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File #: 203073

January 10, 2024

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street, 2nd Floor
P.O. Box 3265
Harrisburg, PA 17105-3265

**Re: Petition of Aqua Pennsylvania, Inc. For Approval of its Third Long-Term
Infrastructure Improvement Plan
Docket No. P-2023-3043755**

Dear Secretary Chiavetta:

Attached for filing please find the Supplemental Response of Aqua Pennsylvania, Inc. to the Set I Data Requests of the Bureau of Technical Utility Services in the above-referenced proceeding. Copies will be provided as indicated on the Certificate of Service.

Respectfully submitted,



Michael W. Hassell

MWH/kl
Attachment

cc: Ken Shaffer – TUS (*via email; w/attachment*)
Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant).

VIA E-MAIL AND FIRST-CLASS MAIL

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Date: January 10, 2024



Michael W. Hassell

PETITION OF AQUA PENNSYLVANIA, INC.

DOCKET NO. P-2023-3043755

BUREAU OF TECHNICAL UTILITY SERVICES

SET I DATA REQUESTS

TUS-I-2 Reference Exhibit A, Section 4: Location of Eligible Property

- a. Provide a detailed list of all water systems in each Aqua operating district (GPA, SEPA), that are eligible to have infrastructure replaced in the Third LTIP.
- b. Provide the specific eligible property to be replaced, by water system, as part of the Third LTIP.

SUPPLEMENTAL RESPONSE

- a. Below is a listing of all of Aqua’s systems by operating division:

Division	System Name
GPA	East Cameron
GPA	Kratzerville
GPA	Links at Gettysburg
GPA	Meribah
GPA	Mifflinville
GPA	Monroe Manor
GPA	Pennsview
GPA	Roaring Creek
GPA	Shenandoah
GPA	White Rock
GPA	Susquehanna
GPA	Belle Aire Acres*
GPA	Canal Acres
GPA	Elmbrook
GPA	Fawn Lake
GPA	Garden Hills
GPA	Gouldsboro

Division	System Name
GPA	Hawley
GPA	Honesdale
GPA	Jefferson Heights
GPA	Moscow
GPA	Mount Cobb
GPA	Mountainhome
GPA	Paupackan Lake Est
GPA	Pine Beach
GPA	Pinecrest Lake
GPA	SCI Waymart/FBOP
GPA	Tafton
GPA	Tanglwood Lakes
GPA	Tanglwood Motor Lodge
GPA	Tanglwood North
GPA	Twin Lakes Utilities*
GPA	Waymart
GPA	Wayne County Prison
GPA	Wild Pines
GPA	Woodledge
GPA	Woodmont
GPA	Applewood
GPA	Barrett
GPA	Beech Mountain
GPA	Brooklyn
GPA	Bunker Hill
GPA	Chinchilla
GPA	Christian Springs
GPA	Country Club Gardens
GPA	Deer Lake
GPA	Eagle Rock
GPA	Edgewood
GPA	Evanwood
GPA	Factoryville
GPA	Fieldcrest
GPA	Forest Park
GPA	Garbush
GPA	Glenburn
GPA	Golden Oaks
GPA	Greenbriar
GPA	Hamilton

Division	System Name
GPA	Hauler White Haven
GPA	Hex Acres
GPA	Hop Bottom
GPA	Laurel Lakes
GPA	Maple Hills
GPA	Midway Manor
GPA	Oakhill
GPA	Oneida
GPA	Penn Lake
GPA	Rhodes Terrace
GPA	Rivercrest
GPA	Robin Hood Lakes
GPA	Sand Springs
GPA	Shickshinny Lake
GPA	Springhouse Farms
GPA	St. Johns
GPA	Sun Valley
GPA	Sunset Hills
GPA	Thornhurst Country Club
GPA	Wapwallopen
GPA	Warden Place
GPA	Washington Park
GPA	White Haven
GPA	Yalick Farms
GPA	Clarendon
GPA	Crawford
GPA	Emlenton
GPA	Forest County Marienville Jenks Twp
GPA	Lake Latonka
GPA	Mahoning Township
GPA	Mt Jewett
GPA	Shenango
GPA	Venango*
GPA	Treasure Lake
SEPA	Bensalem
SEPA	Bristol
SEPA	Chalfont
SEPA	Hatboro
SEPA	Peddlers View
SEPA	Perkiomen Twp

