



**Elizabeth Rose Triscari**  
Director, Corporate Counsel  
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[elizabeth.triscari@amwater.com](mailto:elizabeth.triscari@amwater.com)

June 21, 2023

**VIA ELECTRONIC FILING**

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
400 North Street  
Harrisburg, PA 17105-3265

**In re: Application of Pennsylvania-American Water  
Company for Approval of the Right to Offer, Render,  
Furnish or Supply Water Service to the Public in an  
Additional Portion of Franklin Township, Adams  
County, Pennsylvania (Chambersburg Road)**

**Docket No. A-2022-3037221**

Dear Secretary Chiavetta:

In response to your letter dated May 11, 2023 attached for filing is Pennsylvania-American Water Company's responses to Data Request Set I, regarding the above referenced docket number.

Should you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Elizabeth Rose Triscari".

Elizabeth Rose Triscari

Enclosure

cc: All Parties on the Attached Certificate of Service (*via electronic mail*)  
Stephen DiFriece (*via electronic mail*)

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

**In re: Application of Pennsylvania-American Water Company for Approval of the Right to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania** :  
: **Docket No.**  
: **A-2022-3037221**  
:  
:

**CERTIFICATE OF SERVICE**

I hereby certify that I am this day serving the above-referenced Responses upon the persons and in the manner indicated below, which service satisfies the requirements of 52 Pa. Code §1.54 (relating to service by a party).

**Service in the manner listed below addressed as follows on June 21, 2023**

Patrick Cicero, Consumer Advocate  
Office of Consumer Advocate  
555 Walnut Street  
5<sup>th</sup> Floor, Forum Place  
Harrisburg, PA 17101-1923  
*(via electronic mail)*

NazAarah Sabree, Small Business Advocate  
Office of Small Business Advocate  
555 Walnut Street  
1<sup>st</sup> Floor, Forum Place  
Harrisburg, PA 17101  
*(via electronic mail)*

Richard Kanaskie, Director  
Pennsylvania Public Utility Commission  
Bureau of Investigation and Enforcement  
400 North Street  
PO Box 3265  
Harrisburg, PA 17105  
*(via electronic mail)*



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Elizabeth Rose Triscari, Esquire  
Attorney ID No. 306921  
Director, Corporate Counsel for  
Pennsylvania-American Water Company  
852 Wesley Drive  
Mechanicsburg, PA 17055  
Phone: 717-550-1574

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-1** In Application's Section III.5., PAWC-WD averred all portions of the requested service territory depicted on a map included in the Application's Exhibit B-1 (Service Territory Map) are owned by Michael and Sandra Baumgardner (Developer) and consists of approximately 6.8 acres (Parcel ID 12D10-0035-000 and 12D10-0038-000). However, the Commission notes that, in comparison with the on-line Adams County Tax Parcel Viewer ([https://mapping.adamscountypa.gov/apps/Public\\_Parcel\\_Viewer/](https://mapping.adamscountypa.gov/apps/Public_Parcel_Viewer/)), Exhibit B-1 appears to consist of Parcel IDs 12D10-0037-000 (.92 acres) and 12D10-0038A-000 (4.69 acres), which are owned by Roxey Ketterman and the Developers, respectively. Please explain the parcel area, ownership, and identification number information discrepancies and revise the Application's Section III.5. and the Application's Exhibit B- 1 as appropriate.

**Response:** The Application's Exhibit B-1 is correct and does not need to be revised. The Application's Section III.5 is hereby amended to clarify that Parcel 12D10-0035-000 is already located within PAWC's existing service area and should not be considered as part of this Application. The correct total acreage being requested is 5.61 acres and consists of Parcel IDs 12D10-0037-000 (.92 acres) owned by Roxey Ketterman and 12D10-0038A-000 (4.69 acres) owned by the Developers.

**Responsible Witness:** **Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

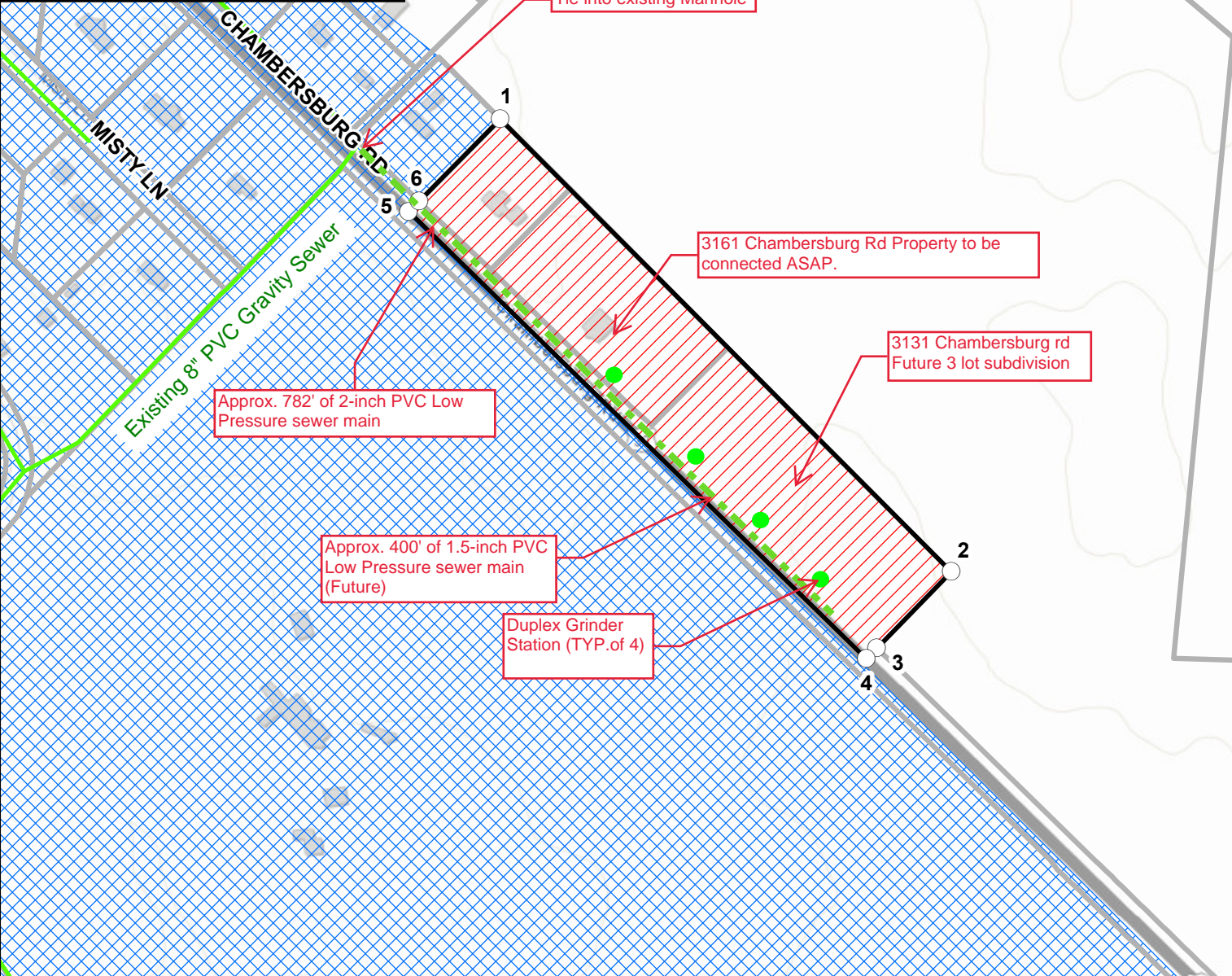
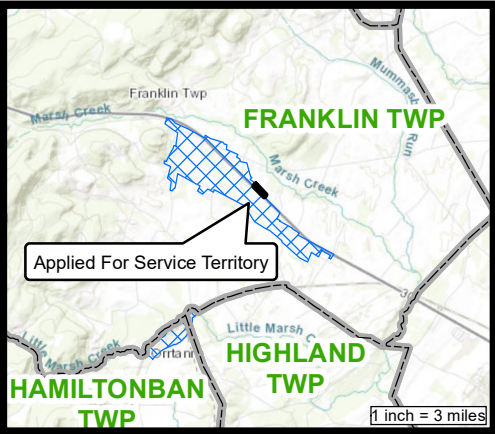
**A-2** The Service Territory Map does not identify the location or route of the proposed wastewater facilities. Please provide a copy of a map of suitable scale that identifies the planned location or route of the proposed wastewater collection facilities within the requested service territory.

**Response:** Please see the revised map at **Attachment A-2**.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

# Attachment A-2

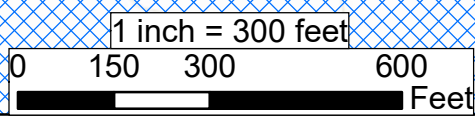


Pennsylvania-American Water Company  
Franklin Operating Area  
Proposed Service Territory Extension - Chambersburg Rd Approximately 5.61 Acres  
Franklin Twp, Adams County

852 Wesley Dr  
Mechanicsburg, PA 17055  
Drawn By: BG Checked By: Date: 9/20/2021

- Bearings and Distance Points
- Existing Main TO BE USED FOR REFERENCE ONLY
- ▨ Proposed Certificated Service Territory
- ▩ Existing PAWC Service Territory
- ▭ Adams County Parcels

Although every effort has been made to ensure the accuracy of the information, errors and conditions originating from physical sources to develop the Certificated Service Territory may be reflected in the data supplied.



Disclaimer: Bearings and distances (attached separately) were not developed as result of physical survey completed by a Professional Licensed Survey, but instead completed through employment of ESR's ArcGIS COGO tool.

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-3.** Please quantify the diameter, material type, and type of main (i.e., force or gravity) of the existing main depicted on the Service Territory Map.

**Response:** Please see the revised map at **Attachment A-2**.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

- A-4.** The Application's Section III.6. provided a table of wastewater facilities (Facilities Cost Table) that will be installed by PAWC-WD within the requested service territory, broken down by quantity, materials, and estimated costs. Additionally, the Application's Exhibit J included a copy of a table (Cost Estimate) that also provided the estimated construction costs and materials to construct the proposed main extension. Please provide responses to the following:
- a. In the Application's Section III.12., PAWC-WD indicated the PENNDOT Highway Permit needed to complete this work will cost \$100. However, the Facilities Cost Table indicated a cost of \$1,000 for a Highway Permit. Please revise the Facilities Cost Table and/or the Cost Estimate to reflect PAWC-WD's projected expenditures for the required Highway Permit;
  - b. The Facilities Cost Table and Cost Estimate included the cost to install four curb stops with boxes. Please confirm PAWC-WD intends to install curb stops on the low-pressure wastewater service lines. If not, please revise the Facilities Cost Table and Cost Estimate to remove the curb stops and boxes from PAWC-WD's projected expenditures; and
  - c. The Facilities Cost Table and Cost Estimate included 400 linear feet of 1.5-inch diameter low pressure polyvinyl chloride pipe. Identify the intended use (i.e., services or main) of this pipe. If this pipe is to be used as service lines to the proposed lots, please revise the Facilities Cost Table and Cost Estimate to separately quantify the estimated materials and construction cost of the company-owned portion of the service lines.

**Response:**

The table contained in the Application's Section III.6 are the facilities that will be installed as part of this main extension and the costs thereof. PAWC hereby clarifies that the Developer is installing these facilities at its expense, as explained in Application Section III.7 and then they will be dedicated to PAWC.

# Attachment A-4

<b>Cost Estimate 3131 &amp; 3161 Chambersburg Road Sewer Extention</b>				
<b>Description</b>	<b>Qty.</b>	<b>Units</b>	<b>Unit Price</b>	<b>Total</b>
install 2" dia Low presure PVC	782	LF	\$30.00	\$23,460.00
install 1.5" dia Low presure PVC	400	LF	\$25.00	\$10,000.00
install 1.5" dia Low pressure PVC Service Laterals	20	LF	\$25.00	\$500.00
Restoration	1	LS	\$4,000.00	\$4,000.00
Curb Stop with Box	4	EA	\$575.00	\$2,300.00
Tie-in @ Existing Manhole	1	EA	\$3,000.00	\$3,000.00
Highway Permit	1	EA	\$100.00	\$100.00
PUC Approvals	1	EA	\$2,000.00	\$2,000.00
<b>Sub Total</b>				<b>\$45,360.00</b>
20% Overhead				\$9,072.00
20% E&I				\$9,072.00
15% AFDUC				\$6,804.00
<b>TOTAL</b>				<b>\$70,308.00</b>

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

- a. The cost of the PENNDOT Highway Permit is \$100. Please see the updated Facilities Cost Table located at **Attachment A-4**.
- b. The Developer will install curb stops & boxes (control valves) but they are properly included on Facilities Cost Table and Cost Estimate as explained above.
- c. The 400 linear feet of 1.5-inch diameter low pressure polyvinyl chloride pipe will be used for the main. In addition, the service laterals will consist of approximately 20 Linear Feet of 1.5-inch diameter low-pressure PVC installed to the Right of Way line (5 Linear Feet each) with 4 shut-off valves. Please see the revised Facilities Cost Table in **Attachment A-4**.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-5.** In Section III.7. of the Application, PAWC-WD indicated that the Developer will be responsible for all facilities from the curb to the new residential areas. Please provide responses to the following:

- a. Confirm whether PAWC-WD will require grinder pumps to be installed for commercial and residential customers within the requested territory; and
- b. If grinder pumps will be required, verify the size (i.e., horsepower) and capacity (i.e., gallons per minute) of the grinder pumps and indicate whether those facilities will be able to provide adequate service to the proposed lots.

**Response:**

- a. Grinder pumps will be required at each dwelling and owned and maintained by the property owners.
- b. All grinder pumps must be capable of pumping 11 gallon per minute under normal operating pressures; pump specifications will be reviewed and approved to verify size and capacity prior to construction.

**Responsible Witness:** **Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-6** In Section III.7. of the Application, PAWC-WD indicated that the Developer will be paying for the cost of the facilities, including all meters and appurtenances. However, the Application's Appendix N included a copy of estimated annual revenues based upon a monthly service charge per equivalent dwelling unit, which indicates PAWC-WD is not requiring the metering of the on-site wells. Please explain the intended use of the referenced meters for wastewater service.

**Response:** Meters will not be required for this project. Section III.7 of the Application incorrectly referenced meters.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-7.** In Footnote No. 1 on Page 3 of the Application, PAWC-WD indicated that the Developer submitted the subdivision plans to the Franklin Township Planning Commission and has received conditional approval. Please provide copies of any municipal approval letters evidencing the referenced subdivision plans have received preliminary and/or final approval from the Franklin Township Board of Supervisors.

**Response:** During the December 1, 2022, Franklin Township Board of Supervisors meeting, the Supervisors conditionally approved the Baumgardner Subdivision. Please find December 1, 2022, Meeting Minutes attached as **Attachment A-7**.

**Responsible Witness:** **Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

*Franklin Township Board of Supervisors Meeting December 1, 2022*

**Franklin Township, Adams County  
Board of Supervisors Meeting**

**December 1, 2022**

**SUPERVISORS PRESENT:** Supervisor Santay, Supervisor Crushong, and Supervisor Williams.

**OTHERS PRESENT:** Bernie Yannetti, Solicitor, Gil Picarelli, KPI Technologies, Susan Plank, Secretary/Treasurer, Lynda Beckwith, Pennsylvania Municipal Code Alliance (PMCA) and Curt MacBeth, Roadmaster.

**CALL TO ORDER**

**PUBLIC COMMENT ON AGENDA ITEMS ONLY**

**APPROVAL OF MINUTES**

**MOTION** by Supervisor Crushong, seconded by Supervisor Williams to approve the November 3, 2022 Board of Supervisors minutes. Motion carried, 3-0.

**MOTION** by Supervisor Crushong, seconded by Supervisor Santay to approve the November 17, 2022 Workshop minutes. Supervisor Williams abstained. Motion carried, 2-0.

**APPROVAL OF BILL LIST #12**

**MOTION** by Supervisor Crushong, seconded by Supervisor Williams to approve Bill List #12 – General Account - \$64,694.54 Check Nos. 37993 – 38041 and Pension Fund – 17,667.79 Check No. 203 for a total of \$82,362.33. Motion carried, 3-0.

**PRELIMINARY/FINAL PLAN**

**Baumgardner Subdivision**

**MOTION** by Supervisor Williams and seconded by Supervisor Crushong to conditionally approve the Baumgardner Subdivision based on KPI Technology comments dated November 14, 2022 and all Zoning Comments. Motion carried, 3-0.

**STORMWATER MANAGEMENT PLAN**

Anderson – 2158 Chambersburg Road



**MEMORANDUM**

**Memo to:** Franklin Township Board of Supervisors

**Memo from:** Brandon Guiher, P.E. *BG*  
Dominic Picarelli, Environmental Planner *[Signature]*

**Subject:** **Subdivision Plan Review**  
Michael R. & Sandra L. Baumgardner – Preliminary / Final Plan  
(Chambersburg Road)  
Plan date: August 15, 2022 (Revised 11-8-2022)  
Action Date: December 20, 2022  
November 16, 2022 (Planning Commission)  
December 1, 2022 (Board of Supervisors)

**Date:** November 14, 2022

**cc:** Franklin Township Planning Commission  
SLS & Geomatics  
Michael R. & Sandra L. Baumgardner  
Bernard A. Yannetti, Solicitor

The proposal is to subdivide a 4.6924 +/- acre lot into four (4) single family residence lots (Tract 2: 1.9376 +/- acres, Lot 1: 0.8264 +/- acres, Lot 2: 0.7117 +/- acres Lot 3: 1.2167 +/- acres). The proposed subdivision is located in the Residential (R) zoning district along Chambersburg Road. Tract 2 will host the existing residence and is considered non-conforming because the existing structure is located within the front setback; however, this proposal will not have a positive or negative effect on this situation. From our review, we note the following for your consideration:

**Zoning Ordinance comments**

(Comments of the engineer regarding zoning are subject to review or interpretation of the Zoning Officer and Township Solicitor.)

