



Erin K. Fure
Director, Corporate Counsel
852 Wesley Drive | Mechanicsburg, PA 17055
Phone: 717-550-1556 | Fax: 717-550-1255
erin.fure@amwater.com

August 1, 2025

VIA ELECTRONIC FILING

Matthew L. Homsher, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105-3265

**In re: Application of Pennsylvania-American Water Company –
Wastewater Division for approval of the right to offer, render, furnish
and supply wastewater service to the public in an additional portion of
Douglass Township, Berks County, Pennsylvania
Docket No. A-2025-3055740**

Dear Secretary Homsher:

In response to your Secretarial Letter of July 18, 2025, please find attached Pennsylvania-American Water Company's Responses to Set I Data Requests.

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

Sincerely,

A handwritten signature in blue ink that reads "EK Fure".

Erin K. Fure

cc: All Parties on the attached Certificate of Service (*via electronic mail*)
Paul Zander, Bureau of Technical Utility Services (*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 Douglass Township, Berks County, Pennsylvania (Evans Road)	: : : : : : :	Docket Number A-2025- 3055740
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CERTIFICATE OF SERVICE

I hereby certify that I am this day serving the above-referenced Responses upon the people 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 August 1, 2025

Darryl A. Lawrence, Consumer Advocate
Office of Consumer Advocate
555 Walnut Street
5th Floor, Forum Place
Harrisburg, PA 17101-1923
(via electronic mail)

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

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

Respectfully Submitted,



Erin K. Fure, Esquire (PA ID #312245)
Pennsylvania-American Water Company
852 Wesley Drive
Mechanicsburg, PA 17055
Phone: (717) 550-1574
Email: erin.fure@amwater.com

**Attorney for Pennsylvania-American
Water Company**

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

- A-1.** The Application's Section 12 included a description of proposed facilities to be installed by PAWC that did not separately identify the proposed facilities that will be owned and operated by PAWC and by the property owner, respectively. Please provide responses for each of the following:
- a. Specify the proposed facilities that PAWC will own and operate (e.g., X linear feet of low pressure main from PAWC's existing facilities up to and including the curb stop and the flush port, etc.); and
 - b. Confirm whether the property owner will own and operate all the other proposed facilities installed by PAWC, including the grinder pump.

Response:

- a. PAWC will own and operate 225 linear feet of low pressure main from PAWC's existing facilities up to and including the curb stop and flush port.
- b. The property owner will own and operate the other proposed facilities (including approximately 50 linear feet of 4' SCH 40 PVC Lateral, double vent, and grinder pump).

Responsible Witness: **Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region**

Date: **August 1, 2025**

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-2. In the Application's Section 18, PAWC-WD indicated it expects wastewater service to begin shortly after Application approval. Please provide an estimated timeline for PAWC-WD to complete construction and to begin to provide wastewater service in the requested territory.

Response: Construction of the new facilities should commence shortly following approval of the application. Construction will be dependent on the availability of contractors. Construction should take approximately 1 to 2 months.

Responsible Witness: **Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region**

Date: **August 1, 2025**

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC’s Responses to TUS Set I Data Requests

- A-3.** In the Application’s Section 21, PAWC-WD indicated that it will charge its Rate Zone 1 rates for service, and in the Application’s Exhibit I, PAWC-WD provided an estimate of revenues and expenses that identified unmetered rates. However, in the Application’s Section 17, PAWC-WD indicated that water service to the property is provided by Pennsylvania-American Water Company (PAWC). Please provide responses for each of the following:
- a. Clarify if PAWC-WD intends to charge Rate Zone 1 metered rates within the requested territory, and if so, please provide a revised estimate of revenues and expenses;
 - b. Clarify whether PAWC provides water service to the property or whether the property is served by a private well; and
 - c. If the property is served by a private well, explain how PAWC-WD will obtain water or wastewater usage data and provide quantities, sizes, costs, and sources of funds for any PAWC-WD owned meters (e.g., PAWC-WD will install, own, and operate one 5/8-inch water meter on the customer’s private well at an estimated cost of \$X using internally generated funds or short-term debt, etc.).

Response:

- a. PAWC intends to charge the property owner Rate Zone 1 unmetered rates.
- b. PAWC does not provide water service to 710 Evans Road, Pottstown, PA. The property is served by a private well.
- c. PAWC will not have specific sewer volume information for this property.

