



Technical Report

prepared for:

Parkway School
c/o Greenwich Public Schools, 290 Greenwich Ave
Greenwich, CT 06830
Attention: Elisa Gonzalez

Report Date: 10/14/2024
Client Project ID: PWS ID CT0570212
York Project (SDG) No.: N4J0046

CT Cert. No. PH-0800



New York Cert. No. 11706

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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 October 01, 2024 and listed below. The project was identified as your project: **PWS ID CT0570212**.

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>
N4J0046-01	PS017- Teachers Lounge	Drinking Water	10/01/2024	10/01/2024
N4J0046-02	In Between Filters	Drinking Water	10/01/2024	10/01/2024
N4J0046-04	POE	Drinking Water	10/01/2024	10/01/2024
N4J0046-05	Well 2	Drinking Water	10/01/2024	10/01/2024
N4J0046-06	Well 3	Drinking Water	10/01/2024	10/01/2024



Sample Information

Client Sample ID: PS017- Teachers Lounge				York Sample ID: N4J0046-01	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
N4J0046	PWS ID CT0570212	Drinking Water	October 1, 2024 12:25 pm	10/01/2024	
Field Analyses:	Field pH: 6.86	Field Residual Chlorine: 0.00	Field Temp: 20.9	Log-in/Sample Notes:	

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Alkalinity, total	180	mg/L		2.00	-	SM 21-23 2320B (-97)	10/02/2024 11:18 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/02/2024 11:18	MR
Color-Apparent	10	Color Units (Pt-Co)		5.00	15	SM 21-23 2120B (-01)	10/01/2024 16:50 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 16:50	OJC
Odor (Threshold)	< 1	T.O.N.		1.00	3	SM 2150B-2011	10/01/2024 15:22 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 15:52	OJC
Turbidity-	0.55	NTU		0.10	5	EPA 180.1	10/01/2024 16:00 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 16:00	MR
Coliform, total	Absent	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C)	10/01/2024 17:05 Certifications: NELAC-NY11706,CTDOH-PH-0800	10/01/2024 17:05	DLW
E. Coli	Absent	P/A		0.00	0.1	SM 20, 21-23 9223B (-04) (C)	10/01/2024 17:05 Certifications: NELAC-NY11706,CTDOH-PH-0800	10/01/2024 17:05	DLW

Sample Information

Client Sample ID: In Between Filters				York Sample ID: N4J0046-02	
<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>	
N4J0046	PWS ID CT0570212	Drinking Water	October 1, 2024 12:50 pm	10/01/2024	
Field Analyses:	Field Residual Chlorine: 0.00		Log-in/Sample Notes:		

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

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Hazard Index	0.00	Unitless (HI)			1	EPA 537.1	10/10/2024 14:07 Certifications:	10/11/2024 17:23	ESJ
Perfluorobutanesulfonic acid (PFBS)	< 1.97	ng/L		1.97	760	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorohexanoic acid (PFHxA)	< 1.97	ng/L		1.97	240	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluoroheptanoic acid (PFHpA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorohexanesulfonic acid (PFHxS)	< 1.97	ng/L		1.97	10	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ



Sample Information

Client Sample ID: In Between Filters		York Sample ID: N4J0046-02	
<u>York Project (SDG) No.</u> N4J0046	<u>Client Project ID</u> PWS ID CT0570212	<u>Matrix</u> Drinking Water	<u>Collection Date/Time</u> October 1, 2024 12:50 pm
<u>Date Received</u> 10/01/2024		<u>Field Analyses:</u> Field Residual Chlorine: 0.00	
		<u>Log-in/Sample Notes:</u>	