1. All subdivision related zoning issues appear adequate.

**Subdivision Ordinance comments**

2. An owner's acknowledgment needs to be executed. (146-303.A.16)
3. The Well location for Tract *52* @ needs to be shown on the plan. (146-303.A.25)
4. A Highway Occupancy Permit for the proposed sewer lines is required. (146-303.A.34)

**Knoebel, Picarelli, Inc.**

Franklin Township  
Michael R. & Sandra L. Baumgardner  
November 14, 2022

Page 2

5. The Adams County Office of Planning and Development comments should be received, reviewed and considered. (146-303.A.37)
6. Sewage Planning approval is required. (146-303.B.1)
7. An approval letter from the sewer company that they will provide services and approve the proposed force main and laterals needs to be provided to the Township. (146-303.B.11)
8. An Operation and Maintenance agreement for the shared driveway for Lots 1 & 2 needs to be provided to the Township for review. (146-303.B.18)
9. A fee in lieu of recreational area is required. (146-414)

**General comments**

10. Any comments from the Township Zoning Officer need to be addressed.

If there are any questions in regards to this review or the comments contained herein, please contact Dominic Picarelli at our Gettysburg Office or via email at [dominicp@kpitech.net](mailto:dominicp@kpitech.net).

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-8.** The Application's Exhibit C – Preliminary/Final Subdivision Plan, included a copy of a plan sheet (Plan Sheet) that is not legible and appears to have been overlaid on another document. Additionally, the Plan Sheet appears to be labelled as "Sheet 2 of 2". Please provide a complete and legible copy, in vector graphic format, of the development plan

**Response:** A full set of plans can be found at **Attachment A-8**.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**GENERAL NOTES:**

- 1) THE INTENT OF THIS FINAL SUBDIVISION PLAT IS TO SUBDIVIDE TRACT 1 +/- 2.7548 ACRES OF LAND, DESIGNATE THE RESIDUAL LOT 1 (+/- 0.8264 AC.), CREATE NEW LOTS, LOT 2 (+/- 0.7117 AC.) AND LOT 3 (+/- 1.2167 AC.)
- 2) FIELD SURVEY OF THE PROPERTY BOUNDARIES AND EXISTING CONDITION WAS COMPLETED BY SLS & GEOMATICS, JULY-AUGUST, 2022.
- 3) THE PROPERTIES SHOWN HEREON ARE LOCATED ON THE FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NO. 42001C0114E, JULY 22, 2022 BY GRAPHIC DEPICTION ONLY, THE PROPERTIES SHOWN HEREON ARE SHOWN IN:  
- FLOOD ZONE "X", AREA OF MINIMAL FLOOD HAZARD.
- 4) NO WETLANDS WERE SHOWN ON THE NATIONAL INVENTORY MAP. THERE ARE NO WETLANDS ON THIS PROPERTY PER WETLANDS INVESTIGATION PERFORMED BY TERRY SHELDON, PE.
- 5) SOIL TYPES AND BOUNDARIES WERE TAKEN FROM THE NRCS USDA, SOIL SURVEY MAP.
- 6) THIS PLAT WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT, THEREFORE ALL ENCUMBRANCES MAY NOT BE SHOWN HEREON.
- 7) THE TWO FOOT CONTOURS SHOWN ON THIS PLAN (NAVD 88) WERE TAKEN FROM PAMAP PROGRAM, BUREAU OF TOPOGRAPHIC AND GEOLOGICAL SURVEY, PA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES AND ARE NOT FROM A FIELD SURVEY.
- 8) PROPERTY MARKERS SHALL BE PLACED AT ALL PROPERTY CORNERS WHERE MONUMENTATION DOES NOT EXIST. CONCRETE MONUMENT SHALL BE PLACED AS SHOWN. MONUMENTATION SHALL BE PLACED PRIOR TO THE RECORDING OF THIS SUBDIVISION PLAN.
- 9) PRIOR TO RECEIPT OF A BUILDING PERMIT FOR ANY RESIDENTIAL STRUCTURE, A SITE GRADING AND STORM MANAGEMENT PLAN WILL BE REQUIRED TO BE SUBMITTED TO THE TOWNSHIP FOR REVIEW AND APPROVAL.
- 10) SANITARY SEWER DESIGN AND DETAILS WILL BE PROVIDED BY PENNSYLVANIA AMERICAN WATER.
- 11) PA D.O.T. HIGHWAY OCCUPANCY NOTE:  
A HIGHWAY OCCUPANCY PERMIT IS REQUIRED PURSUANT TO SECTION 420 OF THE ACT OF JUNE 1, 1945, (P.L. 1242, NO. 428) KNOWN AS THE "STATE HIGHWAY LAW", BEFORE DRIVEWAY ACCESS TO A STATE HIGHWAY IS PERMITTED. ACCESS TO THE STATE HIGHWAY SHALL BE ONLY AS AUTHORIZED BY A HIGHWAY OCCUPANCY PERMIT.

**FRANKLIN TOWNSHIP NOTES:**

- (A) FRANKLIN TOWNSHIP ASSUMES NO RESPONSIBILITY WITH REGARD TO THE PROCESS OF WETLANDS DELINEATION. THE ACCURACY OF EACH DELINEATION PRESENTED TO THE TOWNSHIP SHALL BE THE RESPONSIBILITY OF THE APPLICANT AND HIS CONSULTANT. A FINAL DETERMINATION OF EACH DELINEATION'S ACCURACY MAY BE MADE BY THE PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AGENCY, THE UNITED STATES ARMY CORPS OF ENGINEERS, OR ANY SUBSEQUENTLY EMPOWERED GOVERNMENTAL REGULATORY AGENCY.
- (B) A HIGHWAY OCCUPANCY PERMIT IS REQUIRED PURSUANT TO SECTION 420 OF THE ACT OF JUNE 1, 1945 (P.L. 1242, NO. 428), KNOWN AS THE "STATE HIGHWAY LAW" BEFORE DRIVEWAY ACCESS TO A STATE HIGHWAY IS PERMITTED. ACCESS TO THE STATE HIGHWAY SHALL BE ONLY AS AUTHORIZED BY A HIGHWAY OCCUPANCY PERMIT.
- (C) NO CONSTRUCTION REQUIRING TOWNSHIP BUILDING PERMITS SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLAN AND ANY OTHER REQUIRED GOVERNMENTAL AUTHORIZATIONS ARE OBTAINED.
- (D) FOR PLANS INVOLVING PROPOSED IMPROVEMENTS, A PRECONSTRUCTION MEETING MUST BE HELD PRIOR TO THE START OF CONSTRUCTION. AT A MINIMUM, THE APPLICANT, TOWNSHIP REPRESENTATIVES/TOWNSHIP ENGINEER/DEVELOPERS ENGINEER AND CONTRACTOR SHALL BE PRESENT.
- (E) PRIOR TO AUTHORIZATION FOR CONSTRUCTION OF IMPROVEMENTS WHICH WILL BE OFFERED FOR DEDICATION TO THE TOWNSHIP AT A LATER DATE, A FINAL CONSTRUCTION DRAWING SET SHALL HAVE BEEN APPROVED BY THE TOWNSHIP ENGINEER.
- (F) "PRIOR TO RECEIPT OF A BUILDING PERMIT FOR ANY RESIDENTIAL STRUCTURE, A SITE GRADING AND STORMWATER MANAGEMENT PLAN MAY BE REQUIRED TO BE SUBMITTED TO THE TOWNSHIP FOR REVIEW.
- (G) BURNING AND BURYING OF CONSTRUCTION DEBRIS ON SITE IS PROHIBITED.
- (H) SOME OF THE LANDS WITHIN THE TOWNSHIP ARE LOCATED WITHIN AN AREA WHERE LAND IS USED FOR COMMERCIAL AGRICULTURAL PRODUCTION. OWNERS, RESIDENTS AND OTHER USERS OF THIS PROPERTY MAY BE SUBJECT TO INCONVENIENCE, DISCOMFORT AND THE POSSIBILITIES OF INJURY TO PROPERTY AND HEALTH ARISING FROM NORMAL AND ACCEPTED AGRICULTURAL PRACTICES AND OPERATIONS INCLUDING BUT NOT LIMITED TO NOISE, ODORS, DUST, THE OPERATION OF MACHINERY OF ANY KIND INCLUDING AIRCRAFT, THE STORAGE AND DISPOSAL OF MANURE, THE APPLICATION OF FERTILIZERS, SOIL AMENDMENTS, HERBICIDES AND PESTICIDES. OWNERS, OCCUPANTS AND USERS OF THIS PROPERTY SHOULD BE PREPARED TO ACCEPT SUCH INCONVENIENCES, DISCOMFORT AND POSSIBILITIES OF INJURY FROM NORMAL AGRICULTURAL OPERATIONS, AND ARE HEREBY PUT ON OFFICIAL NOTICE THAT SECTION 4 OF THE PENNSYLVANIA ACT 133 OF 1982, "THE RIGHT TO FARM ACT," MAY BAR THEM FROM OBTAINING A LEGAL JUDGMENT AGAINST SUCH NORMAL AGRICULTURAL OPERATIONS.
- (I) "ALL ROADS CONSTRUCTED IN FRANKLIN TOWNSHIP SHALL MEET ALL STATE OF PENNSYLVANIA SPECIFICATIONS. FRANKLIN TOWNSHIP DOES NOT ACCEPT DEDICATION OF ROADS. ROADS IN ANY DEVELOPMENT ARE AND WILL CONTINUE TO BE CONSIDERED PRIVATE ROADS, IN WHICH THE TOWNSHIP WILL NOT MAINTAIN ROADS OR ASSOCIATED RIGHTS-OF-WAY AND ANY STORMWATER MANAGEMENT FACILITIES LOCATED WITHIN SAID ROADS AND RIGHTS-OF-WAY."

**SOIL DATA:**

- NaB - Neshaminy channery silt loam, 3 to 8 percent slopes.
- ReA - Reading silt loam, 0 to 3 percent slopes.
- NaB - Neshaminy channery silt loam, 3 to 8 percent slopes.

**SITE DATA:**

**LOCATION:**  
3131 CHAMBERSBURG RD.  
BIGLERVILLE, PA 17307

**OWNER/SUBDIVIDER/GRANTOR/GRANTEE:**  
MICHAEL P. AND SANDRA L. BAUMGARDNER  
3515 CHAMBERSBURG RD.  
BIGLERVILLE, PA 17307  
PHONE: (717) 752-0879  
EMAIL: 15samslane@gmail.com

**PARCEL ID. NUMBER:** 12D10-0038A--000

**DEED REFERENCE:** DEED BOOK 6673 PAGE 0095, RECORDED IN ADAMS COUNTY COURTHOUSE, RECORDER OF DEEDS.

**GROSS PROJECT AREA:** +/- 2.7548.

**TOTAL NUMBER OF LOTS FOR APPROVAL:** 3 LOTS

**LOT AREA:**  
- LOT 1 : (RESIDUAL) +/- 0.8264 AC.  
- LOT 2 : +/- 0.7117 AC.  
- LOT 3 : +/- 1.2167 AC.

**CURRENT ZONING:**  
RESIDENTIAL - (R)

**CURRENT LAND USE :** AGRICULTURAL

**PROPOSED LAND USE LOT 1:** (RESIDUAL) RESIDENTIAL  
**PROPOSED LAND USE LOT 2:** RESIDENTIAL  
**PROPOSED LAND USE LOT 3:** RESIDENTIAL

**WATER SUPPLY LOT 1:** (RESIDUAL) PROPOSED WATER WELL  
**WATER SUPPLY LOT 2:** PROPOSED WATER WELL  
**WATER SUPPLY LOT 3:** PROPOSED WATER WELL

**SEWAGE DISPOSAL LOT 1:** PROPOSED AMERICAN WATER SEWER LINE.  
**SEWAGE DISPOSAL LOT 2:** PROPOSED AMERICAN WATER SEWER LINE  
**SEWAGE DISPOSAL LOT 3:** PROPOSED AMERICAN WATER SEWER LINE

**FRANKLIN TOWNSHIP ZONING REQUIREMENTS:**

**RESIDENTIAL - (R)**

**MINIMUM LOT AREA:** 15,000 S.F. OR 0.3444 AC.  
**MINIMUM LOT WIDTH:** EIGHTY (80) FEET

**MINIMUM SETBACKS:**  
FRONT YARD: THIRTY-FIVE (35) FEET.  
SETBACK ALONG MAJOR THOROUGHFARES (I.E., CHAMBERSBURG RD.) FIFTY (50) FEET.  
REAR YARD: TWENTY-FIVE (25) FEET.  
SIDE YARD: TEN (10) FEET.

**HEIGHT:**  
THE HEIGHT LIMIT FOR A PRINCIPAL BUILDING OR STRUCTURE SHALL BE 2 1/2 STORIES, BUT NOT OVER 30 FEET.  
THE HEIGHT LIMIT FOR AN ACCESSORY BUILDING OR STRUCTURE SHALL BE TWO STORIES, BUT NOT OVER 25 FEET.

**LOT COVERAGE:**  
NOT MORE THEN 45% OF THE LOT AREA MAY BE COVERED WITH AN IMPERVIOUS SURFACE.

**APPROVAL / REVIEW BLOCK:**

REVIEWED BY THE ADAMS COUNTY PLANNING COMMISSION

Adams County Planning Commission \_\_\_\_\_ Staff Person \_\_\_\_\_ Date \_\_\_\_\_

REVIEWED BY THE FRANKLIN TOWNSHIP ENGINEER

Township Engineer \_\_\_\_\_ Date \_\_\_\_\_

REVIEWED BY THE FRANKLIN TOWNSHIP PLANNING COMMISSION

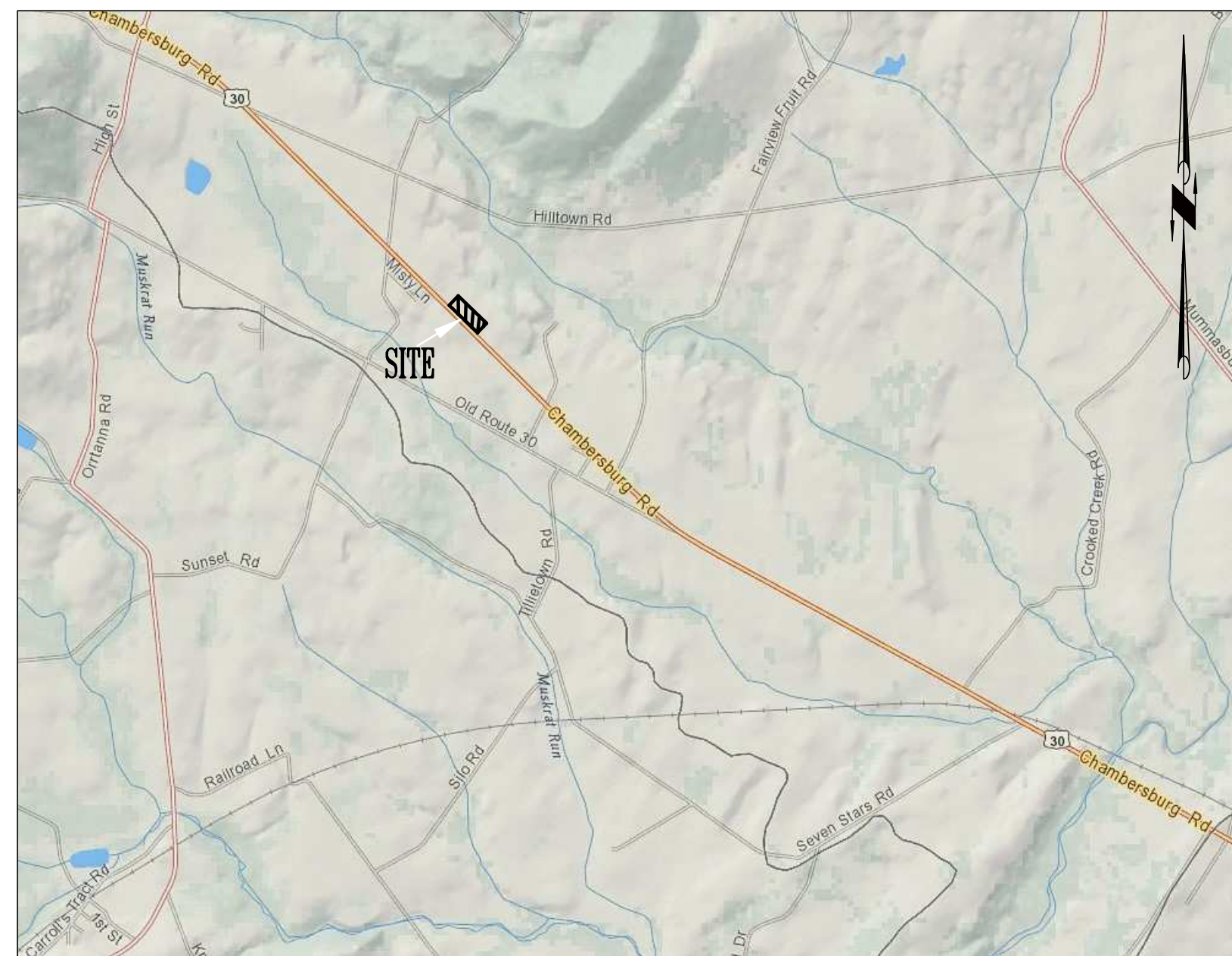
Chair \_\_\_\_\_ Secretary \_\_\_\_\_ Date \_\_\_\_\_

Vice Chair \_\_\_\_\_

APPROVED BY THE FRANKLIN TOWNSHIP SUPERVISORS AND ACCEPTED FOR RECORDING

Chair \_\_\_\_\_ Secretary \_\_\_\_\_ Date \_\_\_\_\_

Vice Chair \_\_\_\_\_



**SITE LOCATION MAP**  
1"=2000'



Pennsylvania Act 187 requires 3 working days notice for construction phase and 10 working days in design stage.

