



VIA E-FILING

December 2, 2025

Matthew L. Homsher, Secretary
Pennsylvania Public Utility Commission
400 North Steet
2nd Floor, Room-N201
Harrisburg, PA 17120

**RE: Application of Aqua Pennsylvania, Inc. for approval of the right to offer, render, furnish, or supply water service to the public in an additional portion of East Brandywine Township, Chester County, Pennsylvania
Docket No. A-2025-3057896**

Dear Secretary Homsher:

Enclosed please find Aqua Pennsylvania, Inc.'s ("Aqua") PUBLIC responses to the Pennsylvania Public Utility Commission's ("Commission") Bureau of Technical Utility Services ("TUS") Data Request Set 1 in the above docket. A Confidential version will be mailed separately to the Secretary's Bureau.

If you have any questions regarding this filing, please contact me at 610-645-1130 or by email at astahl@aquaamerica.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "Alex Stahl".

Alexander R. Stahl
Regulatory Counsel

cc: Matt Lapes, Bureau of Technical Utility Services (via email, mlapes@pa.gov)

Respondent's Name:
Brenda L. Lewandowski
Manager New Business
Aqua Pennsylvania, Inc.
December 2, 2025

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-1

- A-1 The map of the requested territory provided as Application's Attachment A and the map shown in the letter from East Brandywine Township, dated December 4, 2023, provided as the Application's Attachment D appear to depict different requested territory areas. Namely, Aqua's requested territory in the Application's Attachment A included an additional area north of the Brandywine Wallace Elementary School (Elementary School) containing single-family residences along both sides of School Lane whereas the map depicted in the response from Brandywine Township did not. Pursuant to 52 Pa. Code § 3.501(a)(7)(iv), the Application must include letters by the appropriate governmental entities certifying that the Application does or does not meet all the applicable requirements of any officially adopted municipal comprehensive plans and applicable zoning designations, including any necessary amendments. Please provide each of the following:
- a. Provide evidence that Aqua sent a land use planning consistency verification letter to East Brandywine Township requesting confirmation of whether the Application, that includes the School Lane neighborhood, is consistent with adopted municipal zoning and comprehensive plans;
 - b. Provide copies of responses to Aqua's land use planning consistency verification letter, that includes the School Lane neighborhood, from East Brandywine Township; and
 - c. If responses to Aqua's letter have not been provided by East Brandywine Township, provide verification of whether the Application is consistent with adopted municipal comprehensive plans and zoning ordinances.

Response:

- a. A copy of the land use planning consistency letter that was provided to East Brandywine Township is attached as A-1 Attachment 1.
- b. Please see A-1 Attachment 1.
- c. Please see the response to part a.



VIA EMAIL and U.S. MAIL

November 19, 2025

Luke Reven, Township Manager
East Brandywine Township
1214 Horseshoe Pike
Downingtown, PA 19335
lukereven@ebrandywine.org

**Re: Aqua Pennsylvania Application to Provide Water in an
Additional Area of East Brandywine Township**

Dear Mr. Reven:

As you are aware, Aqua Pennsylvania, Inc. ("Aqua") submitted an application to the Pennsylvania Public Utility Commission ("PUC") requesting additional service territory to provide public water service to the Brandywine Wallace Elementary School ("BWES") on Dilworth Road. In addition to the school, Aqua included the additional areas that were outlined in your letter dated December 4, 2023, copy attached, and also included the area around the existing development on School Lane, that abuts BWES' property to the north. The additional area was included based on our knowledge that BWES is currently treating their existing water supply for Perfluorobutanesulfonic acid ("PFOS") and Perfluorooctanoic acid ("PFOA"), collectively ("PFC'S), which indicates the potential for the School Lane Properties testing positive for PFC's in the future. I am including the exhibit plan included in our application that depicts our requested territory and Aqua's existing territory for this area of East Brandywine Township.

In response to our application, the PUC has requested that Aqua obtain the Township's input for the purpose of determining if the School Lane area included in Aqua's application complies with the Township's land use planning.

Specifically, Aqua requests that the Township reviews the following questions:

1. Are there adopted comprehensive plans for the Township involved? (Y/N) Y
2. Is there an adopted municipal zoning ordinance? (Y/N) Y
3. Is the addition of this area of the Township consistent with these comprehensive plans and/or zoning ordinances? (Y/N) Y

Please fill out the above and sign below, or submit a letter, indicating your responses.

If you have any questions, please call me at (610) 645-1105 or e-mail me at
bllewandowski@aquaamerica.com

Brenda Lewandowski

Sincerely,
Brenda Lewandowski
New Business Manager

Enclosure

Aqua Pennsylvania, Inc.'s application to serve the additional area of East Brandywine Township is consistent with the applicable comprehensive plans and zoning ordinances.

East Brandywine Township Signature _____



Printed Name / Title _____

LUKE REVEN, TOWNSHIP MANAGER

Date _____

NOVEMBER 26, 2025

Please e-mail this form to: Brenda Lewandowski, bllewandowski@aquaamerica.com.