Responsible Witness: **Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region**

Date: **August 1, 2025**

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-4. Please clarify if PAWC-WD is affiliated with the property owner.

Response: The property owner and PAWC-WD are not affiliated with each other.

Responsible Witness: Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region

Date: August 1, 2025

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-5. PAWC-WD indicated in the Application that Exhibit J contained a letter from Douglass Township supporting the proposed wastewater project. However, the Application did not include an Exhibit J. Please provide a copy of the subject letter from Douglass Township.

Response: Please see Exhibit J at **TUS-A-5_Attachment**.

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

Date: August 1, 2025

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

TUS-A-5 Attachment

Exhibit J – Letter from Douglass Township Supporting Extension



DOUGLASS TOWNSHIP

BERKS COUNTY
1068 Douglass Drive
Boyertown, PA 19512

www.douglassberks.org
email: dougberks@comcast.net

Phone: 610-367-8500 Fax: 610-367-0360

January 28, 2025

Public Utility Commission
400 North Street
Harrisburg, PA 17120

EXHIBIT J

Re: Support for the Connection of 710 Evans Road

Dear Members of the Public Utility Commission,

I am writing on behalf of Douglass Township to express our full support for the proposed connection to the property at 710 Evans Road to the PAWC service line.

After careful consideration, we believe this project will contribute positively to the growth and development of our community by ensuring better access to essential services. The connection will not only enhance the quality of life for the residents of 710 Evans Road but will also help meet the needs of the surrounding area in terms of reliable utility services.

Douglass Township is committed to working in partnership with PAWC to facilitate the successful completion of this project. We believe that this connection aligns with our ongoing efforts to improve infrastructure and promote sustainable development within the Township.

We kindly ask that the Public Utility Commission approve this project and help bring the necessary services to the residents of 710 Evans Road.

Thank you for your attention to this matter, and please feel free to contact us should you require any further information or assistance.

Sincerely,

Kaleena Breitbarth
Township Manager
Douglass Township

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-6. The Application's certificate of service did not indicate that copies of the Application were served on Douglass Township, the Douglass Township Planning Commission, Berks County, the Berks County Planning Commission, and the Pennsylvania Department of Environmental Protection's central and regional office. Please provide a verification that a complete copy of the Application was served on each of these entities.

Response: Please see **TUS-6_Attachment**.

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

Date: **August 1, 2025**

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

TUS-A-6 Attachment

Proof of Publication that Application was Served on Municipal Entities and DEP



Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
 Harrisburg, PA 17105-3265
EFILING - FILING DETAIL

Date Created	Filing Number
7/14/2025	2841386

Your filing has been electronically received. Upon review of the filing for conformity with the Commission's filing requirements, a notice will be issued acknowledging acceptance or rejection (with reason) of the filing. The matter will receive the attention of the Commission and you will be advised if any further action is required on your part.

The date filed on will be the current day if the filing occurs on a business day before or at 4:30 p.m. (EST). It will be the next business day if the filing occurs after 4:30 p.m. (EST) or on weekends or holidays.

Docket Number: A-2025-3055740

Case Description: 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 Douglass Township, Berks County, Pennsylvania (Evans Road)

Transmission Date: 7/14/2025 2:18 PM

Filed On: 7/14/2025 2:18 PM

eFiling Confirmation Number: 2841386

File Name	Document Type	Upload Date
Proof of Publication and Notice of Service of Application - Douglass Township WW Extension.pdf	Proof of Publication	7/14/2025 2:18:14 PM

For filings exceeding 250 pages, the PUC is requiring that filers submit one paper copy to the Secretary's Bureau within three business days of submitting the electronic filing online. Please mail the paper copy along with copy of this confirmation page to Secretary, Pennsylvania Public Utility Commission, 400 North Street, Harrisburg PA 17120 a copy of the filing confirmation page or reference the filing confirmation number on the first page of the paper copy.

No paper submission is necessary for filings under 250 pages.

You can view a record of this filing and previous filings you have submitted to the PUC by using the links in the Filings menu at the top of the page. Filings that have been submitted within the last 30 days can be viewed by using the Recent Filings link. Older filings can be viewed by using the search options available in the Filing History link.