**OWNER'S STATEMENT:**

I/we make this statement being duly sworn according to law. I/we state that for the land involving the accompanying plans, we are the majority owners of this property or the authorized officers of the corporation that owns this property, and are in peaceful possession of it, and that there are no suits pending affecting the title of same, and that I/we acknowledge and endorse the accompanying plans and that we will propose a record plan for recording, after receiving all required Township approvals.

OWNER \_\_\_\_\_ Printed Name \_\_\_\_\_

OWNER \_\_\_\_\_ Printed Name \_\_\_\_\_

OFFICER'S SIGNATURES \_\_\_\_\_ Printed Name \_\_\_\_\_

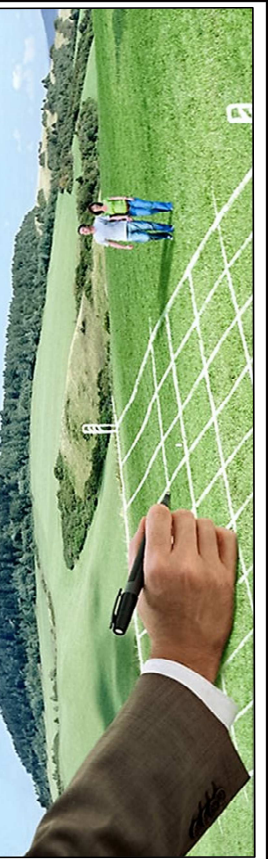
SWORN AND SUBSCRIBED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_.

**PLAN PREPARER'S STATEMENT:**

I, Zlatko S. Petrovich, a registered surveyor of the Commonwealth of Pennsylvania, do hereby certify that to the best of my knowledge and belief that the property shown hereon correctly represents the lots and easements as plotted for the owners.

08-15-2022 \_\_\_\_\_  
Date Registered Surveyors Signature and Seal

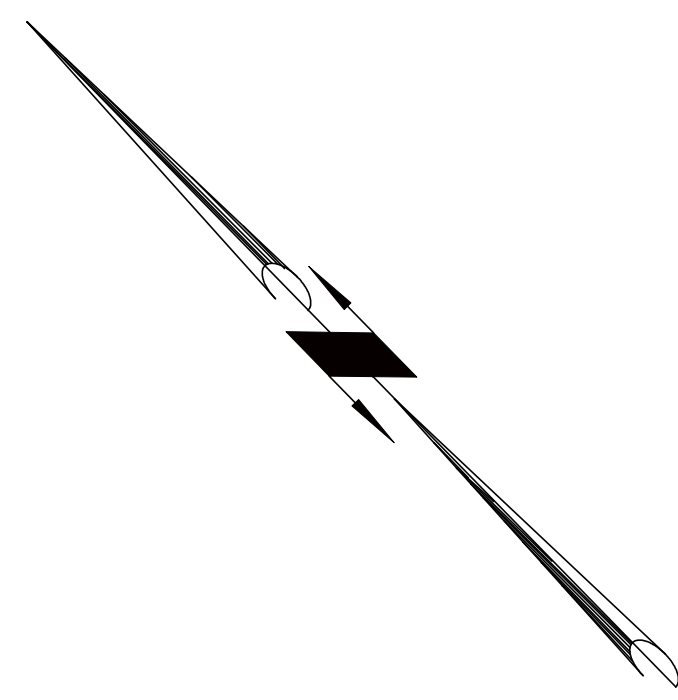
No.	Revision Description	Date
1.	Revised Per 09-21-2022 Township Engineer Comments	09-26-2022
2.	Revised Per 09-10-2022 PMCA Comments	09-26-2022
3.	Revised Per 09-29-2022 County Comments	09-26-2022
4.	Revised Per 10-19-2022 PMCA Comments	11-08-2022
5.	Revised Per 10-31-2022 County Comments	11-08-2022
6.	Revised Per 11-14-2022 Township Engineer Comments	11-14-2022



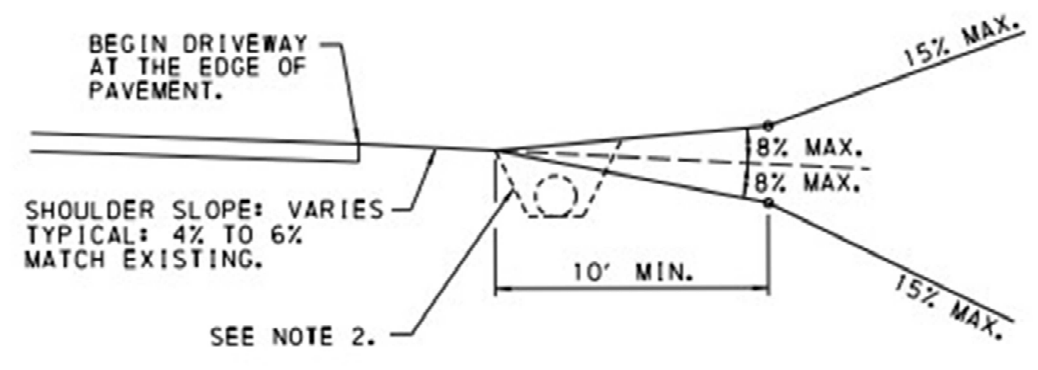
**SLS & Geomatics**  
Gettysburg, PA 17325  
EM: sls.geomatics@comcast.net

108 Longstreet Dr.  
PH & FAX 717 334 6970

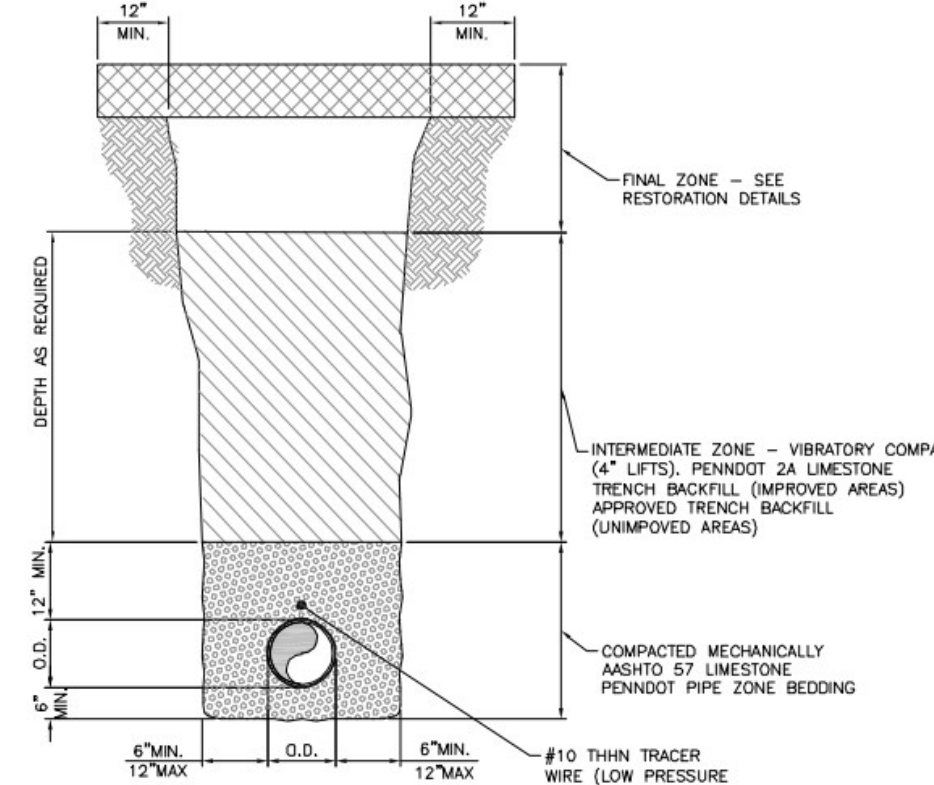
**PRELIMINARY/FINAL SUBDIVISION PLAN**  
ON THE PROPERTIES OF  
**MICHAEL R. & SANDRA L. BAUMGARDNER**  
SITUATED IN: FRANKLIN TOWNSHIP  
ADAMS COUNTY, PENNSYLVANIA



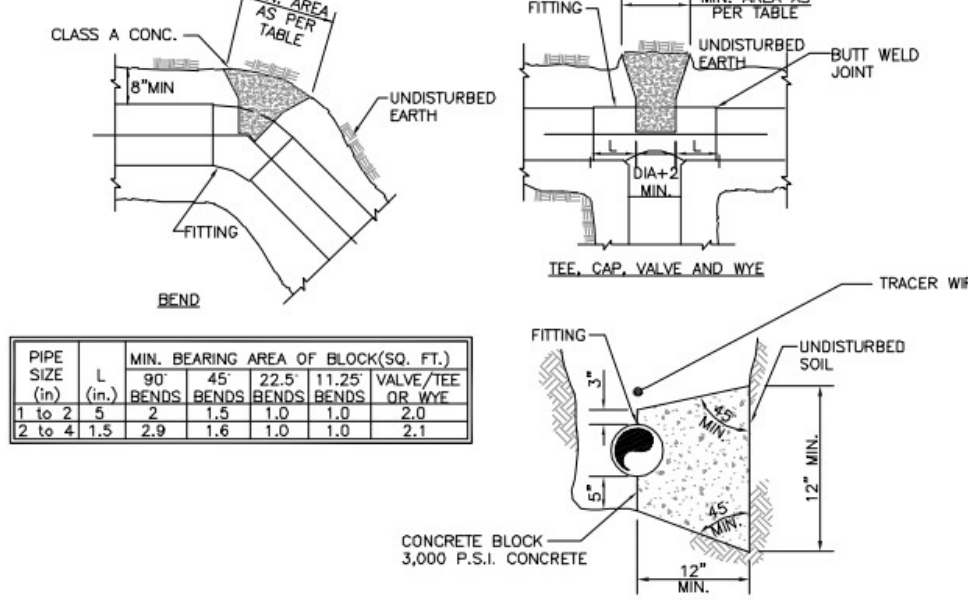
**DRIVEWAY PROFILE**



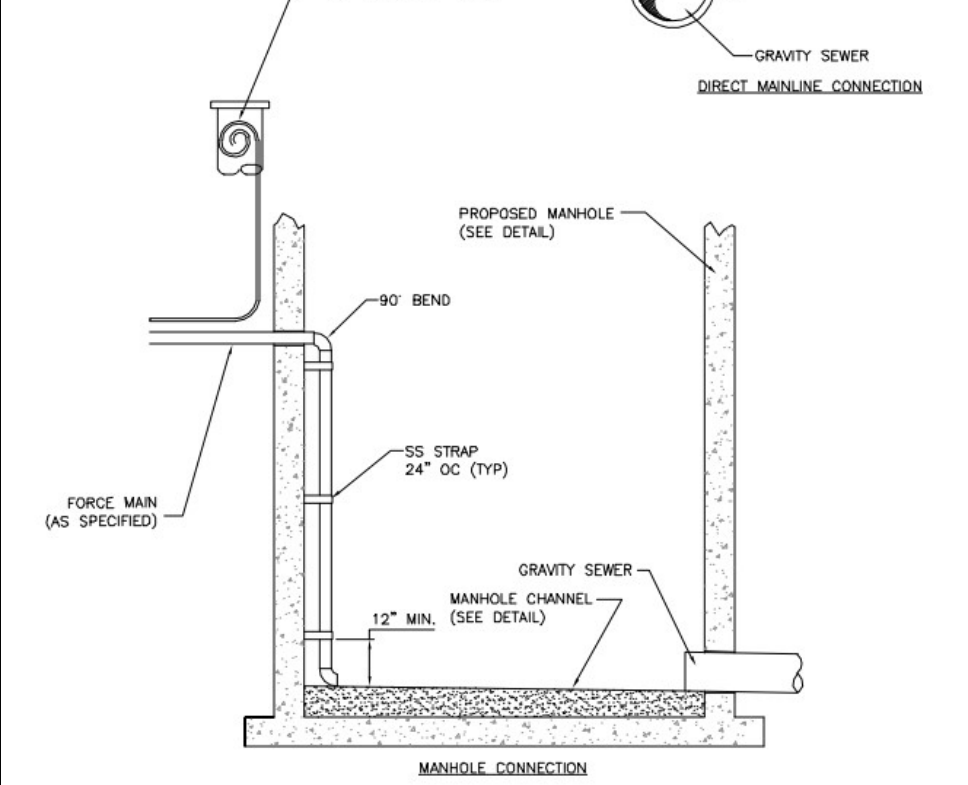
2. DRIVEWAY SHALL BE CONSTRUCTED SO AS NOT TO IMPAIR DRAINAGE WITHIN THE RIGHT-OF-WAY, ALTER THE STABILITY OF THE IMPROVED AREA, OR CHANGE THE DRAINAGE OF ADJACENT AREAS. WHERE A DRAINAGE DITCH OR SWALE EXISTS, INSTALL ADEQUATE PIPE UNDER THE DRIVEWAY IN ACCORDANCE WITH PENNDOT PUBLICATION 12M, RC-30M AND PUBLICATION 408, SECTION 601-PIPE CULVERTS. DRAINAGE PIPE UNDER DRIVEWAYS SHALL MATCH EXISTING PIPE SIZE OR BE A MINIMUM OF 15" IN DIAMETER, WHICHEVER IS GREATER.



**TYPICAL TRENCH AND PIPE ZONES**  
N. T. S.

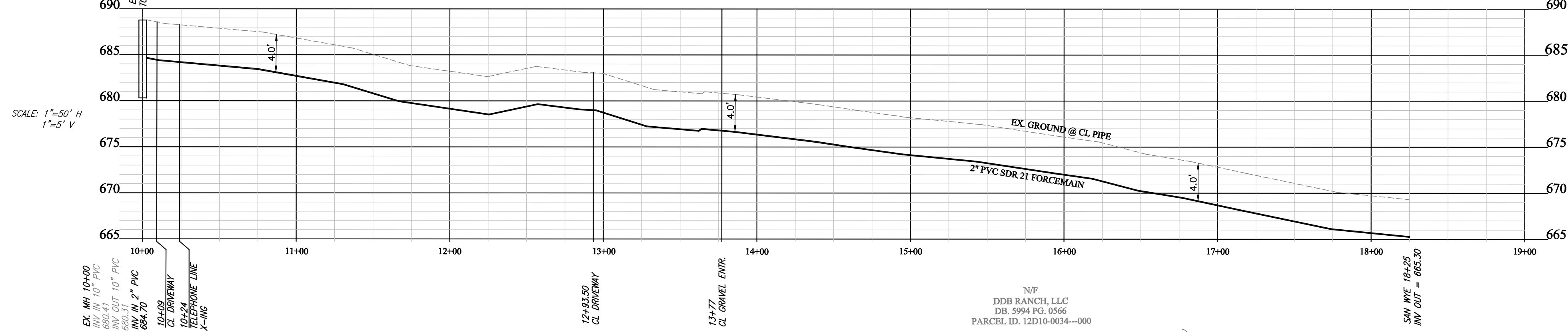


**TYPICAL LOW PRESSURE (SEWER) HORIZONTAL THRUST BLOCKING DETAIL**  
N. T. S.



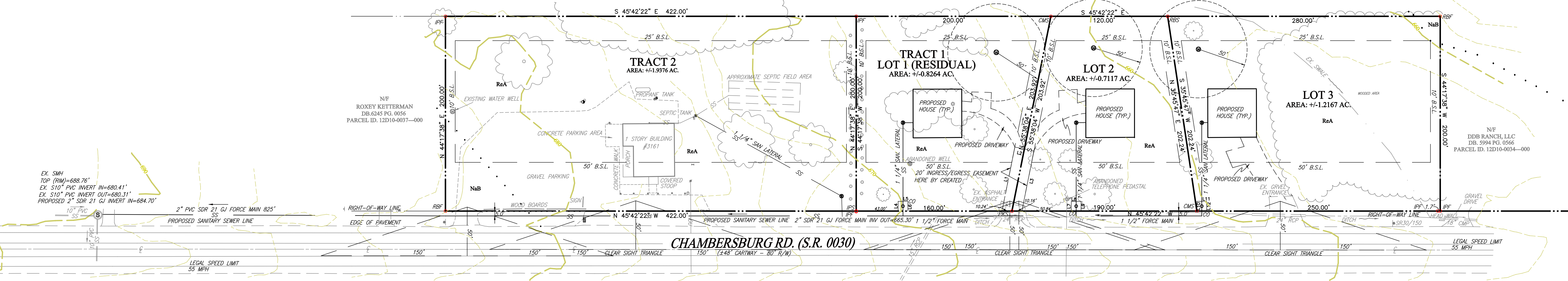
**LOW PRESSURE FORCE MAIN CONNECTION TO GRAVITY SEWER**

**SANITARY SEWER FORCE MAIN PROFILE**



**STANDARD FORCE MAIN DETAIL DRAWINGS**

**Attachment A-8**



**SIGHT DISTANCE TABLE**

TRACT 2-EXIT 1			TRACT 2-EXIT 2			LOT 1			
DIST.	GRADE	FSD	DIST.	GRADE	FSD	DIST.	GRADE	FSD	
NW SR.30	923'	-1.6%	527'	650'	-1.7%	558'	1152'	-2.2%	565'
SE SR.30	3305'	+0.9%	528'	3133'	+0.9%	528'	2750'	+0.6%	533'