Respondent's Name:
Brenda L. Lewandowski
Manager New Business
Aqua Pennsylvania, Inc.
December 2, 2025

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-2

A-2 The Application's Section 5 indicated that the requested territory included 21 properties immediately adjacent to the proposed main extension (Initial Main Extension Region) and 61 properties that will need small main extensions from the proposed main extension (Future Main Extension Region). Please provide a map of suitable scale that separately quantifies the acreage and depicts the boundaries of the Initial Main Extension and the Future Main Extension Regions.

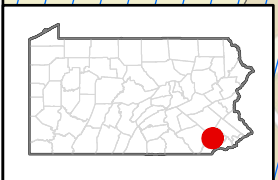
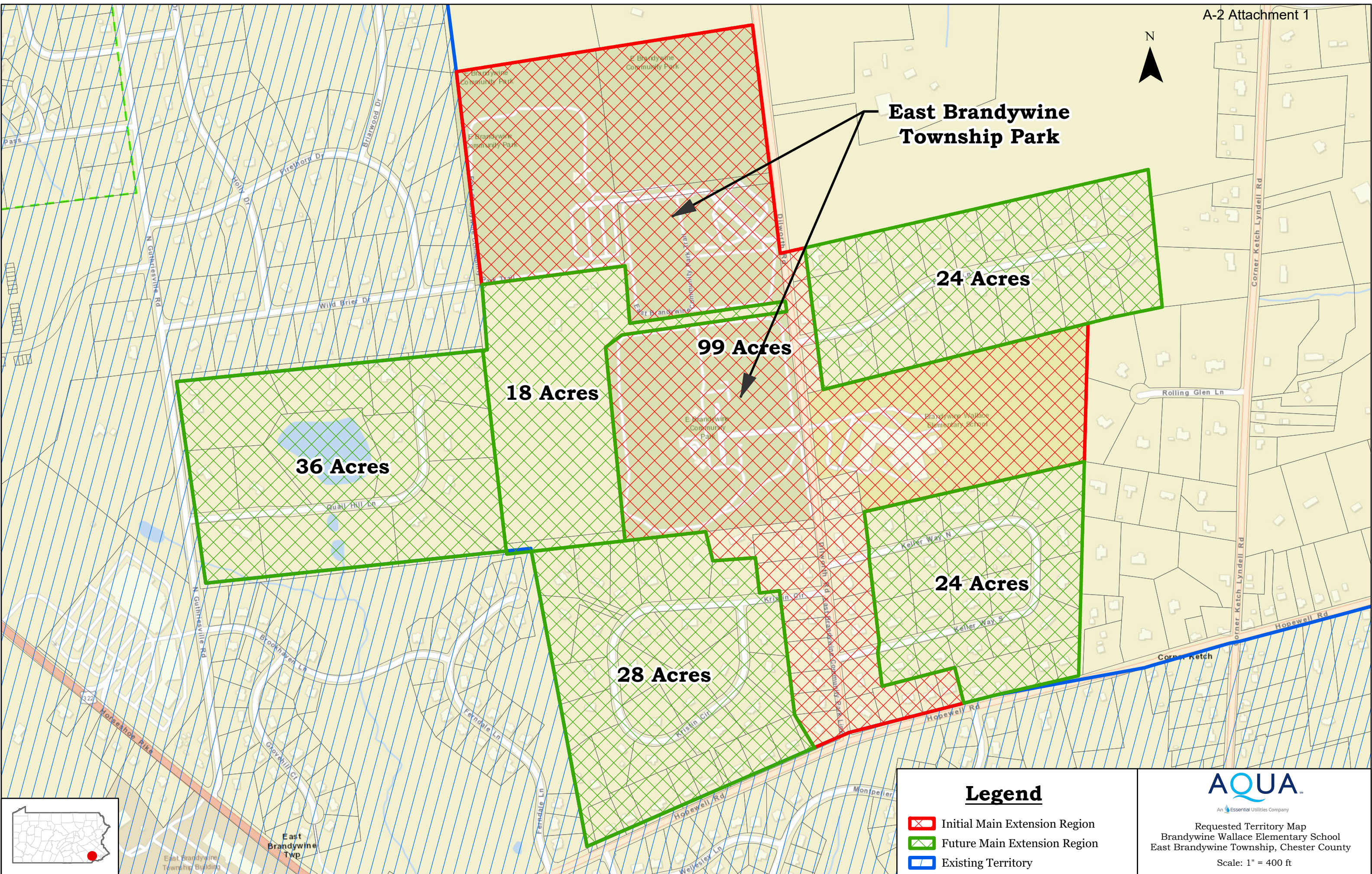
Response:

A map depicting the Initial Main Extension Region for the Elementary School and abutting properties is in Red, and the Future Main Extension Region is in Green is attached as A-2 Attachment 1.


The attached plan is sized 11" x 17"



East Brandywine Township Park



Legend

-  Initial Main Extension Region
-  Future Main Extension Region
-  Existing Territory

AQUA
An Essential Utilities Company

Requested Territory Map
Brandywine Wallace Elementary School
East Brandywine Township, Chester County

Scale: 1" = 400 ft

Respondent's Name:
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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-3

A-3 Please provide a concept plan depicting how the 61 properties in the Future Main Extension Region may be served in the future and provide a cost estimate for the construction of the future water main extension(s) to serve all the Future Main Extension Region.