Erin K. Fure
Director, Corporate Counsel
852 Wesley Drive | Mechanicsburg, PA 17055
Phone: 717-550-1556 | Fax: 717-550-1255
erin.fure@amwater.com

July 14, 2025

VIA ELECTRONIC FILING

Matthew L. Homsher, Secretary
Commonwealth of Pennsylvania
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**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
Douglass Township, Berks County, Pennsylvania (Evans Road)
Docket No. A-2025-3055740**

Dear Secretary Homsher:

Enclosed please find a Certificate of Service which evidences that a copy of the Application was served upon the affected offices per your letter of June 13, 2025. The parties were served on July 9, 2025. The Office of Consumer Advocate and the Office of Small Business Advocate were served on June 12, 2025.

Furthermore, a Proof of Publication is also attached showing publication in the Reading Eagle for two consecutive weeks.

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

Sincerely,

A handwritten signature in blue ink that reads "Erin K. Fure".

Erin K. Fure

Enclosures

cc: All Parties on the attached Certificate of Service (via electronic mail)
Michael Evanson(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 Douglass Township, Berks County, Pennsylvania (Evans Road)	:	
	:	Docket Number
	:	A-2025-3055740
	:	
	:	
	:	

CERTIFICATE OF SERVICE

I hereby certify that I am this day serving the above-referenced filing upon the people 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 July 14, 2025

Darryl A. Lawrence, Consumer Advocate
Office of Consumer Advocate
555 Walnut Street
5th Floor, Forum Place
Harrisburg, PA 17101-1923
(via electronic mail)

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

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

Respectfully Submitted,



Erin K. Fure, Esquire (PA ID #312245)
Pennsylvania-American Water Company
852 Wesley Drive
Mechanicsburg, PA 17055
Phone: (717) 550-1574
Email: erin.fure@amwater.com

Attorney for Pennsylvania-American Water Company

**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 Douglass Township, Berks County, Pennsylvania (Evans Road)	:	
	:	Docket
	:	Number
	:	A-2025-3055740
	:	
	:	

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 OVERNIGHT MAIL ON JULY 9, 2025

Berks County Board of Commissioners
County of Berks
Berks County Services Center
633 Court Street
Reading, PA 19601

Pennsylvania Department of Environmental
Protection
Rachel Carson Building
400 Market Street
Harrisburg, PA 17101

Berks Montgomery Municipal Authority
136 Municipal Drive
Gilbertsville, PA 19525

PA Department of Environmental Protection
Reading District Office
1005 Cross Roads Boulevard
Reading, PA 19605

Borough of Boyertown
100 South Washington Street
Boyertown, PA 19512

Douglass Township Board of Supervisors
Douglass Township
1068 Douglass Drive
Boyertown, PA 19512

PA Department of Environmental
Protection
Pottsville District Office
5 West Boulevard
Pottsville, PA 17901

Douglass Township Planning Commission
Douglass Township
1068 Douglass Drive
Boyertown, PA 19512

Douglass Township Planning Commission
Douglass Township
1068 Douglass Drive
Boyertown, PA 19512

Alexander Stahl, Esquire
Aqua Pennsylvania, Inc.
762 West Lancaster Drive
Bryn Mawr, PA 19010

.

Respectfully Submitted,



Erin K. Fure, Esquire (PA ID #312245)
Pennsylvania-American Water Company
852 Wesley Drive
Mechanicsburg, PA 17055
Phone: (717) 550-1574
Email: erin.fure@amwater.com

**Attorney for *Pennsylvania-American
Water Company***

PHILADELPHIA GROUP

AFFIDAVIT OF PUBLICATION
390 Eagleview Boulevard • Exton, PA 19341

PA AMERICAN WATER CO
852 WESLEY DRIVE
MECHANICSBURG, PA 17055
Attention:

STATE OF PENNSYLVANIA,

The undersigned Richard L. Crowe, being duly sworn the he/she is the principal clerk of Reading Eagle, Reading Eagle Digital, published in Berks County for the dissemination of local or transmitted news and intelligence of a general character, which are duly qualified newspapers, and the annexed hereto is a copy of certain order, notice, publication or advertisement of:

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

IN THE MATTER OF 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 Douglass Township, Berks County, Pennsylvania. Docket Number: A-2025- 3055740

Formal protests and petitions to intervene must be filed in accordance with Title 52 of the Pennsylvania Code, on or before July 14, 2025. 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, OR on the 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.