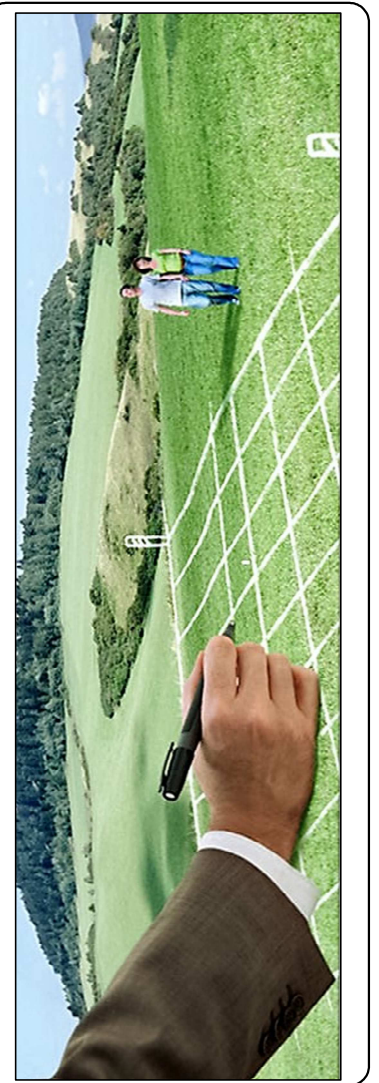
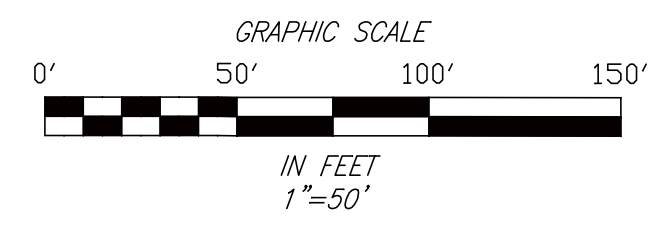
**INGRESS/EGRESS EASEMENT LINE TABLE**

LINE	BEARING	DISTANCE
L1	N 55°38'28" E	67.12'
L2	S 34°21'05" E	20.00'
L3	S 55°38'28" W	63.10'

**SANITARY SEWER EASEMENT LINE TABLE**

LINE	BEARING	DISTANCE
L4	N 44°17'38" E	10.00'
L5	S 45°42'22" E	10.00'
L6	S 44°17'38" W	10.00'
L7	N 44°17'38" E	10.00'
L8	S 45°42'22" E	10.00'
L9	S 44°17'38" W	10.00'
L10	N 44°17'38" E	10.00'
L11	S 45°42'22" E	10.00'
L12	S 44°17'38" W	10.00'

- LEGEND**
- SYMBOLS**
- ⊙ - Denotes Telephone Pedestal
  - ⊗ - Denotes Existing Well
  - ⊕ - Denotes Proposed Well
  - ⊙ - Denotes Guy Pole
  - ⊙ - Denotes Light Pole
  - ⊙ - Denotes Telephone Pedestal
  - ⊙ - Denotes Road Sign
  - ⊙ - Denotes Grinder Tank
  - ⊙ - Denotes Clean Out
  - ⊙ - Denotes Conduit
  - ⊙ - Denotes Water Pump
  - ⊙ - Denotes Building
  - RBS - Denotes Rebar Set
  - IPF - Denotes Iron Pin or Pipe Found
  - RBS - Denotes Rebar Set
  - CMS - Denotes Concrete Monument Set
- LINE TYPES**
- - Denotes Boundary Line
  - - - - - Denotes Adjoining Property
  - - - - - Denotes Easement Line
  - - - - - Denotes Tree Line
  - - - - - Denotes Edge Of Pavement
  - - - - - Denotes Soil Line
  - - - - - Denotes Swale
  - - - - - Denotes Future Sanitary Line
  - - - - - B.S.L. - Denotes Building Setback Line



**SLS & Geomatics**  
100 Longstreet Dr.  
Gettysburg, PA 17325  
PH & FAX 717 394 6970 EM sls.geomatics@comcast.net

**PRELIMINARY/FINAL SUBDIVISION PLAN**  
ON THE PROPERTIES OF  
**MICHAEL R. & SANDRA L. BAUMGARDNER**  
SITUATED IN: FRANKLIN TOWNSHIP  
ADAMS COUNTY, PENNSYLVANIA



DATE: 09-18-2022  
FILE NO: FRAN-1-2022  
DRN: ZSP  
CKD: ZSP

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-9.** In Section III.5 of the Application, PAWC-WD indicated that the Developer's commercial property is connected to a private well. Please clarify how water service will be or is provided to the remaining properties with the Application's requested service territory.

**Response:** The existing property and all future properties on this land will be served by wells.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-10** In Section III.6 of the Application, PAWC-WD indicated the Developer will pay for the wastewater main extension through a Water Facilities Line Extension Agreement (Extension Agreement) and provided a copy of a standard agreement as the Application's Exhibit I which PAWC-WD indicated will be executed when the extension is approved. However, the Extension Agreement only describes the terms of a water main extension and does not include provisions for wastewater main extensions. Considering this apparent discrepancy, please provide the following:

- a. *A pro forma* "Sewer Main Extension Agreement" pursuant to Section H of PAWC-WD's effective tariff, to be executed by PAWC-WD and the Developer;
- b. Quantification of any capacity reservation fees PAWC-WD intends to charge the Developer and identify how PAWC-WD will book said fees; and;
- c. Quantification of the maximum potential refund the Developer may receive.

**Response:**

- a. Please find the Sewer Main Extension Agreement attached as **Attachment A-10-a**.
- b. In accordance with the PAWC's wastewater tariff, Capacity Reservation Fees totaling \$16,000 for 4 EDUs (\$4,000 per EDU) and a PAWC Connection Fee of \$200. PAWC will book these fees as contributions in aid of construction.
- c. No refunds will be provided consistent with PAWC's Sewer Main Extension Agreement.

**Responsible Witness:** **Stephen A. DeFriece, – Staff Engineer – Engineering Projects**  
**Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

SEWER MAIN EXTENSION AGREEMENT

**DEVELOPMENT NAME**

WO # \_\_\_\_\_

THIS AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between Pennsylvania-American Water Company, with offices at 852 Wesley Drive, Mechanicsburg, Pennsylvania, 17055 (“PAWC”) and \_\_\_\_\_ with offices at \_\_\_\_\_ (“Developer”).

WHEREAS, PAWC and Developer have agreed upon terms and conditions pursuant to which sewer service will be supplied by PAWC to a land development being undertaken by Developer known as \_\_\_\_\_, in \_\_\_\_\_, \_\_\_\_\_ County, Pennsylvania which property is identified on the plans as described in Exhibit “A” (Premises);

WHEREAS, PAWC is willing to provide sewer service to the Premises within the development; and

WHEREAS, Developer has requested PAWC to furnish sewer service to and within the development to service Premises; and

WHEREAS, Developer is willing and desires to design and construct such extension and desires to bear the cost thereof.

NOW, THEREFORE, IN CONSIDERATION OF THESE PROMISES, the parties intending to be legally bound hereby, mutually promise, covenant and agree as follows:

1. Developer shall design, construct, and install or cause to be designed, constructed, and installed, at its cost, the Sewer Facilities as indicated on the drawings identified and attached in **Exhibit “A”**, including, but not limited to, costs of engineering, materials, labor, transportation, equipment, necessary permits and approvals, testing, corrections, insurance, and bonds. Said Sewer Facilities shall consist of sewer mains, manholes, pump stations, valves, valve boxes, fittings, lateral connections to the property line on each lot shown on drawings, and all other material and equipment necessary to provide complete and reliable sewer service. Developer shall provide PAWC, upon request, qualifications of engineer and contractor, and must receive PAWC approval prior to beginning of design and construction.
2. Upon execution of this Agreement, the Developer will provide in cash a payment to PAWC in the sum of \_\_\_\_\_ as indicated in the estimate attached hereto as **Exhibit “B”**. This payment represents the estimated PAWC and/or their representatives engineering, inspection, contingencies, administrative and legal costs, preparation of as-built drawings, easements fees (if applicable) and other related costs associated with the installation of the Sewer Facilities for the Premises referenced above. Upon completion of the improvements and acceptance by PAWC, any unused portion of the payment will be released to the

Developer. If the estimated payment was insufficient to cover all costs incurred by PAWC, the Developer will promptly provide in cash a payment for the difference.

3. PAWC, at its sole option and cost, reserves the right to "oversize" said Sewer Facilities. If PAWC exercises the right to oversize, it shall pay for the difference in the price of the material necessary for the oversized pipe or appurtenances versus the material price of the pipe or appurtenances necessary to service the Development.
4. Developer shall obtain all requisite permits, zoning and other approvals for the construction of said Sewer Facilities. All plans, specifications, construction, and installation of said Sewer Facilities shall be in accordance with good utility practices, conform to PAWC's latest specifications available separately, adhere to the rules, regulations, and requirements of the Pennsylvania Department of Environmental Protection, and meet the requirements of all other governmental agencies having jurisdiction thereover. Any required approvals shall be in writing. Additionally, all of said drawings and specifications shall have the written approval of PAWC before construction is commenced. Approval by PAWC will not be unreasonably withheld or delayed.
5. Developer shall, at no cost to PAWC, secure either a permanent easement(s) or fee-simple parcel(s), in the name of PAWC required for the construction of any and all said Sewer Facilities in the form contained in Exhibit C, attached hereto and made a part hereof. Said permanent easement(s) or fee-simple parcel(s) shall be designated on Developer's plot plan approved by PAWC. A copy of the proposed final subdivision plot plan, with the designation of PAWC's permanent easement(s) or PAWC's fee-simple property(s), shall be submitted to PAWC for its inspection, before it is submitted by developer to the zoning authorities for approval.
6. Developer agrees to advise PAWC before installing Sewer Facilities as provided in this Agreement. Developer shall apply for service and pay all applicable charges and fees in connection with all services to Premises in the development, including the capacity reservation fees and connection fees in effect at the time of service (currently outlined in Exhibit "B"). New service connections must be in a currently approved Act 537 service territory and be in accordance with PAWC's Connection Management Plan.
7. Developer covenants and agrees to indemnify PAWC against any and all loss or damage which PAWC may suffer as a result of any damage to its sewer lines or service laterals, or any other sewer facility caused by Developer, its employees, agents, servants or workmen or any contractors or subcontractors employed by Developer.
8. Developer will be responsible for any damage to any property incurred that is incidental to the construction work being performed pursuant to this Agreement. Developer shall be responsible for any restoration necessary to public and/or private property that is affected in any way by the construction undertaken pursuant to the extension of sewer service pursuant to this Agreement. Developer agrees to indemnify PAWC against any and all loss or damage to property which may occur as a result of or incidental to the construction of the sewer main

extension, the installation of sewer service laterals and connections, and all work performed therewith.

9. Developer hereby agrees to hold and save PAWC harmless from and against any and all damages, or liability therefore, loss, costs, charges, reasonable attorneys' fees, and/or expenses of whatsoever kind or character which PAWC shall or may at any time suffer, sustain, or incur by reason of or in consequence of any negligent actions of Developer, or its agents, employees, or contractors, in connection with any of the provisions of this Agreement. Developer hereby assumes responsibility and liability for the injury or death of any person, or loss of damage to any property contributed to or caused by the negligence of Developer, or its agents, employees, or subcontractors, in the execution of any work in connection with this Agreement, not involving any negligence of PAWC, or its agents, employees, or contractors. In case any suit or other proceeding shall be brought on account of any matter covered by the indemnification specified in this paragraph 8. Developer will assume PAWC's defense at Developer's expense and will pay all final judgments rendered thereon.
10. Where water lines are to be installed parallel to sanitary sewer lines, a minimum horizontal separation of ten feet shall be maintained. Where this separation cannot be maintained, a minimum of three feet horizontal and eighteen inch vertical separation (vertical separation measured between bottom of water main and top of sewer main) shall be maintained with the water line located above the sewer line. Where water lines are to cross sewer lines, there shall be a vertical distance of eighteen inches separating the water and sewer lines (water main above the sewer line). Where this separation cannot be maintained, the sewer line shall be encased in casing pipe ten (10) feet on either side of the water main. No excavation or blasting shall be carried on which in any way endangers the said sewer pipes and lines. Provided, however, that should the Developer wish to do so, it may at its own expense provide a new location acceptable to PAWC for the said sewer pipes and lines and PAWC must approve said new location in writing. The entire cost of such moving and altering and any expense incident thereto shall be borne exclusively by the Developer.
11. Developer agrees that it will not request service to the Development prior to the completion of the Sewer System and acceptance thereof by PAWC. Upon completion and acceptance in writing by PAWC of the aforesaid Sewer Facilities, PAWC, upon proper application, shall provide sewer service to Developer in accordance with its rules and regulations. Pursuant to this Agreement, proper application shall include payment of all applicable fees and charges for the extension of sewer service to customers in effect at the time of service provided in PAWC's rules and regulations.
12. Any difference between the actual cost of installing the sewer service and main extension and the estimate furnished by the Developer for the installation of the system described in this Agreement and the plans attached hereto will be borne by the Developer. The Developer understands that the estimates attached hereto are simply estimates and are not a guarantee or certification of the cost of the system, which is the subject of this Agreement. Such cost variation might be caused by (but not limited to) unforeseen rock excavation or other unusual-soil conditions. Other unforeseen conditions could cause additional cost beyond the estimates

attached hereto. PAWC assumes no responsibility for additional costs over and above the estimated amounts provided and attached to this Agreement as Exhibits.

13. PAWC and Developer hereby agree that the cost of construction shall include the cost of the materials and labor to be supplied for the construction of the Sewer Facilities and appurtenances thereto, the engineering and inspection costs related to the construction thereof, and the administrative and legal costs incurred by PAWC in the construction and installation of said main and all appurtenances thereto.
14. The Developer shall deliver to PAWC a copy of the final paid invoice(s) for all Sewer Facilities constructed and to be conveyed under this agreement. If not finalized at the time of the execution of this main extension agreement, the Developer shall deliver executed copies of PAWC's Standard Easement Agreement, available separately from this agreement, for the easement area with a legal metes and bounds description of the easement (if required). Preparation of all easement documents necessary for successfully recording in the county courthouse are the responsibility of the Developer. PAWC will be responsible for delivering the easement to the courthouse for recording. Upon completion of the above, PAWC will "true up" Developer's payment per Paragraph 2 with the costs that were incurred by PAWC in connection with the Sewer Facilities and this Agreement.
15. Developer shall comply with the inspection and testing requirements of PAWC for the Sewer Facilities, which requirements shall be reasonable and shall not cause Developer unwarranted delays in the ordinary course of construction. Developer shall give PAWC adequate notice when the Sewer Facilities are ready for inspection and testing, and PAWC shall inspect and witness testing promptly after being so notified. PAWC specifically reserves the right to withhold acceptance of the Sewer Facilities unless the Sewer Facilities have been constructed in accordance with the approved plans and specifications and are satisfactory to PAWC upon inspection and testing. Developer agrees that it will promptly correct all defects and deficiencies in construction, materials, and workmanship upon request by PAWC made subsequent to its inspection and for one year following PAWC's acceptance of the Sewer Facilities. Inspections or acceptance by PAWC shall in no way relieve or limit Developer's responsibility and liability for construction and installation of the Sewer Facilities in accordance with the terms of this Agreement, including the one-year warranty.
16. In consideration of PAWC's commitment to provide sewer service to the Development and in accordance with PAWC's tariff, all materials installed, facilities constructed, and equipment provided by Developer in connection with construction of the Sewer Facilities under this Agreement and the completed Sewer Facilities shall become the sole property of PAWC as installed, and full legal and equitable title thereto shall be then vested in PAWC, free and clear of all liens, without the requirement of any written document of transfer to PAWC or acceptance by PAWC. Developer agrees to execute or cause to be executed promptly such documents as counsel for PAWC may reasonably request to evidence good and merchantable title to the Water Facilities free and clear of all liens. All risk of loss shall be with Developer until acceptance of the Sewer Facilities, or any portions thereof, by PAWC. Thereafter, risk of loss shall be with PAWC. Developer shall repair or cause to be repaired promptly at no cost to PAWC all damage to the Sewer Facilities caused by construction operations until all

construction in the Development by or for Developer has been completed. After PAWC has accepted the Sewer Facilities, it will maintain, repair, and replace the Sewer Facilities as needed subject to the warranty provisions of the Agreement.

17. Developer shall repair or replace any defects in materials or construction of which Developer is given written notice by the PAWC during said warranty periods, and in the event that Developer fails to diligently commence or pursue said repairs or replacement, or if PAWC exclusively determines the defects in materials or construction constitute an emergency that adversely impacts the PAWC's ability to provide service, PAWC has the right (but not the obligation) to undertake said repairs and replacement and PAWC shall have the right to recover the additional costs from Developer.
18. Prior to the commencement of construction of the Sewer Facilities, Developer's contractors having responsibility for the installation of the Sewer Facilities shall furnish PAWC with appropriate Certificate of Insurance coverage effective during the period of construction in the following types and amounts:
  - (i) Workmen's compensation in the benefit amounts, and occupational disease disability insurance, as required by the laws and regulations of the Commonwealth of Pennsylvania.
  - (ii) Comprehensive general liability insurance, including operations and protective liability coverages, with limits of not less than ten million dollars (\$10,000,000) combined single limit for bodily injury (including death) and property damage. When the work to be performed requires blasting, Developer's insurance shall specifically cover the risk. "PENNSYLVANIA-AMERICAN WATER COMPANY" shall be named as additional insured under this policy and the following language shall be included on the certificate:

***Project Location:***

***Certificate holder is included as additional insured with respect to liability arising out of the named insured's operations performed on behalf of holder as required by written contract. Excess policy follows form for Employers Liability, General Liability and Auto Liability. Policies without exception and shall be indicated as such with an endorsement from the insurer. Any coverage afforded to the Additional Insured shall apply as primary and not excess to any other insurance or self insurance available to the Additional Insured. Waiver of Subrogation endorsement must accompany certificate of insurance and must include Workers Compensation policies. (Note to Producer/Insurer: General Liability per occurrence limit and Auto policy per occurrence limit, combined with the Excess policies, must not be less than \$10,000,000.00 Combined Total Limit of Liability.***

- (iii) Comprehensive automobile liability insurance covering all owned and non-owned automobiles or trucks used by or on behalf of Developer with a combined single limit of \$1,000,000, in connection with the work contemplated by this Agreement.
19. This Agreement contains the entire agreement of the parties hereto, and there are no other understandings, written or oral, between the parties relating to the subject matter of this Agreement that supersedes, cancels and terminates any and all rights or obligations that may have arisen between the parties.