Response:

A concept plan showing the future main extension for Keller Way, School Lane, Kristen Circle and Quail Hill Lane is attached as CONFIDENTIAL A-3 Attachment 1.

The estimated costs to extend water mains in these above-mentioned streets, which are strictly tabletop estimates and not the result of any field investigation, are as follows:

1. Keller Way: approximately 2,300 feet of main (DIP) at an estimated cost of \$632,000.
2. School Lane: Approximately 2,350 feet of main at an estimated cost of \$646,250.
3. Kristen Circle: 2,600 feet of main at an estimated cost of \$715,000.
4. Quail Hill Lane: 2,500 feet of main at an estimated cost of \$687,500.

The attached plan is sized 11" x 17"

Respondent's Name:
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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-4

A-4 Please confirm whether Aqua has received any requests for water service from any properties in the Future Main Extension Region and provide copies of any requests for service Aqua has received.

Response: Aqua has not solicited or received any requests for service in the Future Main Extension Region.

Respondent's Name:
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BUREAU OF TECHNICAL UTILITY SERVICES
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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-5

A-5 Please provide an estimate of the number of new customer connections by class in the requested territory in the first, fifth, and tenth years after approval of this Application and the associated daily water demand in each of those years.

Response: It is difficult to predict or estimate, the number of customer connections that will occur in the years requested. In year one, we expect to have the School, which is classified as Commercial, and the Township Park, which is classified as Public to be connected. All other properties within the Requested Territory would be classified as Residential. The timing of future residential connections provided in this response is speculative only and could be higher or lower based on future groundwater conditions, water quality, etc.

The Commercial property has an average estimated daily demand of 1,780 gpd
The Public property has an average estimated daily demand of 850 gpd
Each Residential property has an average estimated daily demand of 129 gpd.

Year 1

Commercial: 1,780 gpd

Public: 850 gpd

Residential (2): 258 gpd

Total demand: 2,858 gpd

Year 5

Residential (25): 3,225 gpd

Year 10

Residential (50): 3,225 gpd

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Data Request A-6

A-6 The Application's Section 15 indicated the projected Operations and Maintenance expense for each property in the requested territory is approximately \$332.17. However, it is unclear what the annual expense estimate is to provide service in the requested territory. Please provide a detailed breakdown of the estimated annual revenue and expenses for providing service in the first, fifth, and tenth years after Application approval, consistent with the customer count and usage values provided in response to Data Request A-4.

Response: The response below, based on the demands and connections by class in A-5, utilizes Aqua's current rates and O& M, and are not adjusted for unknown future rate cases, rate increases. The revenue and expenses shown in the below projections represent revenue at year 1, 5 and 10 inclusive of the previous projected years.

Year 1	Revenue	Expense
Commercial:	\$11,299.80	
Public property:	\$6,938.93	
Residential (2):	\$2,180.58	
Total Revenue:	\$20,419.31	
Total Expense (4 properties)		(\$1,328.68)
Year 5		
Commercial:	\$11,299.80	
Public:	\$6,938.93	
Residential (25):	\$27,257.25	
Total Revenue:	\$45,495.98	
Total Expense (27 properties):		(\$8,968.59)
Year 10		
Commercial:	\$11,299.80	
Public:	\$6,938.93	
Residential (50):	\$54,514.50	
Total Revenue:	\$72,753.23	
Total Expense (52 Properties)		(\$17,272.84)

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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-7

A-7 Please provide the current average monthly, maximum monthly, and permitted demand for the UGS North System's water treatment plants and interconnections.

Response: The average monthly demand, to date, in 2025 is 24,909,339 gallons
The maximum monthly demand, to date, in 2025 was 29,033,848 gallons

Collectively, the UGS North wells are permitted for a maximum withdrawal of 24.13 million gallons per month. The UGS North supply is supplemented by a monthly average of 12,628,192 gallons via an interconnection with Aqua's Spring Run system. Of the 12,628,192 gallons supplied via the interconnect, an average of approximately 6,233,333 gallons per month is provided by Aqua's Ingrams Mill Plant through the Spring Run system interconnection.

Respondent's Name:
Brenda L. Lewandowski
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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-8

A-8 Please provide the current average monthly, maximum monthly, and permitted demand for the Spring Run System's water treatment plants and interconnections.

Response: The average monthly demand, to date, in 2025 is 31,333,679 gallons
The maximum monthly demand, to date, in 2025 was 36,701,772 gallons

Collectively, the Spring Run wells are permitted for a maximum withdraw of 52 million gallons per month.

Respondent's Name:
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December 2, 2025

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Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-9

A-9 Please provide the current average monthly, maximum monthly, and permitted demand for the Ingram Mills Water Treatment Plant.

Response: The average monthly demand, to date, in 2025 is 138,449,900 gallons
The maximum monthly demand, to date, in 2025 was 154,890,000 gallons

The Ingrams Mill Plant is permitted for an average 180 million gallons per month.

Respondent's Name:
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Docket No. A-2025-3057896
Data Request A-10

A-10 Aqua indicated in the Application's Section 5 that the potential residential customer's wells are likely to contain PFOS and that these customers may be seeking water service from Aqua as a remedy in the near future. Please provide evidence of PFOS contamination that may affect wells in the Future Main Extension Region.