Division	System Name
SEPA	East Pikeland
SEPA	East Pointe
SEPA	Flying Hills
SEPA	Franklin
SEPA	Friendship
SEPA	Geigertown
SEPA	Hillcrest Estates
SEPA	Honey Brook
SEPA	Ivy Ridge
SEPA	Main
SEPA	Meadowbrook
SEPA	Perkiomen Woods
SEPA	Spring Run
SEPA	Stonecroft
SEPA	Suburbia
SEPA	Superior Main
SEPA	Upper Providence
SEPA	Uwchlan
SEPA	West Chester
SEPA	Center Point Farm

* Under Receivership

- b. Please see the below table for specific property to be replaced in 2023 and 2024.

System Name	2023 Replacement				2024 Replacement			
	Mileage	Services	Valves	Hydrants	Mileage	Services	Valves	Hydrants
Bensalem	2	102	30	4	6	306	90	12
Bristol	0	0	0	0	1	51	15	2
Chalfont	1	51	15	2	0	0	0	0
Clarendon	0	0	0	0	0	0	0	0
Country Club Gardens	0	0	0	0	0	0	0	0
Crawford	0	0	0	0	1	51	15	2
Eagle Rock	0	0	0	0	1	51	15	2
East Pikeland	0	0	0	0	0	0	0	0
Edgewood	2	102	30	4	0	0	0	0
Fawn Lake	2	102	30	4	2	102	30	4
Fieldcrest	0	0	0	0	0	0	0	0
Flying Hills	0	0	0	0	0	0	0	0
Forest Park	0	0	0	0	1	51	15	2
Franklin	0	0	0	0	0	0	0	0

System Name	2023 Replacement				2024 Replacement			
	Mileage	Services	Valves	Hydrants	Mileage	Services	Valves	Hydrants
Friendship	0	0	0	0	3	153	45	6
Geigertown	0	0	0	0	0	0	0	0
Gouldsboro	0	0	0	0	0	0	0	0
Hatboro	0	0	0	0	1	51	15	2
Hawley	0	0	0	0	0	0	0	0
Honesdale	0	0	0	0	1	51	15	2
Honey Brook	0	0	0	0	0	0	0	0
Jenks Twp	0	0	0	0	0	0	0	0
Kratzerville	0	0	0	0	0	0	0	0
Lake Latonka	0	0	0	0	2	102	30	4
Laurel Lakes	0	0	0	0	0	0	0	0
Main	56	2856	840	112	47	2397	705	94
Maple Hills	0	0	0	0	0	0	0	0
Moscow	1	51	15	2	0	0	0	0
Mountainhome	0	0	0	0	0	0	0	0
Mt Jewett	0	0	0	0	0	0	0	0
Oneida	2	102	30	4	0	0	0	0
Paupackan Lake Estates	1	51	15	2	0	0	0	0
Penn Lake Park	0	0	0	0	0	0	0	0
Perkiomen Twp	0	0	0	0	0	0	0	0
Perkiomen Woods	0	0	0	0	0	0	0	0
Roaring Creek	4	204	60	8	5	255	75	10
Shenandoah	0	0	0	0	3	153	45	6
Shenango Franchise	2	102	30	4	0	0	0	0
Spring Run	2	102	30	4	0	0	0	0
Springhouse Farms	0	0	0	0	0	0	0	0
Suburbia	0	0	0	0	0	0	0	0
Superior Main	0	0	0	0	1	51	15	2
Susquehanna	0	0	0	0	1	51	15	2
Tanglwood North	1	51	15	2	4	204	60	8
Treasure Lake	1	51	15	2	0	0	0	0
Upper Providence	0	0	0	0	1	51	15	2
Uwchlan	0	0	0	0	0	0	0	0
West Chester	4	204	60	8	0	0	0	0
White Haven	0	0	0	0	0	0	0	0
White Rock Acres	0	0	0	0	0	0	0	0
Woodledge Village	0	0	0	0	1	51	15	2
Totals	81	4131	1215	162	82	4182	1230	164