Applicants:
Pennsylvania-American Water Company 852 Wesley Drive Mechanicsburg, PA 17055

Through and By Counsel for:
Erin K. Fure, Esquire
Pennsylvania-American Water Company
852 Wesley Drive
Mechanicsburg, PA 17055
erin.fure@amwater.com

BY THE COMMISSION

Matthew L. Homsher
Secretary
RE June 20 & 27 A-1

PA AMERICAN WATER CO

Published in the following edition(s):

Reading Eagle, Reading Eagle Digital
06/20/25, 06/27/25

Commonwealth of Pennsylvania - Notary Seal
Mary D. Allison, Notary Public
Delaware County
My commission expires October 7, 2025
Commission number 1406447

Member, Pennsylvania Association of Notaries

Sworn to the subscribed before me this 6/27/2025

Mary D. Allison

Notary Public, State of Pennsylvania
Acting in County of Delaware

Advertisement Information

Client Id: 1291502

Ad Id: 2731948

PO:

Sales Person: PRC307

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-7. The Application's Section 7 specified that a map showing the boundaries of the requested territory was included in the Application's Confidential Exhibit B-1. Please provide a non-confidential copy of this map or explain why a non-confidential copy of this map cannot be provided.

Response: Please see attached non-confidential version of Exhibit B-1 at **TUS-A-7_Attachment**.

Responsible Witness: **Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region**

Date: **August 1, 2025**

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval of
the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an
Additional Portion of Douglass Township, Berks County, Pennsylvania**

Docket No. A-2025-3055740

TUS-A-7 Attachment

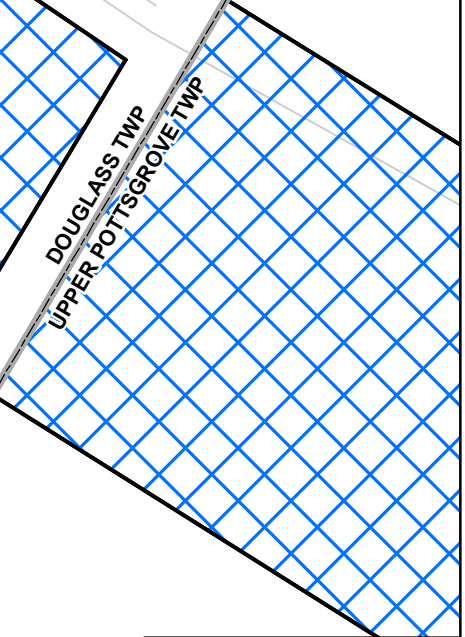
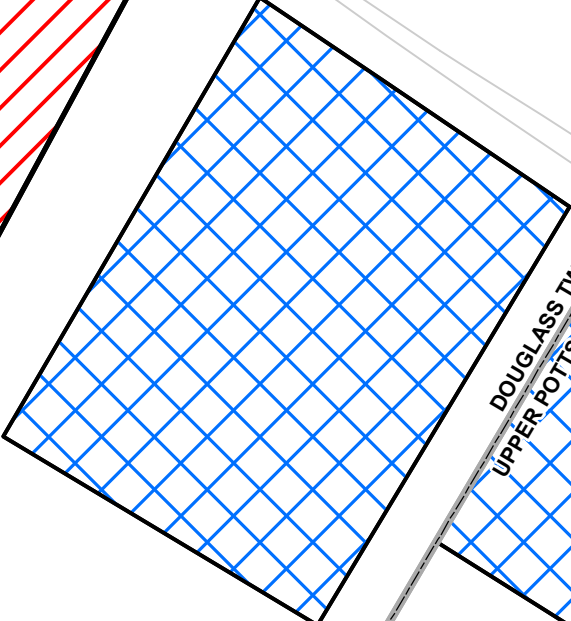
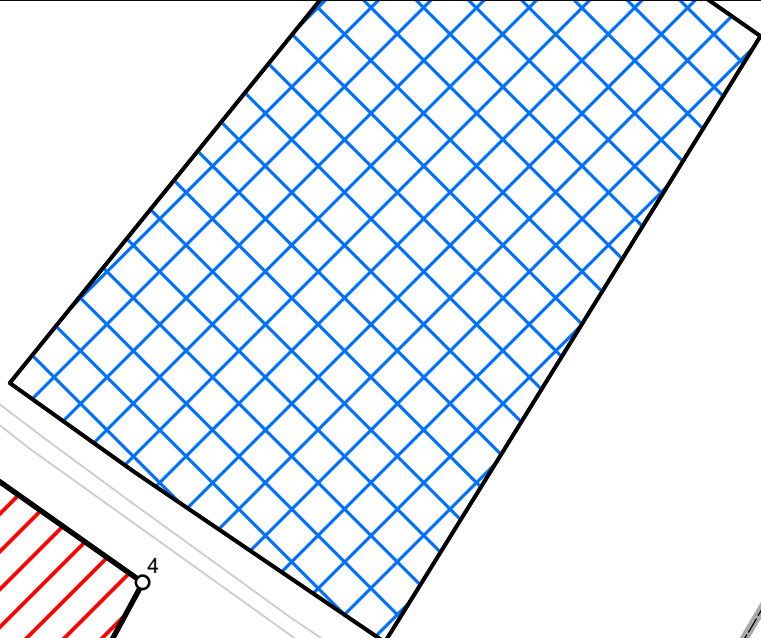
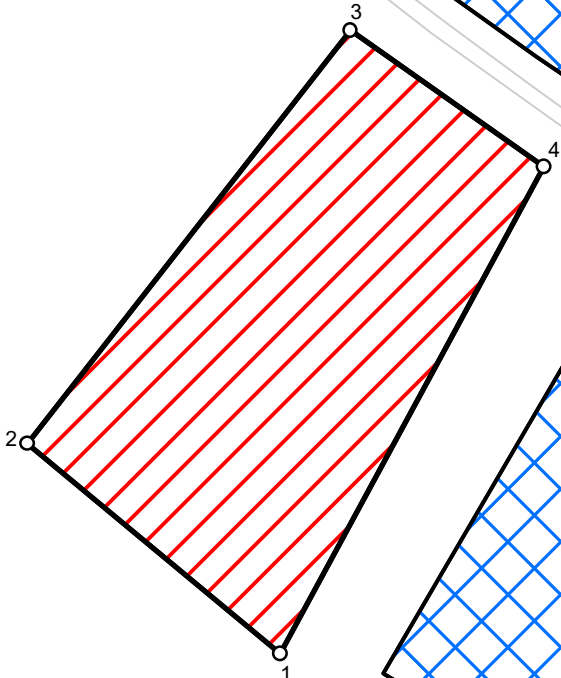
Non-Confidential Version of **Exhibit B-1**