20. All representations, warranties, and agreements of PAWC and Developer set forth in this Agreement shall survive the dedication date and the parties shall be entitled to rely upon such representations, warranties and agreements.
21. This Agreement may not be amended except by instrument in writing signed by the parties hereto, and no claimed amendment, modification, termination or waiver shall be binding unless in writing and signed by the parties against whom such claimed amendment, modification, termination or waiver is sought to be enforced.
22. The Developer's obligations hereunder may not be assigned to any other person or entity without the prior written consent of PAWC; provided that, this Agreement shall be terminated and the Developer shall be released from any further liability or obligations hereunder, if, and at such time, as any other developer executes and delivers an agreement with PAWC in the same form as this Agreement, or such other form as is approved by PAWC, together with financial security in the form required hereby or such other form as is approved by PAWC.
23. This Agreement shall be binding, and inure to the benefit of, the parties as well as their successors and assigns.
24. Nothing herein shall be construed as an agreement by PAWC to furnish additional sewerage capacity outside of that which has currently been approved pursuant to the Act 537 Plan.
25. The failure of either party to enforce any of the provisions of this Agreement or the waiver thereof in any instance shall not be construed as a general waiver or relinquishment on its part of any such provisions but the same shall, nevertheless, be and remain in full force and affect.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered as of the date first above written.

WITNESS: PENNSYLVANIA-AMERICAN WATER COMPANY  
Coatesville District

\_\_\_\_\_ By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

WITNESS: DEVELOPER  
By: \_\_\_\_\_

Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**SUMMARY OF EXHIBITS**

***DEVELOPMENT NAME***  
WO # \_\_\_\_\_

Exhibit	Description
A	Subdivision / Construction Plans
B	Summary of Cost
C	Deed of Easement and Right of Way

EXHIBIT A

***DEVELOPMENT NAME***

**DRAWING LIST**

WO # \_\_\_\_\_

The sewer main extension drawings referred to as Exhibit “A” in the agreement were prepared by:

Company Name

\_\_\_\_\_

Company Address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone and Fax

\_\_\_\_\_

\_\_\_\_\_

The drawing information is as follows:

Plan Date: \_\_\_\_\_

Latest Revision: \_\_\_\_\_

Total Number of Sheets: \_\_\_\_\_

Project Number: \_\_\_\_\_

ATTACHED TO THIS EXHIBIT, COPY OF THE SUBDIVISION PLAN PLUS UTILITY PLANS AND DETAILS OF THE SEWER FACILITIES.

**EXHIBIT B**

***DEVELOPMENT NAME***

**SUMMARY OF COST**

**WO#** \_\_\_\_\_

The following estimate is to be incorporated into the Sewer Main Extension Agreement for this project. The basis for the costs is from a cost proposal submitted by the Developer, which was received from his Contractor and is attached hereto. The Developer will submit a signed Contract with the Contractor to PAWC when available. The costs represent on site and off site work.

Estimated Construction Cost for Sewer Main	\$ _____
Estimated PAWC Inspection, Administration, Engineering, Legal and As-Built Survey, per Paragraph 2	\$ _____
Total	\$ _____

The above costs do not represent the costs associated with capacity fees or inspection fees. These costs will be determined at the time of application for service and will be based on the PAWC schedule of rates and charges in effect at that time. The following is a summary of charges in effect as of the date shown above. Depending on the location of the development, additional charges or fees may apply.

**Connection Charges per Residence:**

PAWC Capacity Reservation Fees	\$ In accordance with tariff (CURRENT TARIFF \$4,000 PER/EDU)
PAWC Connection Fee	\$ 50.00

EXHIBIT C

**DEED OF EASEMENT AND RIGHT OF WAY**  
**(AND CONSENT OF MORTGAGEE, if applicable)**

THIS INDENTURE, made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between \_\_\_\_\_ hereinafter referred to as the "**GRANTOR**" and Pennsylvania-American Water, a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, having an office for the transaction of business at 4 Wellington Blvd, Wyomissing, Pennsylvania, hereinafter referred to as the "**GRANTEE**".

**WITNESSETH**

The Grantor, in consideration of the covenants and agreements hereinafter recited and the sum of one Dollars (\$1.00), the receipt of which is hereby acknowledged, does hereby give, grant and convey unto the Grantee, its successors and assigns, forever, an easement and a free uninterrupted and unobstructed right of way, in, under, across and over the property of the Grantor, situate in Township of \_\_\_\_\_ in \_\_\_\_\_ County, Pennsylvania; said right of way to be described as follows:

or as shown on the sketch attached hereto and made a part hereof, if applicable, for the purpose of installing, laying, operating, maintaining, inspecting, removing, repairing, replacing, relaying and adding to from time to time pipe or pipes, with necessary fittings,

appurtenances and attached facilities, including laterals and connections for the transmission and distribution of water.

Together with the right to the Grantee, its successors and assigns, to (i) enter in and upon the premises described above with men and machinery, vehicles and material at any and all times for the purpose of maintaining, repairing, renewing or adding to the aforesaid water pipe lines and appurtenances, (ii) remove trees, bushes, undergrowth and other obstructions interfering with the activities authorized herein, and (iii) for doing anything necessary, useful or convenient for the enjoyment of the easement herein granted.

The right of the Grantor to freely use and enjoy its interest in the premises is reserved to Grantor, its successors and assigns insofar as the exercise thereof does not endanger or interfere with the construction, operation, and maintenance of Grantee's water pipelines and attached facilities, except that no building, structure or similar improvements shall be erected within said easement, nor shall the grade or ground cover over Grantee's facilities be substantially altered, without the consent of the Grantee. Notwithstanding the foregoing, no other pipes or conduits shall be placed within ten (10) feet, measured horizontally, from the said water mains except pipes crossing same at right angles, in which latter case, a minimum distance of two (2) feet shall be maintained between the pipes. All sewer pipes shall be laid below the water mains. No excavation or blasting shall be carried on which in any way endangers or might endanger the water pipe lines and attached facilities.

TO HAVE AND TO HOLD the above granted easement and right of way unto the same Grantee, its successors and assigns forever.

The Grantee agrees, by the acceptance of this Deed of Easement and Right of Way that, upon any opening made in connection with any of the purposes of this easement and

right of way, said opening shall be backfilled and resurfaced to as nearly as possible the same condition as existed when said opening was made, provided that Grantee shall not be obligated to restore landscaping, other than resodding any grass which was removed upon entry, all such work to be done at the expense of the Grantee.

And the said Grantor does covenant with the said Grantee as follows:

1. That the Grantor is the owner in fee simple of the real estate hereby subjected to said easement and right of way, and has good title to convey the same, having acquired said real estate from \_\_\_\_\_ by deed dated, \_\_\_\_\_ and recorded in the Office of the Recorder of Deeds of \_\_\_\_\_ County in Deed Book \_\_\_\_\_, Page \_\_\_\_\_ on the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

2. That the Grantee shall quietly enjoy the said easement and right of way.

3. That the premises hereby subjected to said easement and right of way are subject to no mortgages except

\_\_\_\_\_ (If none, state "No Exceptions.") (If mortgages exist, have attached Consent and Agreement of Mortgagee executed.)

IN WITNESS WHEREOF, the Grantor has duly executed this INDENTURE, all as of the day and year first above written.

ATTEST/WITNESS:

GRANTOR

By \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

IN WITNESS WHEREOF, the Grantee has duly executed this INDENTURE, all as of the day and year first above written.

ATTEST:

GRANTEE

PENNSYLVANIA-AMERICAN WATER

By \_\_\_\_\_

By \_\_\_\_\_

Manager

PIN/MAP # (if applicable) \_\_\_\_\_

\*\*\*\*\*  
**(ACKNOWLEDGMENT FOR INDIVIDUAL - GRANTOR)**  
\*\*\*\*\*

COMMONWEALTH OF PENNSYLVANIA )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this, the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, a Notary Public, personally appeared, known to me (or satisfactory proven)) to be the person(s) whose name is subscribed to the within instrument and acknowledged to me that he/she/they executed the same for the purposes therein contained.

In Witness Whereof, I have set my hand and official seal.

Notary Public

\_\_\_\_\_

My Commission expires: \_\_\_\_\_

\*\*\*\*\*  
**(ACKNOWLEDGMENT FOR CORPORATE - GRANTOR)**  
\*\*\*\*\*

COMMONWEALTH OF PENNSYLVANIA )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this, the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, a Notary Public, personally appeared, as \_\_\_\_\_ of the GRANTOR, known to me or satisfactory proven to be the person whose name is subscribed to the within instrument and as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

In Witness Whereof, I have set my hand and official seal.

Notary Public

\_\_\_\_\_

My Commission expires: \_\_\_\_\_

\*\*\*\*\*  
**(ACKNOWLEDGMENT FOR PENNSYLVANIA-AMERICAN WATER COMPANY)**  
\*\*\*\*\*

COMMONWEALTH OF PENNSYLVANIA )  
 ) SS:  
COUNTY OF \_\_\_\_\_ )

On this, the \_\_\_\_\_ day of \_\_\_\_\_, A.D., 20\_\_\_\_, before me, a Notary Public, personally appeared, \_\_\_\_\_, known to me as \_\_\_\_\_ of

Michael Salvo

PENNSYLVANIA- AMERICAN WATER COMPANY, a corporation, known to me or satisfactorily proven to be the person whose name is subscribed to the within instrument, and as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained.

In Witness Whereof, I have set my hand and official seal.

Notary Public \_\_\_\_\_

My Commission expires: \_\_\_\_\_

CONSENT AND AGREEMENT OF MORTGAGEE (Para. 3 above, if applicable)

The undersigned, \_\_\_\_\_

\_\_\_\_\_ Mortgagee under a mortgage dated \_\_\_\_\_, recorded in the office of the \_\_\_\_\_ of \_\_\_\_\_ County, in Book \_\_\_\_\_, Page \_\_\_\_\_, et seq., (hereinafter referred to as the "Mortgagee") hereby joins in this Easement and Right of Way for the express purpose of subjecting to the operation and effect of this Easement and Right of Way all of its right, title and interest under the Mortgage and in and to the real property described in this Easement and Right of Way.

Nothing in the foregoing provisions of this Consent and Agreement of Mortgagee shall be deemed in any way to create between any person or entity named in this Easement and Right of Way as "Grantor" and the undersigned any relationship of partnership or joint venture, or to impose upon the undersigned any liability, duty or obligation whatsoever.

Nothing in the within Consent and Agreement shall (a) constitute a waiver by Mortgagee of any of its rights under the Mortgage as against the Mortgagor, and/or (b) in any way release the Mortgagor from its obligation to comply with the terms, provisions, conditions, covenants, agreements and clauses of the Mortgage; and the provisions of the Mortgage shall remain in full force and effect and must be complied with by the Mortgagor.

IN WITNESS WHEREOF, Mortgagee has executed this Consent and Agreement of Mortgagee or causes it to be executed on its behalf by its duly authorized representatives, this

\_\_\_\_\_ Day of \_\_\_\_\_,

ATTEST:

By \_\_\_\_\_

MORTGAGEE:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_



**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-11.** In Section IV.16. of the Application, PAWC-WD indicated it will charge its existing Rate Zone 5 rates within the requested service territory and provided an excerpt of PAWC-WD's wastewater tariff, effective date October 28, 2022, as the Application's Exhibit M. However, after PAWC-WD filing its Application with the Commission, PAWC-WD's filed Supplement No. 45 to Tariff Wastewater PA P.U.C. No. 16, effective January 28, 2023, that indicates the Franklin District is subject to Rate Zone 1 rates. Please clarify under which of PAWC-WD's current tariff rate zones it intends to include the requested service territory

**Response:** Rate Zone 5 was incorrectly referenced in the Application. The Franklin District is subject to Rate Zone 1 rates and Zone 1 rates will be charged in the requested service territory.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-12.** Please provide evidence that the requested service territory complies with Franklin Township’s Pennsylvania Department of Environmental Protection (DEP) approved Official Sewage Facilities Act 537 Plan (Act 537 Plan).

**Response:** The requested territory is currently not included in Franklin Township’s Act 537 Plan. A Sewer Planning Module has been requested. Please see **Attachment A-12** for the Application that the Baumgardner’s have submitted to the Pennsylvania DEP.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**3800-CD-BCW0359 12/2018**

**1. Development Information**

Name of Development MICHAEL R. & SANDRA L. BAUMGARDNER SUBDIVISION  
 Developer Name MICHAEL BAUMGARDNER  
 Address 3515 CHAMBERSBURG RD. BIGLERVILLE, PA 17307  
 Telephone # (717) 752-0879  
 Email 15samslane@gmail.com

**2. Location of Development**

a. County Adams  
 b. Municipality Franklin Township  
 c. Address or Coordinates 3131 Chambersburg Rd. Biglerville, PA 17307  
 d. Tax Parcel # 12D10-0038A--000  
 e. USGS Quad Name Arendtsville  
 inches up \_\_\_\_\_ over \_\_\_\_\_  
 from bottom right corner of map.  
 f. Located in a High Quality/Exceptional Value watershed?  
 Yes  No

**3. Type of Development Proposed** (check appropriate box)

Residential  Multi-Residential  
 Describe 3 lot subdivision  
 Commercial  Institutional  
 Describe \_\_\_\_\_  
 Brownfield Site Redevelopment  
 Other (specify) \_\_\_\_\_

**4. Size**

a. # of lots 3 + 1 # of EDUs 3 + 1  
 b. # of lots since 5/15/72 1  
 c. Development Acreage 2.7548  
 d. Remaining Acreage 0.8264

**5. Sewage Flows** 600 gpd

**6. Proposed Sewage Disposal Method** (check applicable boxes)

a.  Sewerage System  
 Existing (connection only)  New (extension)  
 Public  Private  
 Pump Station(s)/Force Main  Gravity  
 Name of existing system being extended \_\_\_\_\_  
 Interceptor Name Ex MH, 10" San Line 3195 Chamb. Rd.  
 Treatment Facility Name PAWC Sewer Facility Castown/McKneightown  
 NPDES Permit # \_\_\_\_\_  
 b.  Construction of Treatment Facility  
 With Stream Discharge  
 With Land Application (not including IRSIS)  
 Other  
 Repair?  
 Name of waterbody where point of discharge is proposed (if stream discharge)  
 \_\_\_\_\_

c.  Onlot Sewage Disposal Systems (check appropriate box)  
 Individual onlot system(s) (including IRSIS)  
 Community onlot system  
 Large-Volume onlot system  
 d.  Retaining tanks  
 Number of Holding Tanks \_\_\_\_\_  
 Number of Privies \_\_\_\_\_

**7.  Request Sewage Facilities Planning Module forms in electronic format**

**8. Request for Planning Exemption**

a. Protection of rare, endangered or threatened species  
 Check one:  
 The "PNDI Project Environmental Review Receipt" is attached.  
 or  
 A completed "PNDI Project Planning & Environmental Review Form," (PNDI Form) is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning exemption will be considered incomplete and that the DEP processing of my planning exemption request will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdictional agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials ZSP

b.  Plot Plan Attached  Site Reports Attached

c. Onlot Disposal Systems

(1) I certify that the Official Plan shows this area as an onlot service area.

\_\_\_\_\_/\_\_\_\_\_  
 (Signature of Municipal Official) Date  
 \_\_\_\_\_/\_\_\_\_\_  
 Name (Print) Title

Municipality (must be same as in 2.b.)

Telephone # \_\_\_\_\_

(2) I certify that each lot in this subdivision has been tested and is suitable for both a primary and replacement sewage disposal system.

\_\_\_\_\_/\_\_\_\_\_  
 Signature of SEO Date  
 \_\_\_\_\_/\_\_\_\_\_  
 Name (Print) Certification #  
 Telephone # \_\_\_\_\_

(3) I certify that each lot in this subdivision is at least 1 acre in size

\_\_\_\_\_/\_\_\_\_\_  
 (Signature of Project Applicant/Agent) Date

d. Public Sewerage Service (i.e., ownership by municipality or authority)

Based upon written documentation, I certify that the facilities proposed for use have capacity and that no overload exists or is projected within 5 years. (Attach documents.)

\_\_\_\_\_/\_\_\_\_\_  
 (Signature of Municipal Official) Date  
 \_\_\_\_\_/\_\_\_\_\_  
 Name (Print) Title

Municipality (must be same as in 2.b.)

Telephone # \_\_\_\_\_

**Return Correspondence/Forms to:**  
SLS & Geomatics

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108 Longstreet Dr.

---

Gettysburg, PA 17325

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sls.geomatics@comcast.net

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**DEPARTMENT OF ENVIRONMENTAL PROTECTION**

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909 Elmerton Ave.

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Harrisburg, PA 17110-8200

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DEP USE	
<b>Components Sent</b>	
Onlot Disposal	<input type="checkbox"/>
Collection and Treatment	<input type="checkbox"/>
Planning Agency Review	<input type="checkbox"/>
Exempt from Planning	<input type="checkbox"/>
Code	_____
Date	_____



**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-13.** If the requested service territory was not previously included in Franklin Township's, DEP-approved Act 537 Plan, please provide a copy of the DEP-approved sewage facilities planning module for the proposed subdivision

**Response:** Please see response to A-12.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-14.** Please identify the DEP permitted treatment capacity of PAWC-WD's Franklin Township Wastewater Treatment Plant.