For the later years of the Company’s LTIP, the Company’s planning process for DSIC eligible main replacements typically includes identification of projects for the following year, during the current year. The Company establishes and finalizes a budget for the DSIC eligible projects and then categorizes them into its GIS system. For larger or long-term projects those projects are identified and included in the Company’s five-year projected budget and categorized as DSIC eligible as applicable. In addition to known projects scheduled in the out years of the five-year budget, the Company includes estimates for additional projects based on pipe age, material and break rates. These estimates are then refined in the year prior to the year they are implemented.

In addition to the projects identified in the table above, the Company has planned major main replacement projects in the out years of the LTIP as follows:

Year	System	Estimated Footage	Description
2025	Main	4,388	Project needed to supply additional supply to distribution system
2025	Main	3,716	Project needed to replace old water main that is past its useful life. Project coordinated with overlapping PECO project to take advantage of cost savings
2025	Shenango	797	Project needed to meet increased customer demands
2025	Main	4,296	Project needed to replace old water main that is past its useful life. Project coordinated with overlapping PECO project to take advantage of cost savings
2025	Main	4,444	Project needed to replace old water main that is past its useful life.
2025	Perkiomen Township	8,855	Project needed to provide increased water quality and meet increased demand in distribution system.
2025	Main	5,733	Project needed to upsize existing mains for system reliability and customer demand.
2025	Main	8,055	Project needed to replace old water main that is past its useful life and consolidate parallel water mains.
2025	West Chester	345	Project needed to supply increased fire flow to distribution system
2025	Main	2,174	Project needed to replace old water main that is past its useful life.
2025	Shenango	1,034	Project needed to replace old water main that is past its useful life.

Year	System	Estimated Footage	Description
2025	Main	10,525	Project needed to replace old water main that is past its useful life. Project coordinated with overlapping township project to take advantage of cost savings
2025	Spring Run	10,760	Project needed to provide redundancy and system reliability in water system
2026	Spring Run	11,900	Project needed to provide redundancy and system reliability in water system
2025	Perkiomen Woods	8,781	Project needed to provide increased water quality.
2025	Perkiomen Woods	1,098	Project needed to provide increased water quality.
2025	Perkiomen Woods	9,771	Project needed to provide increased water quality.
2025	Perkiomen Township	6,664	Project needed to provide increased water quality and meet increased demand in distribution system.
2025	Perkiomen Township	7,176	Project needed to provide increased water quality and meet increased demand in distribution system.
2026	Main	1,644	Project needed to supply additional supply to distribution system
2026	Main	3,244	Project needed to replace old water main that is past its useful life in difficult location for maintenance.
2026	Main	4,097	Project needed to replace old water main that is past its useful life.
2026	Main	2,224	Project needed to upsize existing mains for system reliability and customer demand.
2026	Main	2,515	Project needed to replace old water main that is past its useful life.
2026	Main	4,977	Project needed to replace old water main that is past its useful life.
2026	Main	6,483	Project needed to replace old water main that is past its useful life.
2026	Main	6,985	Project needed to replace old water main that is past its useful life.

VERIFICATION

I, Michael Fili, Vice President, Capital Planning, Design & Construction of Aqua Pennsylvania, Inc., hereby state that the facts set forth in Aqua Pennsylvania, Inc.'s Supplemental Response to the Bureau of Technical Utility Services Data Requests Set 1 No. 2 in the matter at Docket No. P-2023-3043755, 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).



Michael Fili
Vice President, Capital Planning,
Design & Construction
Aqua Pennsylvania, Inc.

Dated: January 10, 2024