Response: Attached as A-10 Attachment 1 are sample test results provided by the Brandywine Wallace Elementary School showing the presence of both PFOA and PFOS in their well supply. In addition, Aqua is currently planning to install treatment on seven of its nine wells in the UGS North system and on four of its seven wells in the Spring Run System to comply with the DEP and EPA requirements.

Detail Sample Information: 01JAN2023 - 01JAN2025

Sample Location	Contaminant ID	Analysis Result	MCL In Effect	Sample Date	Sample Type	Laboratory ID	Analysis Method	Analysis Date	Sample Received Date
101	PERFLUOROBUTANESULFONIC ACID	3.9	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROHEPTANOIC ACID	4.1	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROHEXANESULFONIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUORONONANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROOCOTANESULFONIC ACID	2.5	18	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROOCOTANOIC ACID	12	14	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUORODECANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUORODODECANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROHEXANOIC ACID	8.2	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROTETRADECANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROTRIDECANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024

Detail Sample Information: 01JAN2023 - 01JAN2025

Sample Location	Contaminant ID	Analysis Result	MCL In Effect	Sample Date	Sample Type	Laboratory ID	Analysis Method	Analysis Date	Sample Received Date
101	PERFLUOROUNDECANOIC ACID	0	.	02/08/2024	ENTRY POINT	PACE ANALYTICAL - ORMOND BEACH	LC, MS-MS, SPE (EPA 537/537.1)	02/18/2024	05/08/2024
101	PERFLUOROOCTANESULFONIC ACID	3.09	18	05/09/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	05/23/2024	06/04/2024
101	PERFLUOROOCTANOIC ACID	14.4	14	05/09/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	05/23/2024	06/04/2024
101	PERFLUOROOCTANESULFONIC ACID	4.16	18	08/20/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	08/26/2024	09/06/2024
101	PERFLUOROOCTANOIC ACID	12.3	14	08/20/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	08/26/2024	09/06/2024
101	PERFLUOROOCTANESULFONIC ACID	4.01	18	11/14/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	11/21/2024	12/03/2024
101	PERFLUOROOCTANOIC ACID	15.8	14	11/14/2024	ENTRY POINT	SUBURBAN WATER TESTING LABS	LC, MS-MS, SPE (EPA 537/537.1)	11/21/2024	12/03/2024

ANALYTICAL RESULTS

Project: PFAS_537.1 DE 02416
 Pace Project No.: 35787501

Sample: DE-02416 Kitchen Sink **Lab ID: 35787501001** Collected: 03/21/23 10:22 Received: 03/22/23 11:00 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 257.34 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.0016U	ug/L	0.0019	0.0016	1	03/23/23 18:03	03/24/23 20:05	763051-92-9	
9CI-PF3ONS	0.0011U	ug/L	0.0019	0.0011	1	03/23/23 18:03	03/24/23 20:05	756426-58-1	
ADONA	0.00072U	ug/L	0.0019	0.00072	1	03/23/23 18:03	03/24/23 20:05	919005-14-4	
HFPO-DA	0.0016U	ug/L	0.0019	0.0016	1	03/23/23 18:03	03/24/23 20:05	13252-13-6	
NEtFOSAA	0.00092U	ug/L	0.0019	0.00092	1	03/23/23 18:03	03/24/23 20:05	2991-50-6	
NMeFOSAA	0.0016U	ug/L	0.0019	0.0016	1	03/23/23 18:03	03/24/23 20:05	2355-31-9	
Perfluorobutanesulfonic acid	0.0044	ug/L	0.0019	0.00066	1	03/23/23 18:03	03/24/23 20:05	375-73-5	
Perfluorodecanoic acid	0.00096U	ug/L	0.0019	0.00096	1	03/23/23 18:03	03/24/23 20:05	335-76-2	
Perfluorohexanoic acid	0.010	ug/L	0.0019	0.0013	1	03/23/23 18:03	03/24/23 20:05	307-24-4	
Perfluorododecanoic acid	0.0014U	ug/L	0.0019	0.0014	1	03/23/23 18:03	03/24/23 20:05	307-55-1	
Perfluoroheptanoic acid	0.0061	ug/L	0.0019	0.0010	1	03/23/23 18:03	03/24/23 20:05	375-85-9	
Perfluorohexanesulfonic acid	0.0016J	ug/L	0.0019	0.00073	1	03/23/23 18:03	03/24/23 20:05	355-46-4	
Perfluorononanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/23/23 18:03	03/24/23 20:05	375-95-1	
Perfluorooctanesulfonic acid	0.0030	ug/L	0.0019	0.0012	1	03/23/23 18:03	03/24/23 20:05	1763-23-1	
Perfluorooctanoic acid	0.019	ug/L	0.0019	0.00087	1	03/23/23 18:03	03/24/23 20:05	335-67-1	
Perfluorotetradecanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/23/23 18:03	03/24/23 20:05	376-06-7	
Perfluorotridecanoic acid	0.0017U	ug/L	0.0019	0.0017	1	03/23/23 18:03	03/24/23 20:05	72629-94-8	
Perfluoroundecanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/23/23 18:03	03/24/23 20:05	2058-94-8	
Surrogates									
13C2-PFDA (S)	94	%	70-130		1	03/23/23 18:03	03/24/23 20:05		
13C2-PFHxA (S)	93	%	70-130		1	03/23/23 18:03	03/24/23 20:05		
NEtFOSAA-d5 (S)	94	%	70-130		1	03/23/23 18:03	03/24/23 20:05		
HFPO-DAS (S)	89	%	70-130		1	03/23/23 18:03	03/24/23 20:05		