**Responses:** The Franklin Township Wastewater Treatment Plant has a permitted treatment of capacity as follows:

- Permitted Effluent Discharge rate of 0.200 MGD
- Hydraulic Design Capacity is 0.500 MGD

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-15.** Please provide a copy of the most recent Chapter 94 Municipal Wasteload Management Report PAWC-WD filed with the DEP for its wastewater facilities in Franklin Township

**Responses:** Please see the Chapter 94 Report attached as **Attachment A-15**.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

3800-FM-BPNPSM0507 4/2014  
Chapter 94 Report



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

## CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT

For Calendar Year: 2022

- Permittee is owner and/or operator of a POTW or other sewage treatment facility  
 Permittee is owner and/or operator of a collection system tributary to a POTW not owned/operated by permittee

GENERAL INFORMATION			
Permittee Name:	Pennsylvania American Water	Permit No.:	PA00248088 A-1
Mailing Address:	852 Wesley Drive	Effective Date:	June 1, 2020
City, State, Zip:	Mechanicsburg, PA 17055	Expiration Date:	May 31, 2025
Contact Person:	Stephen DeFriece	Renewal Due Date:	December 2, 2024
Title:	Staff Engineer	Municipality:	Franklin Township
Phone:	717-550-1608	County:	Adams
Email:	Stephen.defriece@amwater.com	Consultant Name:	N/A
CHAPTER 94 REPORT COMPONENTS			
<p>1. Attach to this report a line graph depicting the monthly average flows (expressed in MGD) for each month for the past 5 years and projecting the flows for the next 5 years. The graph must also include a line depicting the hydraulic design capacity per the WQM permit. (25 Pa. Code § 94.12(a)(1))</p> <p><b>Check the appropriate boxes:</b></p> <p><input checked="" type="checkbox"/> Line graph for flows attached (<b>Attachment 2</b>)</p> <p><input checked="" type="checkbox"/> DEP Chapter 94 Spreadsheet used (<b>Attachment 1</b>)</p> <p><input type="checkbox"/> Section 1 is not applicable (report is for a collection system).</p>			
<p>2. Attach to this report a line graph depicting the monthly average organic loads (express as lbs BOD5/day) for each month for the past 5 years and projecting the organic loads for the next 5 years. The graph must also include a line depicting the organic design capacity of the treatment plant per the WQM permit. (25 Pa. Code § 94.12(a)(2))</p> <p><b>Check the appropriate boxes:</b></p> <p><input checked="" type="checkbox"/> Line graph for organic loads attached (<b>Attachment 3</b>)</p> <p><input checked="" type="checkbox"/> DEP Chapter 94 Spreadsheet used (<b>Attachment 1</b>)</p> <p><input type="checkbox"/> Section 2 is not applicable (report is for a collection system).</p>			
<p>3. If the DEP Chapter 94 Spreadsheet was not used to determine projections, discuss the basis for the hydraulic and organic projections. In all cases, include a description of the time needed to expand the plant to meet the load projections, if necessary, and data used to support the projections should be included in an appendix to this report. (25 Pa. Code § 94.12(a)(3))</p> <p><b>Projects based off historical average plus input from developers and Township.</b></p>			

4. Attach a map showing all sewer extensions constructed within the past calendar year, sewer extensions approved or exempted in the past year in accordance with Act 537 and Chapter 71, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary planning stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served. (25 Pa. Code § 94.12(a)(4))

**Check the appropriate boxes:**

- Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects attached (**Attachment** )
- List summarizing each extension or project attached (**Attachment** )
- Schedules describing how each project will be completed over time and effects attached (**Attachment** )

**Comments:**

**No new sewer extension were constructed in 2022.**

**See report naritive "Proposed Sewer Extension" for proposed extensions**

5. Discuss the permittee's program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities, personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and, where applicable, maintenance and control of combined sewer regulators during the past year. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(5))

**See report narrative**

6. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, CSOs, SSOs, excessive infiltration and other system problems. Attach a separate sheet if necessary. (25 Pa. Code § 94.12(a)(6))

**Check the appropriate boxes:**

- System experienced capacity-related bypassing, SSOs or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.
- System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

**Comments:**

**See report narrative**

7. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station. (25 Pa. Code § 94.12(a)(7))

**Check the appropriate boxes:**

- The collection system does not contain pump stations  
 The collection system does contain pump stations (Number – 1)  
 Discussion of condition of each pump station attached (**Attachment** )

8. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information listed below. (25 Pa. Code § 94.12(a)(8))

- a. A copy of any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94, if it has not previously been submitted.
- b. A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into the sewer system during the past year.
- c. A discussion of specific problems in the sewer system or at the plant, known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the plant or in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

**Check the appropriate boxes:**

- Industrial waste report as described in 8 a., b. and c. attached (**Attachment** )  
 Industrial pretreatment report as required in an NPDES permit attached (**Attachment** )

9. Existing or Projected Overload.

**Check the appropriate boxes:**

- This report demonstrates an existing hydraulic overload condition.  
 This report demonstrates a projected hydraulic overload condition.  
 This report demonstrates an existing organic overload condition.  
 This report demonstrates a projected organic overload condition.

If one or more boxes above have been checked, attach a Corrective Action Plan (CAP) to reduce or eliminate present or projected overloaded conditions under §§ 94.21 and/or 94.22 (relating to existing overload and projected overload). (25 Pa. Code § 94.12(a)(9))

- Corrective Action Plan attached (**Attachment** )

10. Where required by the NPDES permit, attach a Sewage Sludge Management inventory that demonstrates a mass balance of solids coming in and leaving the facility over the previous calendar year.

- Sewage Sludge Management Inventory attached (**Attachment** )

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Chapter 94 Report

11. For facilities with CSOs and where required by the NPDES permit, attach an Annual CSO Report (including satellite combined sewer systems).

Annual CSO Report attached (**Attachment** )

12. For POTWs, attach a calibration report documenting that flow measuring, indicating and recording equipment has been calibrated annually. (25 Pa. Code § 94.13(b))

Flow calibration report attached (**Attachment 4**)

### RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

**Bruce Aiton, VP Engineering**

Bruce Aiton

Name of Responsible Official

Signature

**717-550-1610**

03/07/2023

Telephone No.

Date

### PREPARER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared by me or otherwise under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

**Stephen DeFriece**



Name of Preparer

Signature

**717-550-1608**

3/6/2022

Telephone No.

Date



## CHAPTER 94 MUNICIPAL WASTELOAD MANAGEMENT ANNUAL REPORT INSTRUCTIONS

This form has been developed to promote consistency in the development of annual municipal wasteload management reports ("Chapter 94 reports") required by 25 Pa. Code § 94.12. At least two copies of the complete report must be submitted to the appropriate regional office of the Department of Environmental Protection (DEP) by March 31.

Enter the calendar year that the report covers at the top of the form. Check the appropriate box to indicate whether the permittee is the owner/operator of a publicly owned treatment works (POTW) or other sewage treatment facility, or is the owner/operator of a sewage collection system that is tributary to a POTW owned/operated by a different entity.

### General Information

Record the name of the permittee, the permittee's full mailing address, the permittee's contact person and this person's title, phone number and email address. Also record the permit number (NPDES or WQM), the effective date of permit coverage, the expiration date of permit coverage (if applicable), the date by which an application or NOI is due for reissuance (renewal) (if applicable), the municipality and county where the sewage treatment facility or collection system is located, and the name of the consultant (company name), if any, who assisted in the preparation of the form.

### Chapter 94 Report Components

This section requests responses to 12 questions that, if applicable, must be addressed for a complete Chapter 94 report. Questions 1 – 9 and 12 come directly from the Chapter 94 regulations, i.e., 25 Pa. Code §§ 94.12(a)(1) – 94.12(a)(9) and 94.13(b). Some questions request that you check an appropriate box, attach the information requested, and specify the attachment number, while responses to other questions may be entered directly on the form.

For Questions 1 and 2, permittees may use DEP's Chapter 94 Spreadsheet to satisfy 25 Pa. Code §§ 94.12(a)(1) and 94.12(a)(2), respectively. DEP encourages use of the Chapter 94 Spreadsheet to provide consistency in the format and calculations associated with hydraulic and organic load evaluations (see [www.depweb.state.pa.us/chapter94](http://www.depweb.state.pa.us/chapter94)). If the Chapter 94 Spreadsheet was used, check the appropriate box(es) and attach printouts of the data and graphs to the Chapter 94 report. If this report is being used for a collection system only, these graphs are not needed.

For Question 6, if the permittee checks the box that there were capacity-related bypasses or SSOs during the report year, in general the box for existing hydraulic overload in Question 9 should be checked. If the permittee checks the box in Question 6 because surcharging occurred during the report year, in general the box for projected hydraulic overload in Question 9 should be checked.

For Question 8, if the permittee has an EPA-approved pretreatment program, attachment of an annual pretreatment report as required in an NPDES permit will satisfy the requirement for an industrial waste report.

For Question 10, if a permit requires a "Sewage Sludge Management" inventory, check the appropriate box if the inventory is attached to the Chapter 94 report.

For Question 11, if an NPDES permit (individual permit or, for satellite collection systems, PAG-06 General NPDES permit coverage) requires an Annual CSO (Status) report, attach the CSO report to the Chapter 94 report and check the appropriate box.

### Certification

In accordance with 25 Pa. Code § 94.12(a), both the individual who prepared the report and (a responsible official of) the permittee must sign the report. The term "responsible official" for a municipality is a principal executive officer or ranking elected official.

Questions on the completion of Chapter 94 reports may be directed to DEP's Bureau of Point and Non-Point Source Management at (717) 787-8184 or to the appropriate DEP regional office (contact information available by visiting DEP's website, [www.depweb.state.pa.us](http://www.depweb.state.pa.us), and selecting Regional Resources).



CHAPTER 94 MUNICIPAL  
WASTELOAD MANAGEMENT REPORT  
PENNSYLVANIA AMERICAN WATER  
FRANKLIN HAMILTONBAN WASTEWATER TREATMENT PLANT  
AND COLLECTION SYSTEM  
ADAMS COUNTY  
NPDES: PA0248088  
OPERATING YEAR: 2022



CHAPTER 94 MUNICIPAL  
WASTELOAD MANAGEMENT REPORT  
PENNSYLVANIA AMERICAN WATER  
FRANKLIN HAMILTONBAN WASTEWATER TREATMENT PLANT  
AND COLLECTION SYSTEM  
ADAMS COUNTY  
NPDES: PA0248088  
OPERATING YEAR: 2022

Permitee Signature: \_\_\_\_\_

Jon Prawdzik, Sr. Manager, Central PA Operations  
Pennsylvania – American Water Company

Report Preparer Signature: \_\_\_\_\_

Stephen DeFriece Staff Engineer  
Pennsylvania – American Water Company

## **Introduction**

As required by Chapter 94, Municipal Wasteload Management, Title 25 Rules and Regulations, of the Department of Environmental Protection (DEP), this report has been prepared to summarize the hydraulic and organic loadings of the Franklin Wastewater Treatment Facility and to assess the current and future planning needs of the wastewater collection and treatment systems.

The Plant was placed into service in December 2009 and was owned and operated by the Franklin Township Municipal Sewer Authority prior to its acquisition in August 2013 by PAWC.

The Franklin WWTP is a dual basin Sequencing Batch Reactor (SBR) which operates under DEP National Pollutant Discharge Elimination System (NPDES) Permit No. PA0248088, has the permitted effluent discharge rate of 0.200 MGD, a hydraulic design capacity of 0.500 MGD which is used in this report to help determine whether a "hydraulic overload" situation exists, as defined in Title 25 Pa. Code Chapter 94. The Plant includes influent fine screening, biological treatment using SBR technology, redundant UV Disinfection System. Waste activated sludge is digested in the plant's digester. Digested sludge is hauled out for disposal by a private hauler. Hauled waste is not accepted at the treatment plant.

## **Sewage Pumping Stations**

There is one pump station within the Franklin Collection System, that's located at the former Hamiltonban treatment plant.

PAWC Franklin Township collection system has one pump station that was constructed and placed into service in April 2016 for the conveyance of the Hamiltonban sewage flows. The design was based upon the Hamiltonban permitted average daily flow of 50,000 gpd and a peak instantaneous flow of 200,000 gpd. The design flowrate of the pump station is for 94,000 gpd average and 374,000 gpd peak instantaneous. Actual flow from the pump station in 2022 was 19,340 gpd average with a maximum average daily flow of 37,446 gpd. The pump station has two Flygt NP 3171 SH 3-277 35 HP submersible pumps that each could yield 271 gpm at 169 ft TDH.

## **Sampling & Monitoring**

Analysis of the Franklin Hamiltonban WWTP influent, effluent and sludge was conducted in 2022 by LABS Inc, DEP ID 01-550, except for DO, and pH, which are analyzed in-house by plant staff. Sampling frequency is conducted in strict accordance with the NPDES permit guidelines.

## **Sludge Management**

All liquid sludge for 2022 was transported to PAWC's New Cumberland WWTP where the sludge is blended in an aerobic digester/storage tank prior to dewatering and ultimate disposal at the Modern Landfill in Lower Windsor and Windsor Townships, York County under DEP Permit No. 100113. During 2022, approximately 90,000 gallons of liquid sludge was removed at an average percent Total Solids content of 2.56%.

## **System Condition**

Much of the wastewater collection system was constructed in 2009 and is considered to be in excellent condition. Preventive maintenance and repairs are performed on an as needed bases.

During 2021 the existing Chlorine Disinfection System was replaced with a new redundant UV Disinfection System.

The treatment facility is maintained and operated by PAWC personnel and was newly constructed during the year 2009 and therefore is in excellent condition. Preventive maintenance and repairs are performed on an as needed bases.

## **Report Data**

The data presented in this report was obtained from the 2022 operating records and discharge-monitoring reports (DMRs) prepared by the facility Operator. Data for the previous 5 years of operation was obtained from the previous Chapter 94 Report.

## **Flow Metering**

Flow metering is provided on the influent side by a Thermo Electronics mag flow meter and recorded on a totalizer. The flow meter is inspected annually, and the testing and calibration report is attached to this document as Attachment 4.

## **Industrial Wastes**

There are no discharges of industrial waste into the Franklin Hamiltonban Wastewater System.

## **2022 Sewer Connections/Extensions**

In 2016 PAWC decommissioned the existing Hamiltonban wastewater treatment facility and constructed a sewage pumping station to direct the flow to the Franklin Township wastewater treatment facility. However, the 158 EDU's that were redirected to the Franklin wastewater facility were not captured in previous Chapter 94 reports. This oversight has been corrected and the 158 EDU's are now reflected in the existing EDU's for 2022.

Two (2) new residential connection were added to the system in 2022

## **Proposed Sewer Extensions**

There are two (2) proposed sewer extension

3161 Chambersburg Rd that will consist of 4 EDU's that will include 4 grinder pump stations and approximately 400LF of 1 ¼" HDPE low pressure sewer line. A service area expansion request has been submitted to the PUC for review and approval.

Old Route 30 Subdivision is in the early stages of design and is proposing a 59 lot single family home development.

Knouse Foods has express interest in sending wastewater from their Food Processing Facility to the Franklin Hamiltonban WWTP, there are no agreements in place.

## **Overload Reduction**

The Franklin Hamiltonban Wastewater System shows a moderate level of hydraulic and organic loading. The following hydraulic and organic loading sections show hydraulic or organic overload reduction is not necessary at this time.

## **Hydraulic Loading**

The Franklin WWTP has a design hydraulic capacity of 0.500 million gallons per day (MGD). The annual average flow for 2022 was 0.0794 MGD. Attachment 1 illustrates the results of the calculations for the annual-average hydraulic loading, and the peak three-month hydraulic loading for each of the past five years. In 2022, the peak three-month hydraulic loading to the plant was 0.0995 MGD, recorded from December 2021 through February 2022. The ratio of peak three-month flow to annual-average flow for 2022 is 1.25. Attachment 1 shows the historic flow data for the system.

## **Projection of Hydraulic Loading**

The projections for the annual-average hydraulic loading and the peak three-month hydraulic loading on the plant for the next five years (2023 to 2027) were based on the average flows from the previous five years and the expected number of new connections to the system over the next five years. The projected value of 250 gpd per EDU was multiplied by the anticipated number of EDUs to be connected to the system in each of the next five years. This value was added to the average of the previous five years' flows to determine the projected hydraulic loading. The future peak three-month flow was calculated by multiplying the projected annual average flow by the average ratio of maximum three month average flow to annual average flow recorded for the previous five years. Based on the projected loadings, the Franklin WWTP has adequate capacity for the next five years. Attachment 2

shows a graphical representation of the previous five years of flow data with the projected flows through the year 2027.

### **Inflow and Infiltration**

Based upon the five year peak-to-average flow ratio of 1.25 the Franklin Hamiltonban system is considered to have only a minimal infiltration and inflow problem.

### **Organic Loading**

The design organic capacity of the Franklin WWTP is 459 pounds per day which is based on 0.500 MGD capacity. Attachment 1 presents the organic loading data for the previous 5 years. During 2022, the annual average organic loading to the wastewater treatment plant was 171 pounds per day. The peak organic loading of 278 pounds per day was recorded in December of 2022. The ratio of peak organic loading to annual average loading for 2022 was 1.63.

### **Projection of Organic Loadings**

Organic loading projections for the five-year period from 2023 to 2027 were developed from the average organic load rate over the last five years and the estimated number of new EDU's to be added to the system over the next five years. The five-year average value of 0.477 lbs per EDU was then multiplied by the estimated number of new EDU's to project the additional annual average organic loading on the plant for the next five years. Attachment 3 shows a graphical representation of the previous five years of loading data with the projected loads through the year 2027.

## Attachments

Attachment 1 – DEP Chapter 94 Spreadsheet

Attachment 2- 5-Year Measured and Projected Hydraulic Loads

Attachment 3 - 5-Year Measured and Projected Organic Loads

Attachment 4 – Flow Meter Calibration Certificate

Attachment 5 – Service Map

**Attachment 1**

**5-Year Measured and Projected Hydraulic Loads**



**PADEP Chapter 94 Spreadsheet  
Sewage Treatment Plants**

Reporting Year:

Persons/EDU:

lbs BOD5/day:

Year:

lbs BOD5/day:

Permit No.:

Existing Organic Design Capacity:  
Upgrade Planned in Next 5 Years?

Future Organic Design Capacity:

Facility Name:

Existing Hydraulic Design Capacity:  
Upgrade Planned in Next 5 Years?

