



July 29, 2022

Via Electronic Filing

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

In Re: Docket No. A-2022-3031498
Application of Aqua Pennsylvania, Inc. – Mount Joy Township

Dear Secretary Chiavetta:

I am Vice President and Senior Managing Counsel for Aqua Pennsylvania, Inc., in the above matter and I am submitting, via electronic filing with this letter, the Company's responses to the Bureau of Technical Utility Services Data Request Set 1, Nos. A-1 through A-12. Please contact me with any questions.

Very truly yours,

A handwritten signature in black ink that reads "Frances P. Orth".

Frances P. Orth
Vice-President and Sr. Managing Counsel
Aqua Pennsylvania Wastewater, Inc.

cc: Clint McKinley, TUS (via email, w/encl.)
David C. McIntyre (w/encl.)
Richard Kanaskie Esq. (via email, w/encl.)
Christine Maloni Hoover, Esq. (via email, w/encl.)
Teresa Wagner (via email, w/encl.)

Respondent's Name:
David C. McIntyre
Manager New Business and Contract Operations
Aqua Pennsylvania, Inc.
July 29, 2022

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2022-3031498
Data Request A-1

A-1 The Application's Attachment D consisted of a copy of a letter from the Mount Joy Township Board of Supervisors (MJT Supervisors) dated February 18, 2022, that indicated a subdivision plan titled "The Links of Gettysburg Planned Golf Community-Preliminary Subdivision Plan for Wade Run Community" (Wade Run) is pending before the MJT Supervisors. Please provide an update on the subject plan's approval status along with a copy of any municipal approval letters evidencing the referenced subdivision plan received preliminary or final approval from MJT Supervisors.

Response: As of the date of this response, MJT's Zoning and Planning offices continue their review of the development and therefore this project has not been granted preliminary or final plan approval from MJT's Supervisors.

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Data Request A-2

A-2 The Application indicated the Links of Gettysburg Land Company (Builder) will fund and install a water distribution system to serve a development to be called the Wade Run Community (Wade Run). The Application at Page 2 indicated the facilities to be installed include 454 feet of four-inch diameter ductile iron pipe main, 1,593 feet of two-inch diameter high density polyethylene main, six fire hydrants, 99 one-inch diameter domestic service connections and one two-inch diameter commercial service connection (Extension Project). Considering these proposed facilities please provide response to the following:

- a. Describe the proposed use for the proposed water mains less than six inches in diameter.**
- b. Explain how the proposed mains less than six-inch diameter comply with 52 Pa. Code § 65.17(b).**
- c. Identify the materials of the proposed domestic and commercial service connections and reconfirm the diameter of the service types as Application at Page 3 indicates 5/8-inch diameter residential services.**
- d. Clarify if Aqua has received an application for hydrant service in the requested service territory or if Aqua will require the Builder to complete a separate application for fire hydrant service or address hydrant service in the Builder's Extension Agreement, referenced in the Application at Page 2, Section 5.**
- e. Clarify the monthly rate applicable to fire hydrant service within the requested service territory and verify compliance with Aqua's effective tariff.**

Response:

- a. 4-inch and 2-inch mains are proposed in small courts where there are no fire hydrants, and minimal connections. 4-inch main is used in one court with 11 homes and the 2-inch mains are used for courts with between 3 and 5 homes only. The reduced main sizes allow the pipes to loop around landscape islands and eliminate lengthy services under those islands. In addition, the smaller mains promote better water quality by reducing water age and thereby promoting better chlorine residual retention in those areas.**

- b. The proposed mains less than 6-inch diameter are consistent with 52 Pa. Code § 65.17(b) since in all cases, the lines are within courts or cul-de-sacs, cannot be extended further and are less than 250 feet in length.**
- c. There is no “application for fire hydrant service” required. Fire hydrants are incorporated into the design plans and installed as part of the “extension project” under the Builder’s Extension Agreement.**
- d. The annual rate for each of the six private fire hydrants was stated to be \$552 / year or \$3,312.00 total per year for all six in paragraph 15 of the Application. Under Aqua’s current tariff, the monthly rate has increased from \$46 / month to \$51.10 / FH or \$613.20 per year per FH.**

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Data Request A-3

A-3 Please provide a detailed breakdown, by major plant category, of the estimated \$1,130,000 cost to install the Extension Project as identified in the Application at Page 3, Section 7.