Sample: DE-02416 Kitchen Sink **Lab ID: 35787501002** Collected: 03/21/23 10:22 Received: 03/22/23 11:00 Matrix: Drinking Water
FRB

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 256.74 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.0016U	ug/L	0.0019	0.0016	1	03/26/23 10:48	03/27/23 22:47	763051-92-9	
9CI-PF3ONS	0.0011U	ug/L	0.0019	0.0011	1	03/26/23 10:48	03/27/23 22:47	756426-58-1	
ADONA	0.00072U	ug/L	0.0019	0.00072	1	03/26/23 10:48	03/27/23 22:47	919005-14-4	
HFPO-DA	0.0016U	ug/L	0.0019	0.0016	1	03/26/23 10:48	03/27/23 22:47	13252-13-6	
NEtFOSAA	0.00093U	ug/L	0.0019	0.00093	1	03/26/23 10:48	03/27/23 22:47	2991-50-6	
NMeFOSAA	0.0016U	ug/L	0.0019	0.0016	1	03/26/23 10:48	03/27/23 22:47	2355-31-9	
Perfluorobutanesulfonic acid	0.00066U	ug/L	0.0019	0.00066	1	03/26/23 10:48	03/27/23 22:47	375-73-5	
Perfluorodecanoic acid	0.00096U	ug/L	0.0019	0.00096	1	03/26/23 10:48	03/27/23 22:47	335-76-2	
Perfluorohexanoic acid	0.0013U	ug/L	0.0019	0.0013	1	03/26/23 10:48	03/27/23 22:47	307-24-4	
Perfluorododecanoic acid	0.0015U	ug/L	0.0019	0.0015	1	03/26/23 10:48	03/27/23 22:47	307-55-1	

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
 without the written consent of Pace Analytical Services, LLC.

ANALYTICAL RESULTS

Project: PFAS_537.1 DE 02416

Pace Project No.: 35787501

Sample: DE-02416 Kitchen Sink FRB **Lab ID: 35787501002** Collected: 03/21/23 10:22 Received: 03/22/23 11:00 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 256.74 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
Perfluoroheptanoic acid	0.0010U	ug/L	0.0019	0.0010	1	03/26/23 10:48	03/27/23 22:47	375-85-9	
Perfluorohexanesulfonic acid	0.00073U	ug/L	0.0019	0.00073	1	03/26/23 10:48	03/27/23 22:47	355-46-4	
Perfluorononanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/26/23 10:48	03/27/23 22:47	375-95-1	
Perfluorooctanesulfonic acid	0.0012U	ug/L	0.0019	0.0012	1	03/26/23 10:48	03/27/23 22:47	1763-23-1	
Perfluorooctanoic acid	0.00087U	ug/L	0.0019	0.00087	1	03/26/23 10:48	03/27/23 22:47	335-67-1	
Perfluorotetradecanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/26/23 10:48	03/27/23 22:47	376-06-7	
Perfluorotridecanoic acid	0.0017U	ug/L	0.0019	0.0017	1	03/26/23 10:48	03/27/23 22:47	72629-94-8	
Perfluoroundecanoic acid	0.0019U	ug/L	0.0019	0.0019	1	03/26/23 10:48	03/27/23 22:47	2058-94-8	
Surrogates									
13C2-PFDA (S)	93	%	70-130		1	03/26/23 10:48	03/27/23 22:47		
13C2-PFHxA (S)	93	%	70-130		1	03/26/23 10:48	03/27/23 22:47		
NEtFOSAA-d5 (S)	92	%	70-130		1	03/26/23 10:48	03/27/23 22:47		
HFPO-DAS (S)	86	%	70-130		1	03/26/23 10:48	03/27/23 22:47		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Brandywine Wallace Elementary
 Pace Project No.: 35859955

