
Perfluorohexanesulfonic Acid (PFHxS)	3.08		ng/l	1.86	0.446	1
Perfluorooctanoic Acid (PFOA)	3.08		ng/l	1.86	0.580	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.86	0.442	1
Perfluorooctanesulfonic Acid (PFOS)	2.75		ng/l	1.86	0.457	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.598	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.71	J	ng/l	1.86	0.870	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.758	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.62		ng/l	1.86	0.885	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.602	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	1.86	0.472	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.401	1
PFOA/PFOS, Total	5.83		ng/l	1.86	0.457	1
PFAS, Total (5)	9.58	J	ng/l	1.86	0.242	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	102		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	97		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		70-130



Project Name: TOWN OF NEW WINDSOR WATER SYS.

Lab Number: L1926231

Project Number: 42001045

Report Date: 06/27/19

SAMPLE RESULTS

Lab ID: L1926231-02
 Client ID: WELL #2 @ WELL PUMP (420-155383-2)
 Sample Location: Not Specified

Date Collected: 06/17/19 09:00
 Date Received: 06/18/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 122,537
 Analytical Date: 06/24/19 14:41
 Analyst: JW

Extraction Method: EPA 537
 Extraction Date: 06/21/19 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	1.37	J	ng/l	1.91	0.271	1
Perfluorohexanoic Acid (PFHxA)	2.34		ng/l	1.91	0.251	1
Perfluoroheptanoic Acid (PFHpA)	1.11	J	ng/l	1.91	0.248	1
Perfluorohexanesulfonic Acid (PFHxS)	2.67		ng/l	1.91	0.458	1
Perfluorooctanoic Acid (PFOA)	3.44		ng/l	1.91	0.595	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.91	0.454	1
Perfluorooctanesulfonic Acid (PFOS)	1.76	J	ng/l	1.91	0.469	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.91	0.614	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.96		ng/l	1.91	0.893	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.91	0.779	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2.16		ng/l	1.91	0.908	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.91	0.618	1
Perfluorotridecanoic Acid (PFTTrDA)	0.538	J	ng/l	1.91	0.485	1
Perfluorotetradecanoic Acid (PFTA)	0.458	J	ng/l	1.91	0.412	1
PFOA/PFOS, Total	5.20	J	ng/l	1.91	0.469	1
PFAS, Total (5)	8.98	J	ng/l	1.91	0.248	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	104		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	87		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64	Q	70-130



Project Name: TOWN OF NEW WINDSOR WATER SYS.

Lab Number: L1926231

Project Number: 42001045

Report Date: 06/27/19

SAMPLE RESULTS

Lab ID: L1926231-02 RE
 Client ID: WELL #2 @ WELL PUMP (420-155383-2)
 Sample Location: Not Specified

Date Collected: 06/17/19 09:00
 Date Received: 06/18/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 122,537
 Analytical Date: 06/26/19 22:06
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/25/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	1.32	J	ng/l	1.85	0.263	1
Perfluorohexanoic Acid (PFHxA)	2.24		ng/l	1.85	0.244	1
Perfluoroheptanoic Acid (PFHpA)	1.50	J	ng/l	1.85	0.241	1
Perfluorohexanesulfonic Acid (PFHxS)	2.98		ng/l	1.85	0.444	1
Perfluorooctanoic Acid (PFOA)	3.50		ng/l	1.85	0.578	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.441	1
Perfluorooctanesulfonic Acid (PFOS)	1.86		ng/l	1.85	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.596	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.867	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.756	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.881	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.600	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	1.85	0.470	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.400	1
PFOA/PFOS, Total	5.36		ng/l	1.85	0.456	1
PFAS, Total (5)	9.84	J	ng/l	1.85	0.241	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	91		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	83		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58	Q	70-130

Project Name: TOWN OF NEW WINDSOR WATER SYS.
Project Number: 42001045

Lab Number: L1926231
Report Date: 06/27/19

SAMPLE RESULTS

Lab ID: L1926231-03
Client ID: WELL #3 @ WELL PUMP (420-155383-3)
Sample Location: Not Specified

Date Collected: 06/17/19 10:45
Date Received: 06/18/19
Field Prep: Not Specified

Sample Depth:

Matrix: Dw
Analytical Method: 122,537
Analytical Date: 06/24/19 14:57
Analyst: JW

Extraction Method: EPA 537
Extraction Date: 06/21/19 08:55

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 537 - Mansfield Lab						
Perfluorobutanesulfonic Acid (PFBS)	1.39	J	ng/l	1.85	0.263	1
Perfluorohexanoic Acid (PFHxA)	4.38		ng/l	1.85	0.244	1
Perfluoroheptanoic Acid (PFHpA)	2.11		ng/l	1.85	0.241	1
Perfluorohexanesulfonic Acid (PFHxS)	2.92		ng/l	1.85	0.444	1
Perfluorooctanoic Acid (PFOA)	3.81		ng/l	1.85	0.578	1
Perfluorononanoic Acid (PFNA)	0.578	J	ng/l	1.85	0.441	1
Perfluorooctanesulfonic Acid (PFOS)	4.71		ng/l	1.85	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.596	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.867	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.756	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.881	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.600	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	1.85	0.470	1
Perfluorotetradecanoic Acid (PFTTA)	ND		ng/l	1.85	0.400	1
PFOA/PFOS, Total	8.52		ng/l	1.85	0.456	1
PFAS, Total (5)	14.1	J	ng/l	1.85	0.241	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	106		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	90		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64	Q	70-130



Project Name: TOWN OF NEW WINDSOR WATER SYS.

Lab Number: L1926231

Project Number: 42001045

Report Date: 06/27/19

SAMPLE RESULTS

Lab ID: L1926231-03 RE
 Client ID: WELL #3 @ WELL PUMP (420-155383-3)
 Sample Location: Not Specified

Date Collected: 06/17/19 10:45
 Date Received: 06/18/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Dw
 Analytical Method: 122,537
 Analytical Date: 06/26/19 22:23
 Analyst: AJ

Extraction Method: EPA 537
 Extraction Date: 06/25/19 18:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
-----------	--------	-----------	-------	----	-----	-----------------

Perfluorinated Alkyl Acids by EPA 537 - Mansfield Lab

Perfluorobutanesulfonic Acid (PFBS)	1.10	J	ng/l	1.84	0.261	1
Perfluorohexanoic Acid (PFHxA)	3.90		ng/l	1.84	0.242	1
Perfluoroheptanoic Acid (PFHpA)	2.40		ng/l	1.84	0.239	1
Perfluorohexanesulfonic Acid (PFHxS)	3.01		ng/l	1.84	0.441	1
Perfluorooctanoic Acid (PFOA)	3.63		ng/l	1.84	0.574	1
Perfluorononanoic Acid (PFNA)	0.607	J	ng/l	1.84	0.438	1
Perfluorooctanesulfonic Acid (PFOS)	4.43		ng/l	1.84	0.452	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.592	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.860	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.750	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.875	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.596	1
Perfluorotridecanoic Acid (PFTTrDA)	ND		ng/l	1.84	0.467	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.397	1
PFOA/PFOS, Total	8.06		ng/l	1.84	0.452	1
PFAS, Total (5)	14.1	J	ng/l	1.84	0.239	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[1,2-13C2]hexanoic Acid (13C-PFHxA)	88		70-130
Perfluoro-n-[1,2-13C2]decanoic Acid (13C-PFDA)	88		70-130
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61	Q	70-130