Response: The engineer's estimate of probable costs was broken down as follows:

Water Mains: \$876,000
Fire Hydrants: \$36,000
Water Services: \$218,000

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Data Request A-4

A-4 Please identify and quantify any special devices (i.e. backflow preventer, check valve, pressure reducing valve, etc.) as defined by Aqua's effective tariff at Original Page 43, that the Builder will be required to install for each connection within the requested service territory.

Response: For residential homes, each is required to install a non-testable residential check valve. The commercial property will be required to install a testable backflow preventer. Static pressures in the requested territory will average approximately 65 psi. Therefore, pressure reducing valves will not be required on any service.

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Docket No. A-2022-3031498
Data Request A-5

A-5 Please quantify the estimated cost Aqua expects to incur to install the residential and commercial meters referred to on Page 3, Section 8 of the Application.

Response: Each 5/8" meter will incur a cost of \$168 for the material and installation or \$16,632 total for all 99 residential properties. The 2" meter has a total installed cost of \$556.

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Data Request A-6

A-6 Much of the text on the two plans depicting the preliminary subdivision and associated utilities in the Application's Attachment F is not legible. Please provide a legible copy of the two plans that are in vector graphics form.

Response: Larger plans are provided as requested.



LEGEND

- Building Foot Print
- Existing Building Foot Print
- Proposed Building Foot Print
- Proposed 5' Wide X 6' Deep
- Proposed 4' Wide X 6' Deep
- Proposed 3' Wide X 6' Deep
- Proposed 2' Wide X 6' Deep
- Proposed 1' Wide X 6' Deep
- Proposed 1/2' Wide X 6' Deep
- Proposed 1/4' Wide X 6' Deep
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- Proposed 1/56539083093386902566623149559201296' Wide X 6' Deep
- Proposed 1/113078166186773805133246299118402592' Wide X 6' Deep
- Proposed 1/226156332373547610266492598236805184' Wide X 6' Deep
- Proposed 1/452312664747095220532985196473601024' Wide X 6' Deep
- Proposed 1/904625329494190441065970392947202048' Wide X 6' Deep
- Proposed 1/180925065998838088213117407594404096' Wide X 6' Deep
- Proposed 1/361850131997676176426234815198808192' Wide X 6' Deep
- Proposed 1/723700263995352352852469623397616384' Wide X 6' Deep
- Proposed 1/144740052799070470570493926799532768' Wide X 6' Deep
- Proposed 1/289480105598140941140987853599065536' Wide X 6' Deep
- Proposed 1/578960211196281882281975707198131072' Wide X 6' Deep
- Proposed 1/1157920422392563764563951414396262144' Wide X 6' Deep
- Proposed 1/2315840844785127529127902828792524288' Wide X 6' Deep
- Proposed 1/4631681689570255058255805657585048576' Wide X 6' Deep
- Proposed 1/9263363379140510116511111315170097152' Wide X 6' Deep
- Proposed 1/185267267582810202322222263023401944' Wide X 6' Deep
- Proposed 1/370534

Respondent's Name:
David C. McIntyre
Manager New Business and Contract Operations
Aqua Pennsylvania, Inc.
July 29, 2022

BUREAU OF TECHNICAL UTILITY SERVICES
WATER/WASTEWATER INDUSTRY GROUP
Aqua Pennsylvania, Inc.
Docket No. A-2022-3031498
Data Request A-7

A-7 Adams County Parcel Identification Number 30G18-0010---000 appears to be included in the requested territory and appears to contain an existing structure. Please confirm the noted parcel is to be included in the requested territory and identify the intended future use. Additionally, identify if Aqua intends to or has received a request to provide water service to this property.

Response: The parcel in question is part of the Development and was intended to be included in the requested territory. This parcel, known as the Farmstead Lot, is the area where the proposed commercial building (i.e. hotel / event center) is shown on the plan provided in the Application at Attachment F and therefore was part of the overall request for water service by the Builder.

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Docket No. A-2022-3031498
Data Request A-8

A-8 The Application's Attachment G consisted of a copy of a Standard Form of Aqua's Builder's Extension Agreement which included an Attachment C "Preliminary Cost Estimate for Extension Project." Please provide a pro forma copy of Attachment C identifying the estimated values for the subparts a. through d. which identify the construction cost to Builder, Aqua administration fee, Aqua value-added fee, and Total Project Cost to Builder, estimated values for the subparts listed.

Response: Probable project costs provided by Engineer. A 75% / 25% allocation of installation / material costs was utilized for this request. Aqua fees based on 7,733 total footages of main.