Sample: Brandywine Elem 1150572 Lab ID: 35859955001 Collected: 02/08/24 09:35 Received: 02/13/24 10:45 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 287.23 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.0014U	ug/L	0.0017	0.0014	1	02/14/24 04:33	02/18/24 22:28	763051-92-9	
9CI-PF3ONS	0.0010U	ug/L	0.0017	0.0010	1	02/14/24 04:33	02/18/24 22:28	756426-58-1	
ADONA	0.00064U	ug/L	0.0017	0.00064	1	02/14/24 04:33	02/18/24 22:28	919005-14-4	
HFPO-DA	0.0015U	ug/L	0.0017	0.0015	1	02/14/24 04:33	02/18/24 22:28	13252-13-6	
NEtFOSAA	0.00083U	ug/L	0.0017	0.00083	1	02/14/24 04:33	02/18/24 22:28	2991-50-6	
NMeFOSAA	0.0014U	ug/L	0.0017	0.0014	1	02/14/24 04:33	02/18/24 22:28	2355-31-9	
Perfluorobutanesulfonic acid	0.0039	ug/L	0.0017	0.00059	1	02/14/24 04:33	02/18/24 22:28	375-73-5	
Perfluorodecanoic acid	0.00086U	ug/L	0.0017	0.00086	1	02/14/24 04:33	02/18/24 22:28	335-76-2	
Perfluorohexanoic acid	0.0082	ug/L	0.0017	0.0011	1	02/14/24 04:33	02/18/24 22:28	307-24-4	
Perfluorododecanoic acid	0.0013U	ug/L	0.0017	0.0013	1	02/14/24 04:33	02/18/24 22:28	307-55-1	
Perfluoroheptanoic acid	0.0041	ug/L	0.0017	0.00090	1	02/14/24 04:33	02/18/24 22:28	375-85-9	
Perfluorohexanesulfonic acid	0.0012J	ug/L	0.0017	0.00065	1	02/14/24 04:33	02/18/24 22:28	355-46-4	
Perfluorononanoic acid	0.0017U	ug/L	0.0017	0.0017	1	02/14/24 04:33	02/18/24 22:28	375-95-1	
Perfluorooctanesulfonic acid	0.0025	ug/L	0.0017	0.0011	1	02/14/24 04:33	02/18/24 22:28	1763-23-1	
Perfluorooctanoic acid	0.012	ug/L	0.0017	0.00078	1	02/14/24 04:33	02/18/24 22:28	335-67-1	
Perfluorotetradecanoic acid	0.0017U	ug/L	0.0017	0.0017	1	02/14/24 04:33	02/18/24 22:28	376-06-7	
Perfluorotridecanoic acid	0.0015U	ug/L	0.0017	0.0015	1	02/14/24 04:33	02/18/24 22:28	72629-94-8	
Perfluoroundecanoic acid	0.0017U	ug/L	0.0017	0.0017	1	02/14/24 04:33	02/18/24 22:28	2058-94-8	
Surrogates									
13C2-PFDA (S)	88	%	70-130		1	02/14/24 04:33	02/18/24 22:28		
13C2-PFHxA (S)	95	%	70-130		1	02/14/24 04:33	02/18/24 22:28		
NEtFOSAA-d5 (S)	91	%	70-130		1	02/14/24 04:33	02/18/24 22:28		
HFPO-DAS (S)	87	%	70-130		1	02/14/24 04:33	02/18/24 22:28		

Sample: FRB-Brandywine Elem 1150572 Lab ID: 35859955002 Collected: 02/08/24 09:35 Received: 02/13/24 10:45 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 274.36 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
11CI-PF3OUdS	0.0015U	ug/L	0.0018	0.0015	1	02/14/24 04:33	02/18/24 22:44	763051-92-9	
9CI-PF3ONS	0.0011U	ug/L	0.0018	0.0011	1	02/14/24 04:33	02/18/24 22:44	756426-58-1	
ADONA	0.00067U	ug/L	0.0018	0.00067	1	02/14/24 04:33	02/18/24 22:44	919005-14-4	
HFPO-DA	0.0015U	ug/L	0.0018	0.0015	1	02/14/24 04:33	02/18/24 22:44	13252-13-6	
NEtFOSAA	0.00087U	ug/L	0.0018	0.00087	1	02/14/24 04:33	02/18/24 22:44	2991-50-6	
NMeFOSAA	0.0015U	ug/L	0.0018	0.0015	1	02/14/24 04:33	02/18/24 22:44	2355-31-9	
Perfluorobutanesulfonic acid	0.00062U	ug/L	0.0018	0.00062	1	02/14/24 04:33	02/18/24 22:44	375-73-5	
Perfluorodecanoic acid	0.00090U	ug/L	0.0018	0.00090	1	02/14/24 04:33	02/18/24 22:44	335-76-2	
Perfluorohexanoic acid	0.0012U	ug/L	0.0018	0.0012	1	02/14/24 04:33	02/18/24 22:44	307-24-4	
Perfluorododecanoic acid	0.0014U	ug/L	0.0018	0.0014	1	02/14/24 04:33	02/18/24 22:44	307-55-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Brandywine Wallace Elementary
 Pace Project No.: 35859955

Sample: FRB-Brandywine Elem 1150572 Lab ID: 35859955002 Collected: 02/08/24 09:35 Received: 02/13/24 10:45 Matrix: Drinking Water