Year:

MGD

Future Hydraulic Design Capacity:

MGD

**Monthly Average BOD5 Loads for Past Five Years (lbs/day)**

Month	2018	2019	2020	2021	2022
January	242	142	126	149	188
February	91	120	191	253	260
March	176	90	200	358	193
April	200	317	230	177	219
May	190	120	203	331	161
June	169	170	130	91	112
July	114	106	141	192	130
August	128	86	149	189	93
September	150	123	124	150	147
October	71	135	118	244	95
November	144	145	163	183	175
December	90	198	150	163	278

**Monthly Average Flows for Past Five Years (MGD)**

Month	2018	2019	2020	2021	2022
January	0.119	0.1006	0.0635	0.0676	0.0935
February	0.132	0.0859	0.0813	0.089	0.1171
March	0.098	0.0974	0.0719	0.0967	0.0689
April	0.109	0.0919	0.0864	0.0895	0.0908
May	0.102	0.1168	0.0849	0.0753	0.1116
June	0.107	0.0687	0.0575	0.0586	0.0605
July	0.121	0.0637	0.0517	0.0662	0.0635
August	0.094	0.062	0.066	0.0638	0.0611
September	0.147	0.067	0.0581	0.1073	0.066
October	0.065	0.0682	0.0664	0.1004	0.0633
November	0.133	0.0686	0.062	0.0982	0.0606
December	0.104	0.0686	0.0809	0.0879	0.0958

**Monthly Average BOD5 Loads for Next Five Years (lbs/day)**

Month	2023	2024	2025	2026	2027
Annual Avg	147	146	160	207	171
Max Mo Avg	242	317	230	358	278
Max : Avg Ratio	1.65	2.17	1.43	1.73	1.63
Existing EDUs Load/EDU	323	324	324	327	487
Load/EDU	0.455	0.451	0.495	0.632	0.351
Load/Capita	0.130	0.129	0.141	0.181	0.100
Exist. Overload?	NO	NO	NO	NO	NO

**Projected Flows for Next Five Years (MGD)**

Month	2023	2024	2025	2026	2027
New EDUs	3.0	3.0	3.0	3.0	2.0
New EDU Flow	0.0007	0.0007	0.0007	0.0007	0.0005
Proj. Annual Avg	0.086	0.0867	0.0874	0.0881	0.0886
Proj. Max 3-Mo Avg	0.1047	0.1056	0.1064	0.1073	0.1079
Proj. Overload?	NO	NO	NO	NO	NO

**Projected BOD5 Loads for Next Five Years (lbs/day)**

Month	2023	2024	2025	2026	2027
New EDU Load	3	3	3	3	2
Proj. Annual Avg	1.430	1.430	1.430	1.430	0.954
Proj. Max Avg	1.68	1.69	1.71	1.72	1.73
Proj. Overload?	NO	NO	NO	NO	NO

**Projected Flows for Next Five Years (MGD)**

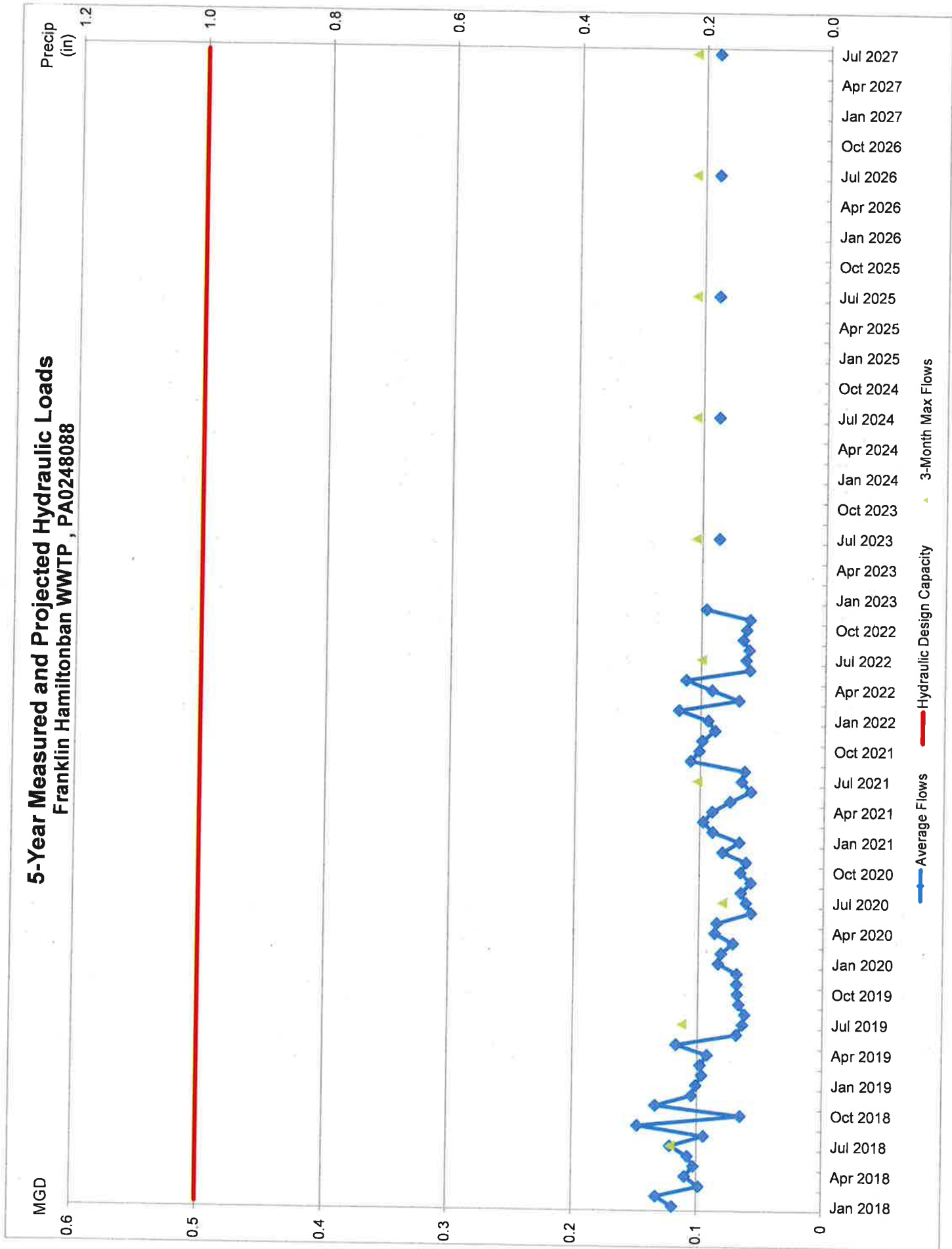
Month	2023	2024	2025	2026	2027
New EDUs	3.0	3.0	3.0	3.0	2.0
New EDU Flow	0.0007	0.0007	0.0007	0.0007	0.0005
Proj. Annual Avg	0.086	0.0867	0.0874	0.0881	0.0886
Proj. Max 3-Mo Avg	0.1047	0.1056	0.1064	0.1073	0.1079
Proj. Overload?	NO	NO	NO	NO	NO

**Show Precipitation Data on Hydraulic Graph?**

**Total Monthly Precipitation for Past Five Years (Inches)**

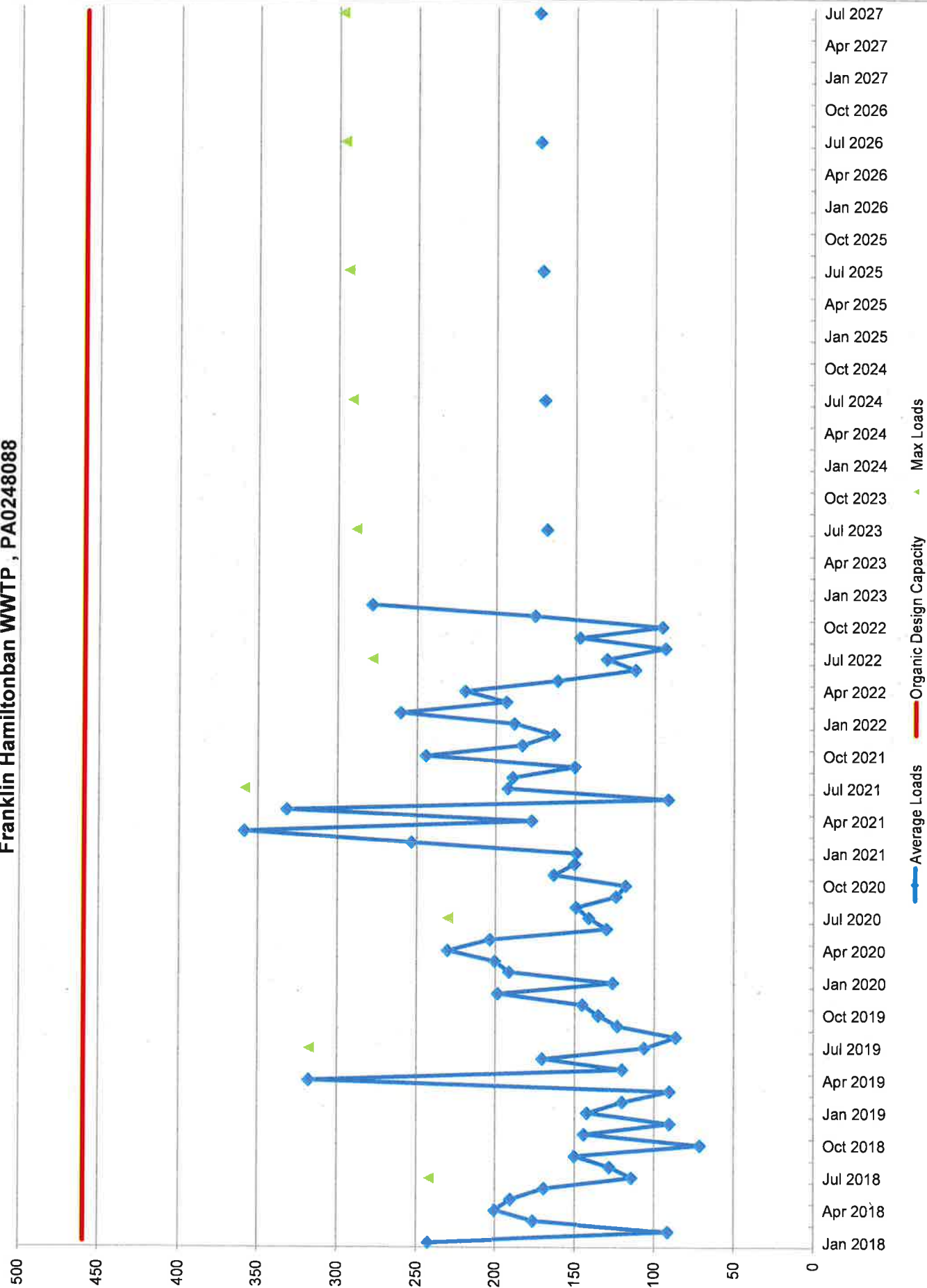
Month	2018	2019	2020	2021	2022
January	6.7	5.03	3.25	1.52	1.57
February	8.22	3.51	2.8	3.71	2.25
March	2.46	4.62	3.41	3.52	0.91
April	7.28	5.66	4.93	3.17	2.78
May	9.96	7.77	4.81	3.22	5.63
June	8.48	3.33	1.17	2.61	2.02
July	15.84	4.47	3.92	3.0	3.26
August	13.92	3.28	3.9	3.66	2.22
September	19.72	0.52	1.96	6.65	3.88
October	4.62	6.46	3.68	3.36	1.5
November	14.3	2.89	2.69	1.61	2.71
December	12.72	4.38	5.44	1.13	3.83

**Attachment 2**  
**5-Year Measured and Projected Organic Loads**



**Attachment 3**  
**DEP Chapter 94 Spreadsheet**

**5-Year Measured and Projected Organic Loads**  
 Franklin Hamiltonban WWTP , PA0248088



**Attachment 4**  
**Flow Meter Calibration Certificate**



# Control Systems 21

"Your Process Control Specialists"

## CERTIFICATE of CALIBRATION

Cal Certificate # 76325

**Company Name** FranklinTownship Sewer  
55 Scott School Road  
Ortanna, PA 17353

**Instrument ID** CT-01

**Description** Ohaus Lab Scale  
**Manufacturer** Ohaus  
**Model Number** Pioneer  
**Serial Number** PA64  
**Location** Lab  
**Building** N/A  
**Department** N/A

**Status** Active  
**Temp °F** 70  
**Cal Proc** 4,10  
**Adjusted To Improve** No  
**Calibration Frequency** Annual  
**Calibrated** 12/13/2022  
**Next Due Date** 12/31/2023

### Calibration Specifications

Test Point	Ref Standard	Tol	UUT As Found	P/F	UUT As Left	P/F	Dev
1	4.54 Grams	+/-0.5000	4.5381 Grams	P	4.5381 Grams	P	-0.0019
2	22.70 Grams	+/-0.5000	22.6916 Grams	P	22.6916 Grams	P	-0.0084
3	45.40 Grams	+/-0.5000	45.3809 Grams	P	45.3809 Grams	P	-0.0191

### Calibration Standards Used

Test Instrument ID	Manufacturer	Model Number	Serial Number	Next Cal Date
1251	Unknown	.001-10 lbs	NONE	3/31/2023

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print.

All results with this certification relate only to the item(s) calibrated. This certificate shall not be reproduced except in full and with written consent of Control Systems 21. Unless otherwise noted all calibrations were performed in the field at the customers location.

Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired.

### Remarks or Special Requirements:

Calibration Result: Calibration Successful

Calibrated By: Sam Hackenberger

Finalized By: Sam Hackenberger 13 December 2022 12:56:49PM  
Quality Manager

Print Date: 12/13/2022

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email@controlsystems21.com



# Control Systems 21

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## CERTIFICATE of CALIBRATION

Cal Certificate # 76326

**Company Name** Franklin Township Sewer  
55 Scott School Road  
Ortanna, PA 17353

**Instrument ID** CT-03

**Description** Flowmeter  
**Manufacturer** Thermo Electron  
**Model Number** DCT6088  
**Serial Number** N/A  
**Location** Lab  
**Building** N/A  
**Department** N/A

**Status** Active  
**Temp °F** 70  
**Cal Proc** 4.9  
**Adjusted To Improve** No  
**Calibration Frequency** Annual  
**Calibrated** 12/13/2022  
**Next Due Date** 12/31/2023

### Calibration Specifications

Test Point	Ref Standard	Expected	Tol	UUT As Found	P/F	UUT As Left	P/F	Dev
1	0.00 GPM	4.00 mA	+/-0.80	4.00 mA	P	4.00 mA	P	0.00
2	500.00 GPM	12.00 mA	+/-0.80	12.00 mA	P	12.00 mA	P	0.00
3	1,000.00 GPM	20.00 mA	+/-0.80	20.00 mA	P	20.00 mA	P	0.00

### Calibration Standards Used

Test Instrument ID	Manufacturer	Model Number	Serial Number	Next Cal Date
4224	Fluke	179	49340496	5/31/2023

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

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**Please note:** any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

### Remarks or Special Requirements:

Calibration Result: Calibration Successful

Calibrated By: Sam Hackenberger

Finalized By: Sam Hackenberger 13 December 2022 1:01:34PM  
Quality Manager

Print Date: 12/13/2022

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# Control Systems 21

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## CERTIFICATE of CALIBRATION

Cal Certificate # 76327

**Company Name** FranklinTownship Sewer  
55 Scott School Road  
Ortanna, PA 17353

**Instrument ID** CT-04

**Description** Recorder  
**Manufacturer** Honeywell  
**Model Number** DR45A1-1000  
**Serial Number** 0821Y877854900001  
**Location** Lab  
**Building** N/A  
**Department** N/A

**Status** Active  
**Temp °F** 70  
**Cal Proc** 4.2  
**Adjusted To Improve** No  
**Calibration Frequency** Annual  
**Calibrated** 12/13/2022  
**Next Due Date** 12/31/2023

### Calibration Specifications

Test Point	Ref Standard	Expected	Tol	UUT As Found	P/F	UUT As Left	P/F	Dev
1	4.00 mA	0.0 GPM	+/-50.0	0.0 GPM	P	0.0 GPM	P	0.0
2	12.00 mA	500.0 GPM	+/-50.0	500.0 GPM	P	500.0 GPM	P	0.0
3	20.00 mA	1,000.0 GPM	+/-50.0	1,000.0 GPM	P	1,000.0 GPM	P	0.0

### Calibration Standards Used

Test Instrument ID	Manufacturer	Model Number	Serial Number	Next Cal Date
743	Fluke	725	48200124MV	10/31/2023

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

### Remarks or Special Requirements:

Calibration Result: Calibration Successful

Calibrated By: Sam Hackenberger

Finalized By: Sam Hackenberger 13 December 2022 1:02:08PM  
Quality Manager



# Control Systems 21

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## CERTIFICATE of CALIBRATION

Cal Certificate # 76328

**Company Name** FranklinTownship Sewer  
55 Scott School Road  
Ortanna, PA 17353

**Instrument ID** CT-02

**Description** Oven Thermometer  
**Manufacturer** N/A  
**Model Number** 76 MM Imersion  
**Serial Number** NA  
**Location** Lab  
**Building** N/A  
**Department** N/A

**Status** Active  
**Temp °F** 70  
**Cal Proc** 4.4A  
**Adjusted To Improve** No  
**Calibration Frequency** Annual  
**Calibrated** 12/13/2022  
**Next Due Date** 12/31/2023

### Calibration Specifications

**Group Name** Oven Thermometer

Test Point	Ref Standard	Tol	UUT As Found	P/F	UUT As Left	P/F	Dev
1	99.3 °C	+/-2.0	99.0 °C	P	99.0 °C	P	-0.3

### Calibration Standards Used

Test Instrument ID	Manufacturer	Model Number	Serial Number	Next Cal Date
14183-151	W.H. Cooke & Co.	KK20	14183-151	3/31/2024
743	Fluke	725	48200124MV	10/31/2023

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system.