Attachment C

Preliminary Cost Estimate for Extension Project

Summary of Builder's Costs:

a. Construction Cost to Builder:

Material:	\$282,500.00
Installation:	\$847,500.00
Restoration:	\$00.00

Builder's Construction Sub-total: \$1,130,000.00

b. Aqua Administration Fee \$35,661.85

c. Aqua Value-added Fee \$25,865.75

Administrative / Value Added Sub-total: \$61,527.60

d. Total Project Cost to Builder: \$1,191,527.60

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Docket No. A-2022-3031498
Data Request A-9

A-9 Please quantify the estimated refund Aqua may be obligated to pay the Builder over a five-year period as identified in Exhibit 3 of the Builder's Extension Agreement provided as the Application's Attachment G.

Response: The maximum total refund Aqua Pennsylvania could be obligated to pay is \$200,000.00. This is based on 100 total metered connections becoming customers within five (5) years of the contract date. Each metered connection would then be eligible for a "35-foot refund" which is described in more detail in Exhibit 3 of the Builder's Extension Agreement. These refunds will be capped at \$2,000.00 per metered connection. Therefore, the total refund obligation could be 100 metered connections x \$2,000.00. It should be noted that each 35-foot refund would be paid over five years (20%), or \$400 per year, starting the first calendar year after each meter was installed.

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Aqua Pennsylvania, Inc.
Docket No. A-2022-3031498
Data Request A-10

A-10 The estimated annual revenue identified in the Application at Page 5, Section 16, was calculated using Aqua's previously effective water tariff rates. Please provide a revised calculation of the estimated annual revenue for providing water service in the requested service territory using the rates identified in Aqua's current effective tariff.

Response:

Residential Class Customers – 3,750 Gallons Per Month / Unit

Monthly Customer Charge: \$20.51

Consumption Charge up to 2,000 gallons (\$13.05 / 1,000 gal): \$26.10

Consumption Charge remaining 1,750 gallons (\$15.451 / 1,000 gal): \$27.04

Total Monthly Bill / Home: \$73.65

Total Annual Bill / Home: \$883.79

Annual Revenue for 99 new homes: \$87,495.31

Hotel / Event Center – 165,000 Gallons Per Month

Monthly Customer Charge: \$164.00¹

Consumption Charge up to 10,000 gallons (\$14.02 / 1,000 gal): \$140.17

Consumption Charge next 23,300 gallons (\$12.315 / 1,000 gal): \$286.94

Consumption Charge next 333,300 gallons (\$10.217 / 1,000 gal): \$1,345.58

Consumption Charge over 333,300 gallons (\$7.94 / 1,000 gal): \$0.00

Total Monthly Bill: \$1,936.69

Total Annual Bill: \$23,240.26

¹ In the Application, the 3-inch meter monthly customer charge (\$368.00) was used in the calculation instead of the 2-inch meter charge. The revised calculation for current tariff rates has been corrected to use the 2-inch meter monthly charge.

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Aqua Pennsylvania, Inc.
Docket No. A-2022-3031498
Data Request A-11

A-11 Please explain how approval of the Application would benefit existing Aqua customers.

Response: As offered in the application, approval of this Application is necessary and proper because there is a need for public water service in the Requested Territory, and the Applicant is fit to provide that service. Aqua will also expand its customer base through this territory expansion thereby allowing operating costs to be shared among more customers which will benefit Aqua's existing customers.

Respondent's Name:
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July 29, 2022

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Aqua Pennsylvania, Inc.
Docket No. A-2022-3031498
Data Request A-12

A-12 Please explain how approval of the Application would be in the public interest.

Response: As offered in the application, approval of this Application is necessary and proper because there is a need for public water service in the Requested Territory, and the Applicant is fit to provide that service. Aqua will also expand its customer base through this territory expansion thereby allowing operating costs to be shared among more customers which will benefit Aqua's existing customers. There is, moreover, a need for service and Aqua is fit to provide the service. More specifically, Aqua received a request to provide public water service to an additional area of an existing residential community to which Aqua already provides water service. No other water utility or authority exists to provide alternative service to this new area of the Development. Aqua is in the business to provide such service and offers its service based on its ability to provide the requested service.

VERIFICATION

I, David C. McIntyre, Manager New Business of Aqua Pennsylvania, Inc. hereby state that the facts set forth concerning Aqua Pennsylvania, Inc. in its Responses to the Bureau of Technical Utility Services Data Request Set 1, Nos. A-1 through A-12, 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).

Dated: July 29, 2022



David C. McIntyre
Manager, New Business