Parameters	Results	Units	PQL	MDL	DF	Prepared	Analyzed	CAS No.	Qual
537.1 PFAS Compounds, Water									
Analytical Method: EPA 537.1 Preparation Method: EPA 537.1									
Initial Volume/Weight: 274.36 mL Final Volume/Weight: 1 mL									
Pace Analytical Services - Ormond Beach									
Perfluoroheptanoic acid	0.00094U	ug/L	0.0018	0.00094	1	02/14/24 04:33	02/18/24 22:44	375-85-9	
Perfluorohexanesulfonic acid	0.00068U	ug/L	0.0018	0.00068	1	02/14/24 04:33	02/18/24 22:44	355-46-4	
Perfluorononanoic acid	0.0018U	ug/L	0.0018	0.0018	1	02/14/24 04:33	02/18/24 22:44	375-95-1	
Perfluorooctanesulfonic acid	0.0011U	ug/L	0.0018	0.0011	1	02/14/24 04:33	02/18/24 22:44	1763-23-1	
Perfluorooctanoic acid	0.00081U	ug/L	0.0018	0.00081	1	02/14/24 04:33	02/18/24 22:44	335-67-1	
Perfluorotetradecanoic acid	0.0017U	ug/L	0.0018	0.0017	1	02/14/24 04:33	02/18/24 22:44	376-06-7	
Perfluorotridecanoic acid	0.0016U	ug/L	0.0018	0.0016	1	02/14/24 04:33	02/18/24 22:44	72629-94-8	
Perfluoroundecanoic acid	0.0018U	ug/L	0.0018	0.0018	1	02/14/24 04:33	02/18/24 22:44	2058-94-8	
Surrogates									
13C2-PFDA (S)	91	%	70-130		1	02/14/24 04:33	02/18/24 22:44		
13C2-PFHxA (S)	95	%	70-130		1	02/14/24 04:33	02/18/24 22:44		
NEtFOSAA-d5 (S)	89	%	70-130		1	02/14/24 04:33	02/18/24 22:44		
HFPO-DAS (S)	88	%	70-130		1	02/14/24 04:33	02/18/24 22:44		

REPORT OF LABORATORY ANALYSIS

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Results Report

Order ID: 4C03103

Miller & Sons Water Conditioning
2021 Horseshoe Road
Lancaster, PA 17602

Project: Brandywine Wallace - SDWA PFAS 537

Attn: Mary Burke

Sample Number: 4C03103-01	Site: EP 101	Sample ID: Kitchen Sink
Collector: DLP	Collect Date: 05/09/2024 12:40 pm	Sample Type: E
Sample Regulatory ID: 1150572	SDWA Reporting IDs: (101 / R / E)	

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	3.09	ng/L	EPA 537.1	1.57	1	05/21/24	MPL	05/23/24 16:57	RJS
PFOA	14.4	ng/L	EPA 537.1	1.69	1	05/21/24	MPL	05/23/24 16:57	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	30.1	ng/L	EPA 537.1	89%	1	70-130	05/23/24 16:57
Surrogate: 13C2-PFDA	29.1	ng/L	EPA 537.1	86%	1	70-130	05/23/24 16:57
Surrogate: d5-NEtFOSAA	119	ng/L	EPA 537.1	88%	1	70-130	05/23/24 16:57
Surrogate: 13C3-HFPO-DA	26.7	ng/L	EPA 537.1	79%	1	70-130	05/23/24 16:57

Sample Number: 4C03103-02	Site: EP 101 - FRB	Sample ID: Kitchen Sink
Collector: DLP	Collect Date: 05/09/2024 12:42 pm	Sample Type: Grab
Sample Regulatory ID: 1150572	SDWA Reporting IDs: (FRB / /)	

Department / Test / Parameter	Result	Units	Method	R.L.	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	< 1.59	ng/L	EPA 537.1	1.59	1	05/21/24	MPL	05/24/24 0:03	RJS
PFOA	< 1.72	ng/L	EPA 537.1	1.72	1	05/21/24	MPL	05/24/24 0:03	RJS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	32.0	ng/L	EPA 537.1	93%	1	70-130	05/24/24 0:03
Surrogate: 13C2-PFDA	30.4	ng/L	EPA 537.1	88%	1	70-130	05/24/24 0:03
Surrogate: d5-NEtFOSAA	120	ng/L	EPA 537.1	87%	1	70-130	05/24/24 0:03
Surrogate: 13C3-HFPO-DA	30.6	ng/L	EPA 537.1	89%	1	70-130	05/24/24 0:03

Sample Receipt Conditions:

Information on the sample labels did not match the information on the COC.

Report Generated On: 05/24/2024 4:04 pm 4C03103
STL_Results Revision #2.2 Effective: 01/19/2024





Results Report

Order ID: 4F05778

Miller & Sons Water Conditioning
2021 Horseshoe Road
Lancaster, PA 17602

Project: Brandywine Wallace - SDWA PFAS 537

Attn: Mary Salgado

Sample Number: 4F05778-01

Site: EP 101

Sample ID:

Collector: JP

Collect Date: 08/20/2024 10:15 am

Sample Type: E

Sample Regulatory ID: 1150572

SDWA Reporting IDs: (101 / R / E)

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	4.16	ng/L	EPA 537.1	1.62		1	08/22/24	MPL	08/26/24 23:17	MWS
PFOA	12.3	ng/L	EPA 537.1	1.75		1	08/22/24	MPL	08/26/24 23:17	MWS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	28.2	ng/L	EPA 537.1	81%	1	70-130	08/26/24 23:17
Surrogate: 13C2-PFDA	27.0	ng/L	EPA 537.1	77%	1	70-130	08/26/24 23:17
Surrogate: d5-NEtFOSAA	101	ng/L	EPA 537.1	72%	1	70-130	08/26/24 23:17
Surrogate: 13C3-HFPO-DA	27.2	ng/L	EPA 537.1	78%	1	70-130	08/26/24 23:17

Sample Number: 4F05778-02

Site: EP 101 - FRB

Sample ID:

Collector: JP

Collect Date: 08/20/2024 10:15 am

Sample Type: Grab

Sample Regulatory ID: 1150572

SDWA Reporting IDs: (FRB / /)