EXHIBIT B-1

MAP OF REQUESTED SERVICE TERRITORY



EVANS RD






DOUGLASS TWP
UPPER POTTS GROVE TWP

Pennsylvania-American Water Company
Upper Pottsgrove Wastewater Operating Area
Proposed Service Territory - 710 Evans Rd, Pottstown, PA 19464
Approximately 0.94 Acres
Douglass Township, Berks County



Pennsylvania American Water
852 Wesley Drive
Mechanicsburg, PA 17055

Legend

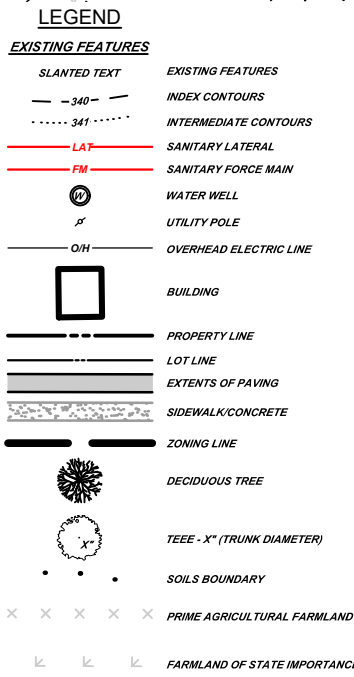
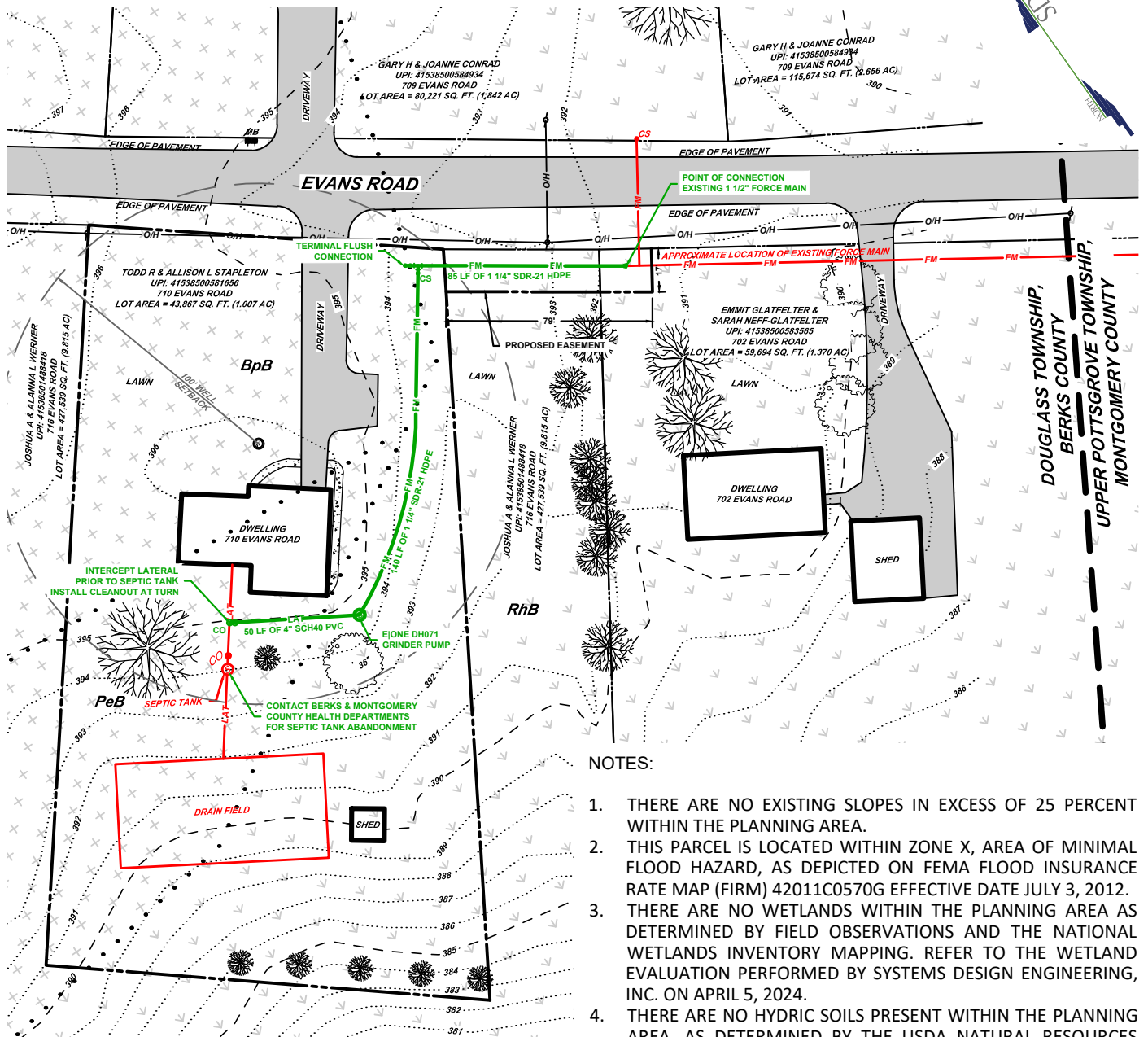
-  Bearings & Distance Points
-  Applied For Water Service Territory
-  PAWC Wastewater Certificated Territory

TO BE USED FOR REFERENCE ONLY
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.

1 inch = 100 feet

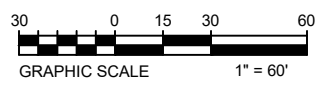


Disclaimer: Bearings and distances were not developed as a result of a physical survey completed by a Professional Licensed Surveyor, but instead completed through employment of ESRI's ArcGIS COGO tool.
