

8/31
Cordes
Brimm



Technical Report

prepared for:

Parkway School
c/o Greenwich Public Schools, 290 Greenwich Ave
Greenwich, CT 06830
Attention: Cordes George

Report Date: 08/31/2023
Client Project ID: NTS
York Project (SDG) No.: N3H0635

CT Cert. No. PH-0800



New York Cert. No. 11706

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Report Date: 08/31/2023
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Parkway School
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Greenwich, CT 06830
Attention: Cordes George

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 16, 2023 and listed below. The project was identified as your project: **NTS**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

Please contact Client Services at 203-270-9973 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
N3H0635-01	Teachers Lounge	Drinking Water	08/16/2023	08/16/2023
N3H0635-02	Field Blank	Drinking Water	08/16/2023	08/16/2023



Sample Information

Client Sample ID: Teachers Lounge

York Sample ID: N3H0635-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

N3H0635

NTS

Drinking Water

August 16, 2023 12:45 pm

08/16/2023

Field Analyses:

Log-in/Sample Notes:

Analysis Conducted by: York Analytical Laboratories, Inc. - Stratford

Results

Parameter	Result	Units	Qualifier	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	3.02	ng/L		760	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorohexanoic acid (PFHxA)	89.0	ng/L		240	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluoroheptanoic acid (PFHpA)	37.5	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorohexanesulfonic acid (PFHxS)	< 1.85	ng/L		49	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorooctanoic acid (PFOA)	46.6	ng/L		16	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorooctanesulfonic acid (PFOS)	2.61	ng/L		10	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorononanoic acid (PFNA)	< 1.85	ng/L		12	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorodecanoic acid (PFDA)	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluoroundecanoic acid (PFUnA)	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorododecanoic acid (PFDoA)	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorotridecanoic acid (PFTTrDA)	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
Perfluorotetradecanoic acid (PFTA)	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
N-MeFOSAA	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
N-EtFOSAA	< 1.85	ng/L		-	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
9CL-PF3ONS	< 1.85	ng/L		2	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
11CL-PF3OUdS	< 1.85	ng/L		5	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ



Sample Information

Client Sample ID: Teachers Lounge	York Sample ID: N3H0635-01			
York Project (SDG) No.: N3H0635	Client Project ID: NTS	Matrix: Drinking Water	Collection Date/Time: August 16, 2023 12:45 pm	Date Received: 08/16/2023
Field Analyses:		Log-in/Sample Notes:		

Analysis Conducted by: York Analytical Laboratories, Inc. - Stratford

Results

Parameter	Result	Units	Qualifier	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
HFPO-DA (Gen-X)	< 1.85	ng/L		19	EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ
ADONA	< 1.85	ng/L			EPA 537.1	08/22/2023 14:37 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/25/2023 17:13	ESJ

Sample Information

Client Sample ID: Field Blank	York Sample ID: N3H0635-02			
York Project (SDG) No.: N3H0635	Client Project ID: NTS	Matrix: Drinking Water	Collection Date/Time: August 16, 2023 12:45 pm	Date Received: 08/16/2023
Field Analyses:		Log-in/Sample Notes:		

Analysis Conducted by: York Analytical Laboratories, Inc. - Stratford

Results

Parameter	Result	Units	Qualifier	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Perfluorobutanesulfonic acid (PFBS)	< 1.92	ng/L		760	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorohexanoic acid (PFHxA)	< 1.92	ng/L		240	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluoroheptanoic acid (PFHpA)	< 1.92	ng/L			EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorohexanesulfonic acid (PFHxS)	< 1.92	ng/L		49	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorooctanoic acid (PFOA)	< 1.92	ng/L		16	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorooctanesulfonic acid (PFOS)	< 1.92	ng/L		10	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorononanoic acid (PFNA)	< 1.92	ng/L		12	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorodecanoic acid (PFDA)	< 1.92	ng/L			EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ



Sample Information

Client Sample ID: Field Blank

York Sample ID: N3H0635-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

N3H0635

NTS

Drinking Water

August 16, 2023 12:45 pm

08/16/2023

Field Analyses:

Log-in/Sample Notes:

Analysis Conducted by: York Analytical Laboratories, Inc. - Stratford

Results

Parameter	Result	Units	Qualifier	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Perfluoroundecanoic acid (PFUnA)	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorododecanoic acid (PFDoA)	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorotridecanoic acid (PFTrDA)	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
Perfluorotetradecanoic acid (PFTA)	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
N-MeFOSAA	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
N-EtFOSAA	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
9CL-PF3ONS	< 1.92	ng/L	-	2	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
11CL-PF3OUds	< 1.92	ng/L	-	5	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
HFPO-DA (Gen-X)	< 1.92	ng/L	-	19	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ
ADONA	< 1.92	ng/L	-	-	EPA 537.1	08/25/2023 12:08 Certifications: NELAC-NY12058,CTDPH-PH-0721	08/28/2023 19:04	ESJ



Definitions and Other Information

QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accep

PFSL The recovery for this PFAS surrogate was below control limits

PFSH The recovery for this PFAS surrogate was above control limits

PFLH The recovery for this PFAS compound was above control limits

* Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

MCL The Maximum Contaminant Level (MCL) is the maximum concentration of a chemical that is allowed in public drinking water systems. The MCL is established by the U.S. Environmental Protection Agency (EPA). Some states have MCLs that are equal to or less than the Federally established MCL. The listed MCL value reflects the MCL established by the State where the sample was taken.

General Notes for N3H0635

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:

Charles Morrow
Technical Director

Date: August 31, 2023



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