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Control Systems 21 utilizes the comparison method of calibration. Results are reviewed, when applicable, and any results exceeding the agreed upon specifications are indicated by red and/or bold print

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Please note: any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

### Remarks or Special Requirements:

Calibration Result: Calibration Successful

Calibrated By: Sam Hackenberger

Finalized By: Sam Hackenberger 13 December 2022 1:06:31PM  
Quality Manager

Print Date: 12/13/2022

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# Control Systems 21

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## CERTIFICATE of CALIBRATION

Cal Certificate # 76329

**Company Name** FranklinTownship Sewer  
55 Scott School Road  
Ortanna, PA 17353

**Instrument ID** CT-05

<b>Description</b>	Hamilton Ban Flowmeter	<b>Status</b>	Active
<b>Manufacturer</b>	E&H	<b>Temp °F</b>	70
<b>Model Number</b>	Promag 400	<b>Cal Proc</b>	4,9
<b>Serial Number</b>	J4126819000	<b>Adjusted To Improve</b>	No
<b>Location</b>	Hamilton Ban	<b>Calibration Frequency</b>	Annual
<b>Building</b>	N/A	<b>Calibrated</b>	12/13/2022
<b>Department</b>	N/A	<b>Next Due Date</b>	12/31/2023

### Calibration Specifications

**Group Name** On Board Diagnostics/Verification

<u>Test Point</u>	<u>Ref Standard</u>	<u>UUT As Found</u>	<u>P/F</u>	<u>UUT As Left</u>	<u>P/F</u>	<u>Dev</u>
1	Pass/Fail	Pass	P	Pass	P	0

### Calibration Standards Used

<u>Test Instrument ID</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>	<u>Next Cal Date</u>
ONBOARD CALIBRATION SOFTWARE	N/A	N/A		

Equipment listed on this cert is certified in reference to our current work instructions as part of our quality system

Where applicable and noted calibrations were performed using standards whose calibration is traceable through NIST or another National Metrology Institute to the International System of Units (SI units).

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**Please note:** any number of factors may cause the calibration item to drift out of tolerance before the calibration interval has expired

### Remarks or Special Requirements:

Calibration Result: Calibration Successful

Calibrated By: Sam Hackenberger

Finalized By: Sam Hackenberger 13 December 2022 1:45:09PM  
Quality Manager

Print Date: 12/13/2022

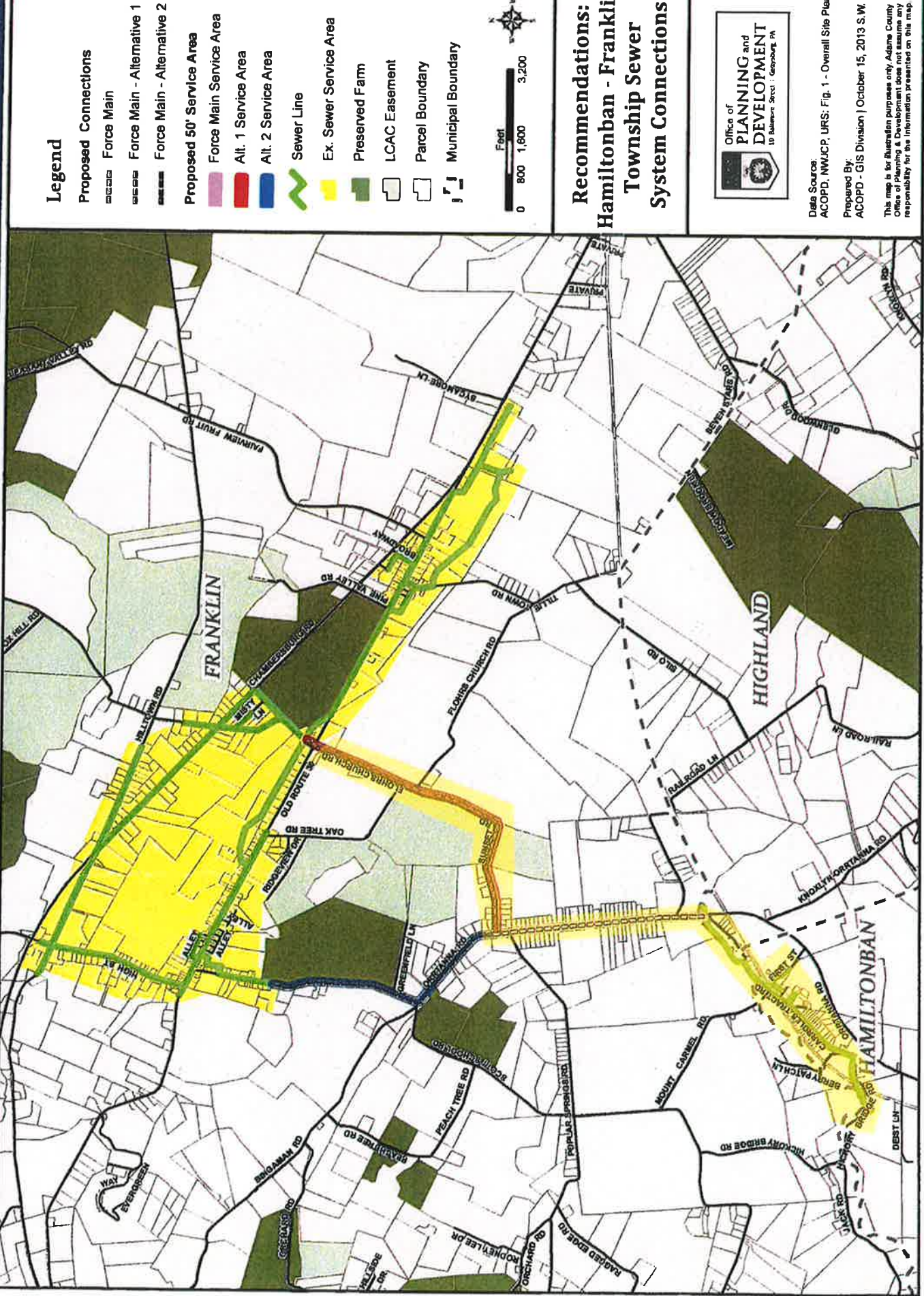
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email@controlsystems21.com

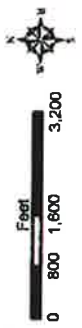
**Attachment 5**  
**Service Area Map**

# FRANKLIN/HAMILTONBAN SEWER SYSTEM SERVICE AREA



**Legend**

- Proposed Connections**
- Force Main
- Force Main - Alternative 1
- Force Main - Alternative 2
- Proposed 50' Service Area**
- Force Main Service Area
- Alt. 1 Service Area
- Alt. 2 Service Area
- Sewer Line
- Ex. Sewer Service Area
- Preserved Farm
- LCAC Easement
- Parcel Boundary
- Municipal Boundary



**Recommendations:  
Hamiltonban - Franklin  
Township Connections  
System Connections**



Data Source:  
ACOPD, NWJCP, URS; Fig. 1 - Overall Site Plan

Prepared By:  
ACOPD - GIS Division | October 15, 2013 S.W.

This map is for illustration purposes only. Adams County Office of Planning and Development does not assume any responsibility for the information presented on this map.

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-16.** Please state whether PAWC-WD and the Developer are affiliated with one another

**Response:** The Developer and PAWC are not affiliated with one another. However, in the interest of full disclosure, the Developer owns Baumgardner's Mechanical, Inc., with which PAWC contracts to perform repairs and maintenance in the Lake Heritage system.

**Responsible Witness:** Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company

**Date:** June 21, 2023

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-17.** Please explain how approval of the Application would benefit PAWC-WD's existing customers.

**Response:** Approval of this application will result in more customers being connected to PAWC's wastewater system without significant upfront capital costs required by the Company. An increase in customers along this system will allow PAWC to divide the operating costs among more customers and keep rates lower for all PAWC customers.

**Responsible Witness:** **Stephen A. DeFriece, P.E. – Staff Engineer – Engineering Projects  
Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-18.** Pursuant to the Secretarial Letter served April 26, 2023, at this docket, please provide the following:

- a. that notice of the Application was published once a week for two consecutive weeks in a newspaper having a general circulation in the area of the requested service territory; and
- b. Proof that a copy of the Application was served to the entities identified, pursuant to Commission Regulations at 52 Pa. Code, §1.57 and §1.58.

**Response:**

- a. Please see Proof of Publication Notice from the Gettysburg Times attached as **Attachment A-18-a**
- b. Please see Certificate of Service attached as **Attachment A-18-b**.

**Responsible Witness:** Jana Hurst, Paralegal  
Pennsylvania-American Water Company

**Date:** June 21, 2023

# Attachment A-18-a

## Proof of Publication of Legal Notice

Under provisions of "Newspaper Advertising Act" of Pennsylvania and its Supplements.

### STATEMENT

It is hereby stated and declared that the Gettysburg Times is a daily newspaper as defined under the "Newspaper Advertising Act" of the Commonwealth of Pennsylvania approved May 16, 1929, and its several supplements and amendments, published at its place of business in the Township of Cumberland, Adams County, Pennsylvania, and is of general circulation throughout said County. That it was established in the year 1902 and has been issued regularly and continuously circulated and distributed from its established place of business daily, from the date of its establishment to the present time; that said newspaper is owned and published by Gettysburg Times Publishing LLC, a corporate organized and existing under the laws of the State of Pennsylvania. That a legal notice, a true copy of which exactly as printed and published, is securely attached hereto, was published and appeared in the regular editions and issues of said newspaper on the following dates, viz. 12/16/2022, 12/23/2022

That all of the charges, costs and expenses, including the fee for the affidavit to this proof of publication has not been paid in full.

Carolyn Schreiber  
Advertising Clerk  
of Gettysburg Times Publishing LLC

Commonwealth of Pennsylvania } ss.:  
County of Adams

On 12/23/2022, before me, the subscriber, a Notary Public in and for said State and County personally came the above named CAROLYN SCHREIBER who having been by me duly sworn according to law on his/her oath doth depose and say that he/she is the Advertising Clerk of Gettysburg Times Publishing LLC, a corporation, and is an officer duly authorized by resolution of the Board of Directors of said corporation to make the foregoing statement and this affidavit on its behalf; that the affiant is not interested in the subject matter of the notice or advertising referred to in the foregoing statement and that all of the allegations contained in the foregoing statement as to the time, place and character of publication therein referred to are true.

Copy of \_\_\_\_\_ tion

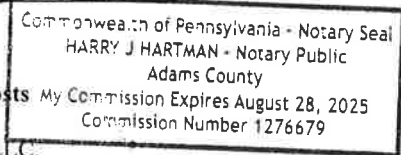
**PENNSYLVANIA  
PUBLIC UTILITY  
COMMISSION  
NOTICE TO BE  
PUBLISHED**

Application of Pennsylvania-American Water Company for Approval of the Right to Offer, Render, Furnish or Supply Water Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania (Chambersburg Road).  
Docket Number: A-2022-3037221

Carolyn Schreiber  
Advertising Clerk

Sworn to and subscribed before me the day and year aforesaid.

[Signature]  
Notary Public  
My commission expires \_\_\_\_\_



**Statement of Advertising Costs**  
Gettysburg Times  
To Gettysburg Times Publishing LLC,  
for publishing notice or advertisement attached hereto

On the above dates _____	\$304.20
Probating same _____	\$5.00
Total _____	\$309.20

Gettysburg Times Publishing LLC, a corporation, publisher of the Gettysburg Times, a daily newspaper, hereby acknowledges receipt of the amount of costs and certifies that the same have not been fully paid.

Gettysburg Times Publishing LLC, a corporation  
publisher of The Gettysburg Times, a daily newspaper

### Publisher's Receipt for Advertising Costs

confidential or proprietary material may be submitted through the Commission's Share Point File system with advanced notice to the Commission prior to submittal.

**Applicant:**  
Pennsylvania American Water Company

**Through and By Counsel:**  
Elizabeth Rose Triscari, Esquire  
Pennsylvania-American Water Company  
852 Wesley Drive  
Mechanicsburg, PA 17055  
elizabeth.triscari@amwater.com

BY THE COMMISSION

**PENNSYLVANIA  
PUBLIC UTILITY  
COMMISSION  
NOTICE TO BE  
PUBLISHED**

Application of Pennsylv  
ania-American Water  
Company for Approval  
of the Right to Offer,  
Render, Furnish or  
Supply Water Service to  
the Public in an  
Additional Portion of  
Franklin Township,  
Adams County,  
Pennsylvania  
(Chambersburg Road).  
Docket Number:  
A-2022-3037221

Formal protests and  
petitions to intervene  
must be filed in  
accordance with Title 52  
of the Pennsylvania  
Code, on or before  
Monday, January 9,  
2023. All filings must be  
made with the Secretary  
of the Pennsylvania  
Public Utility  
Commission at the  
mailing address of 400  
North Street, 2nd Floor,  
Harrisburg, PA 17120,  
O R o n t h e  
Commission's website at  
www.puc.pa.gov, with a  
copy served on the  
Applicant. The  
documents filed in  
support of the  
Application are  
available for inspection  
and copying at the  
Office of the Secretary  
between the hours of  
8:00 a.m. and 4:30 p.m.  
Monday through  
Friday, on the  
Commission's website at  
www.puc.pa.gov, and at  
the Applicant's business  
address. If a filing  
contains confidential or  
proprietary material,  
the filing is required to  
be submitted by  
overnight delivery.  
Large filings containing  
confidential or  
proprietary material  
may be submitted  
through the  
Commission's Share  
Point File system with  
advanced notice to the  
Commission prior to  
submittal.

Applicant:  
Pennsylvania American  
Water Company

Through and By  
Counsel:  
Elizabeth Rose Triscari,  
Esquire  
Pennsylvania-American  
Water Company  
852 Wesley Drive  
Mechanicsburg,  
PA 17055  
elizabeth.triscari@  
amwater.com

BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION

In re: Application of Pennsylvania-American Water :  
Company for Approval of the Right to Offer, Render, : Docket No. A-2022-3037221  
Furnish or Supply Wastewater Service to the Public in :  
an Additional Portion of Franklin Township, Adams :  
County, Pennsylvania :

CERTIFICATE OF SERVICE

I hereby certify that I am this day serving the above-referenced Application upon the persons and in the manner indicated below, which service satisfies the requirements of 52 Pa. Code §1.54 (relating to service by a party).

SERVED VIA FIRST CLASS MAIL ON JANUARY 5, 2023

Franklin Township Planning Commission  
PO Box 309  
Cashtown, PA 17310

Adams County Board of Commissioners  
117 Baltimore Street  
Gettysburg, PA 17325

Franklin Township Board of Supervisors  
PO Box 309  
Cashtown, PA 17310

Adams County Planning and Development  
670 Old Harrisburg Pike, Suite 100  
Gettysburg, PA 17325

Franklin Township Municipal Water Authority  
c/o Darrin Flake, Chairman  
PO Box 309  
Cashtown, PA 17310

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Elizabeth Rose Triscari, Esquire  
Attorney ID No. 306921  
Director, Corporate Counsel for  
Pennsylvania-American Water Company  
852 Wesley Drive  
Mechanicsburg, PA 17055  
Phone: 717-550-1574

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval to Begin to Offer, Render, Furnish or Supply Wastewater Service to the Public in an Additional Portion of Franklin Township, Adams County, Pennsylvania**

**Docket No. A-2022-3037221**

**TUS Data Request Set 1**

**A-19.** Pennsylvania-American Water Company's (PAWC) website at <https://www.amwater.com/paaw/customer-service-billing/your-water-and-wastewater-rates>, contains a link to an electronic copy of PAWC-WD's effective wastewater tariff, Supplement No. 45 to Tariff Wastewater PA P.U.C. No 16, effective April 1, 2023, that appears to be missing the First Revised Page 34 containing Section H – Line Extensions. Please update and/or revise the link provided on PAWC's website to direct users to a complete copy of PAWC-WD's effective tariff.

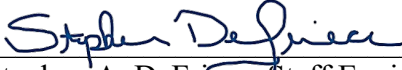
**Response:** Please see <https://www.amwater.com/paaw/customer-service-billing/your-water-and-wastewater-rates> for complete tariff.

**Responsible Witness:** **Stacey Gress, Director of Rates and Regulatory  
Pennsylvania-American Water Company**

**Date:** **June 21, 2023**

## VERIFICATION

I, STEPHEN A. DEFRIECE, hereby state that the facts above set forth in the attached Responses above 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 made herein are made subject to the penalties of 18 Pa. Cons. Stat. §4904 relating to unsworn falsification to authorities.

  
\_\_\_\_\_  
Stephen A. DeFriece, Staff Engineer  
Pennsylvania-American Water Company

Dated: 6/21/2023

## VERIFICATION

I, Stacey Gress, hereby state that the facts above set forth above 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 made herein are made subject to the penalties of 18 Pa. Cons. Stat. §4904 relating to unsworn falsification to authorities.



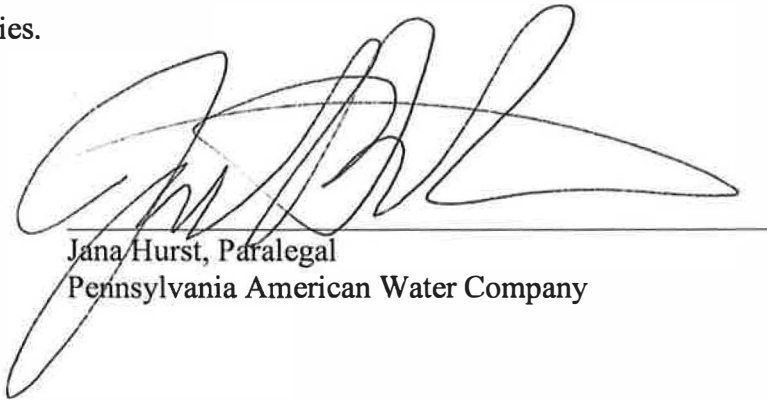
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Stacey Gress, Director Rates and Regulatory  
American Water Works Service Company

Dated: 6/20/23

**VERIFICATION**

I, Jana Hurst, hereby state that the facts above set forth above in the attached Data Responses 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 made herein are made subject to the penalties of 18 Pa. Cons. Stat. §4904 relating to unsworn falsification to authorities.



Jana Hurst, Paralegal  
Pennsylvania American Water Company

Dated: 6/21/23