* Bearings and Distances attached separately



NOTES:

1. THERE ARE NO EXISTING SLOPES IN EXCESS OF 25 PERCENT WITHIN THE PLANNING AREA.
2. THIS PARCEL IS LOCATED WITHIN ZONE X, AREA OF MINIMAL FLOOD HAZARD, AS DEPICTED ON FEMA FLOOD INSURANCE RATE MAP (FIRM) 42011C0570G EFFECTIVE DATE JULY 3, 2012.
3. THERE ARE NO WETLANDS WITHIN THE PLANNING AREA AS DETERMINED BY FIELD OBSERVATIONS AND THE NATIONAL WETLANDS INVENTORY MAPPING. REFER TO THE WETLAND EVALUATION PERFORMED BY SYSTEMS DESIGN ENGINEERING, INC. ON APRIL 5, 2024.
4. THERE ARE NO HYDRIC SOILS PRESENT WITHIN THE PLANNING AREA, AS DETERMINED BY THE USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.
5. THE PLANNING AREA IS LOCATED WITHIN THE BRUNSWICK FORMATION GEOLOGY GROUP AS DETERMINED BY THE PA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES.
6. THE PLANNING AREA IS LOCATED WITHIN THE RS, RURAL SUBURBAN RESIDENTIAL DISTRICT.