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	< 1.59	ng/L	EPA 537.1	1.59		1	08/28/24	MPL	09/03/24 11:31	MWS
PFOA	< 1.72	ng/L	EPA 537.1	1.72		1	08/28/24	MPL	09/03/24 11:31	MWS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	29.4	ng/L	EPA 537.1	85%	1	70-130	09/03/24 11:31
Surrogate: 13C2-PFDA	31.0	ng/L	EPA 537.1	90%	1	70-130	09/03/24 11:31
Surrogate: d5-NEtFOSAA	112	ng/L	EPA 537.1	81%	1	70-130	09/03/24 11:31
Surrogate: 13C3-HFPO-DA	24.4	ng/L	EPA 537.1	71%	1	70-130	09/03/24 11:31

Report Generated On: 09/04/2024 3:37 pm

4F05778

STL_Results Revision #3.0

Effective: 05/29/2024





Results Report

Order ID: 4K03905

Miller & Sons Water Conditioning
2021 Horseshoe Road
Lancaster, PA 17602

Project: Brandywine Wallace - SDWA PFAS 537

Attn: Kelli Phelps

Sample Number: 4K03905-01	Site: EP 101	Sample ID:
Collector: MAX	Collect Date: 11/14/2024 2:45 pm	Sample Type: E
Sample Regulatory ID: 1150572	SDWA Reporting IDs: (101 / R / E)	

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	4.01	ng/L	EPA 537.1	1.58		1	11/18/24	MPL	11/21/24 22:59	MWS
PFOA	15.8	ng/L	EPA 537.1	1.71		1	11/18/24	MPL	11/21/24 22:59	MWS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	29.5	ng/L	EPA 537.1	86%	1	70-130	11/21/24 22:59
Surrogate: 13C2-PFDA	28.1	ng/L	EPA 537.1	82%	1	70-130	11/21/24 22:59
Surrogate: d5-NEtFOSAA	116	ng/L	EPA 537.1	85%	1	70-130	11/21/24 22:59
Surrogate: 13C3-HFPO-DA	25.3	ng/L	EPA 537.1	74%	1	70-130	11/21/24 22:59

Sample Number: 4K03905-02	Site: EP 101 - FRB	Sample ID:
Collector: MAX	Collect Date: 11/14/2024 2:40 pm	Sample Type: Grab
Sample Regulatory ID: 1150572	SDWA Reporting IDs: (FRB / /)	

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
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Semivolatiles

PFAS, 537.1

PFOS	< 1.57	ng/L	EPA 537.1	1.57		1	11/25/24	MPL	11/26/24 1:54	MWS
PFOA	< 1.70	ng/L	EPA 537.1	1.70		1	11/25/24	MPL	11/26/24 1:54	MWS

Surrogate Recoveries	Results	Units	Method	%Recovery	DF	Limits (%Recovery)	Analysis Date
Surrogate: 13C2-PFHxA	26.9	ng/L	EPA 537.1	79%	1	70-130	11/26/24 1:54
Surrogate: 13C2-PFDA	27.0	ng/L	EPA 537.1	79%	1	70-130	11/26/24 1:54
Surrogate: d5-NEtFOSAA	104 X	ng/L	EPA 537.1	76%	1	70-130	11/26/24 1:54
Surrogate: 13C3-HFPO-DA	28.4	ng/L	EPA 537.1	84%	1	70-130	11/26/24 1:54

Report Generated On: 11/27/2024 12:32 pm 4K03905
 STL_Results Revision #3.0 Effective: 05/29/2024



Respondent's Name:
Brenda L. Lewandowski
Manager New Business
Aqua Pennsylvania, Inc.
December 2, 2025

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-11

A-11 Please clarify how approval of this Application is in the public interest.

Response: As stated in the application, there is a need for public water in the Requested Territory. Economies of scale of an expanded customer base has a beneficial effect on existing customers. More importantly, it has been demonstrated that both PFOA and PFOS are present in the Brandywine Elementary School's water supply and Aqua is underway with planning and design to treat eleven of its wells in the two systems that supply water to the Requested Territory. Approving the Requested Territory is prudent and eliminates future time and expense to respond to and provide service to homeowners in the Requested Territory without having to undertake additional applications for territory. The additional areas of the Requested Territory were requested and endorsed by the East Brandywine Township as shown in Attachment D to the Application.

Respondent's Name:
Brenda L. Lewandowski
Manager New Business
Aqua Pennsylvania, Inc.
December 2, 2025

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2025-3057896
Data Request A-12

A-12 Please clarify whether East Brandywine Township has a mandatory connection ordinance for water service.

Response: The Company has reviewed the East Brandywine Township code and, after reasonable review, the Township does not have a mandatory connection ordinance.

VERIFICATION

I, Brenda Lewandowski, Manager, New Business of Aqua Pennsylvania, Inc., hereby state that the facts set forth in Aqua Pennsylvania, Inc.'s Responses to the Bureau of Technical Utility Services Data Requests Set 1 in the matter at Docket No. A-2025-3057896, are true and correct to the best of my knowledge, information and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).



Brenda Lewandowski
Manager, New Business
Aqua Pennsylvania, Inc.

Dated: December 2, 2025