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

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Perfluorooctanoic acid (PFOA)	< 1.97	ng/L		1.97	4	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorooctanesulfonic acid (PFOS)	< 1.97	ng/L		1.97	4	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorononanoic acid (PFNA)	< 1.97	ng/L		1.97	10	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorodecanoic acid (PFDA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluoroundecanoic acid (PFUnA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorododecanoic acid (PFDoA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorotridecanoic acid (PFTrDA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
Perfluorotetradecanoic acid (PFTA)	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
N-MeFOSAA	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
N-EtFOSAA	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
9CL-PF3ONS	< 1.97	ng/L		1.97	2	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
11CL-PF3OUdS	< 1.97	ng/L		1.97	5	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
HFPO-DA (Gen-X)	< 1.97	ng/L		1.97	10	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ
ADONA	< 1.97	ng/L		1.97	-	EPA 537.1	10/10/2024 14:07 Certifications: NELAC-NY12058,CTDPH-PH-0721	10/11/2024 17:23	ESJ



Sample Information

Client Sample ID: POE **York Sample ID:** N4J0046-04

York Project (SDG) No. N4J0046 **Client Project ID** PWS ID CT0570212 **Matrix** Drinking Water **Collection Date/Time** October 1, 2024 12:35 pm **Date Received** 10/01/2024

Field Analyses: Field Residual Chlorine: 0.00 **Log-in/Sample Notes:**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Nitrate as N	1.89	mg/L		0.50	10	EPA 300.0	10/01/2024 15:20 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 22:57	ANM
Nitrite, as N	< 0.100	mg/L		0.10	1	EPA 300.0	10/01/2024 15:20 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 22:57	ANM

Sample Information

Client Sample ID: Well 2 **York Sample ID:** N4J0046-05

York Project (SDG) No. N4J0046 **Client Project ID** PWS ID CT0570212 **Matrix** Drinking Water **Collection Date/Time** October 1, 2024 12:40 pm **Date Received** 10/01/2024

Field Analyses: Field Residual Chlorine: 0.00 **Log-in/Sample Notes:**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
E Coli - MPN	< 1.00	MPN/100 ml		1.00	1	SM 20, 21-23 9223B (-04) (C)	10/01/2024 16:30 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 16:30	DLW

Sample Information

Client Sample ID: Well 3 **York Sample ID:** N4J0046-06

York Project (SDG) No. N4J0046 **Client Project ID** PWS ID CT0570212 **Matrix** Drinking Water **Collection Date/Time** October 1, 2024 12:45 pm **Date Received** 10/01/2024

Field Analyses: Field Residual Chlorine: 0.00 **Log-in/Sample Notes:**

Results

Parameter	Result	Units	Qualifier	RL	MCL	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
E Coli - MPN	< 1.00	MPN/100 ml		1.00	1	SM 20, 21-23 9223B (-04) (C)	10/01/2024 16:30 Certifications: CTDOH-PH-0800,NELAC-NY11706	10/01/2024 16:30	DLW



Definitions and Other Information

- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
- * 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 N4J0046

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:

Cassie Mosher
Chemistry Director

Phil Murphy
Interim Microbiology Director

Date: October 14, 2024





AQUA ENVIRONMENTAL LAB
56 Church Hill Road • Newtown, CT 06470 • (203) 270-9973

A York Analytical Company



Company Name:		Parkway Elementary		Analyses Requested												Comments
Address:		141 Lower Cross Rd., Greenwich														
PWSID		CT0570212														
(LAB USE ONLY)	Client Sample ID	Type	Collection Date & Time	Total Coliform	Physical Parameters	Lead and Copper	Asbestos	ALK	Nits	PfAS	E. Coll	CL2	pH	Temp		
N4J 0046-01	PS017 - Teachers Lounge	DW	9/10/1/24 12:25	X	X			X						68.620.9°C		
-02-03	In Between Filters		12:30						X							
-04	POE 00700		12:35					X								
-05	Well 2 - 53226		12:40							X						
-06	Well 3 - 53228		12:45							X						
Sample ID's				PS017												Teachers Lounge
POE 00700																
Well 2 - 53226																
Well 3 - 53228																
Bi Weekly ALK from PS017																

Sampler: David Lawrence

Sampler's Signature: [Signature]

Released By: _____

Received BY: _____

Date/Time: _____

Received On Ice

10/1/24 2:30

Received On Ice

6 / N

Temp:

3.4°C