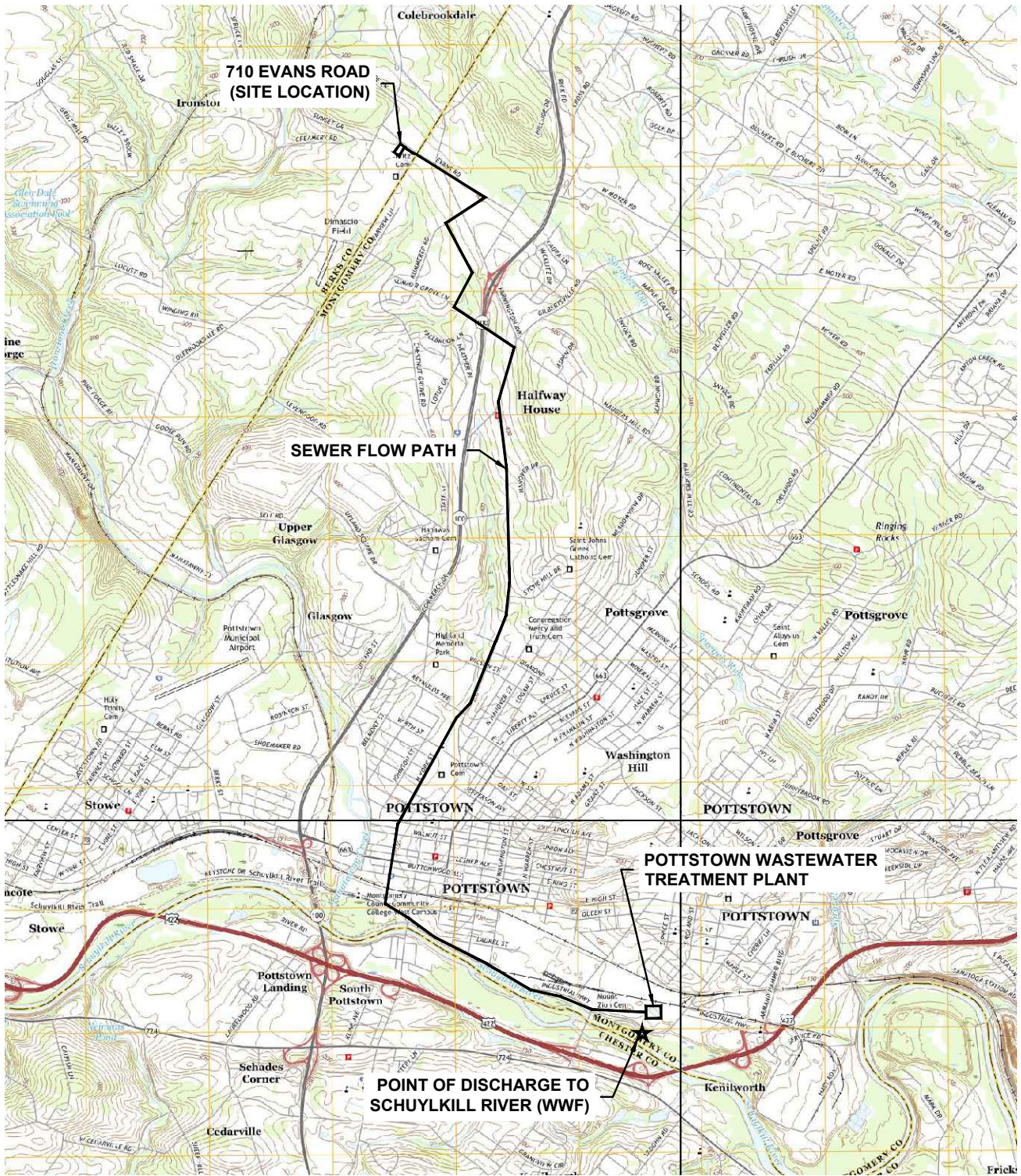
NO.	DATE	REVISION	BY

SYSTEMS DESIGN ENGINEERING, INC
 1032 JAMES DR. LEESPORT, PA 19533 BOYERTOWN, PA 610.369.1319
 PHONE: 610.916.8500 FAX: 610.916.8501 SCHUYLKILL HAVEN, PA. 570.385.5549

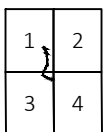
DOUGLASS TOWNSHIP STAPLETON 3M PLANNING MODULE
 EXHIBIT 1
 710 EVANS ROAD
 POTTSTOWN, PA 19464
 SITUATE IN

DRAWN BY	CHECKED	APPROVED	CADD FILE NAME	SHEET 1 OF 1
GTS	MJP	MJP	EX-1.DWG	
DATE	SCALE	DRAWING NUMBER		
5/22/2024	1" = 60'	A-23-0428-0165-EX-1		

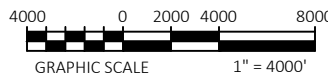
© COPYRIGHT 2024 - Systems Design Engineering, Inc. - I:\Projects\DouglAss\Twp\23-0428-0165\Stapleton Plan Mod\Drawings\Sheets\EX-1.dwg - May 14, 2024 2:27 PM by: Gator



QUAD MAP OVERVIEW



1. BOYERTOWN QUAD
2. SASSAMANSVILLE QUAD
3. POTTSTOWN QUAD
4. PHOENIXVILLE QUAD



NO.	DATE	REVISION	BY

1032 JAMES DR., BERESPORT, PA 19533 BOYERTOWN, PA 610.369.1319
 PHONE: 610.916.8500 FAX: 610.916.8501 SCHUYLKILL HAVEN, PA 570.385.5549

DOUGLASS TOWNSHIP

STAPLETON 3M PLANNING MODULE

EXHIBIT 5 - SEWER FLOW PATH
 710 EVANS ROAD
 POTTSTOWN, PA 19464
 SITUATE IN

DOUGLASS TOWNSHIP BERKS COUNTY PA

DRAWN BY GTS	CHECKED MJP	APPROVED MJP	CADD FILE NAME 1 FLOW PATH.DWG
DATE 5/22/2024	SCALE 1" = 4000'	DRAWING NUMBER A-23-0428-0165-EX-1	

SHEET 1 OF 1

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-8. The Application's Section 23 indicated that a copy of a Sewage Facilities Planning Module was included in the Application's Exhibit E. Please provide a non-confidential copy of Sewage Facilities Planning Module planning agency review comments from Douglass Township and Berks County (i.e., Components 4A and 4B) or explain why a non-confidential copy of these comments cannot be provided.

Response: Please see attached non-confidential version of Exhibit E at **TUS-A-8_Attachment**

Responsible Witness: **Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region**

Date: **August 1, 2025**

**Application of Pennsylvania-American Water Company – Wastewater Division for Approval of
the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an
Additional Portion of Douglass Township, Berks County, Pennsylvania**

Docket No. A-2025-3055740

TUS-A-8 Attachment

Non-Confidential Version of Exhibit E

EXHIBIT E

DEP SEWERAGE FACILITIES PLANNING MODEL



October 22, 2024

Douglass Township
c/o Kaleena Breitbarth
1068 Douglass Drive
Boyertown, PA 19512

Re: Approval Letter – 537 Plan Minor Update Revision
Act 537 Planning
Todd Stapleton Project
DEP CODE NO. A3-06930-128-3M
APS ID No.1106887; AUTH ID No.1497166
Douglass Township, Berks County

Dear Township Supervisors:

The Department of Environmental Protection (DEP) has reviewed the proposed Act 537 Plan Minor Update Revision for the property located at 710 Evans Road in Douglass Township, Berks County. The project consists of connecting the existing residence to public sewer with flows of 300 gallons per day to be collected and conveyed by Upper Pottsgrove Township and treated by the Pottstown Wastewater Treatment Plant.

This plan revision is approved with the following comment(s):

- The approved project will require a Water Quality Management (Part II) permit for the construction and operation of the proposed sewage facilities. The permit application must be submitted in the name of the municipality or authority, as appropriate. Issuance of a Part II permit will be based upon a technical evaluation of the permit application and supporting documentation. Starting construction prior to obtaining a Part II permit is a violation of the Pennsylvania Clean Streams Law (CSL).

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the

appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions or concerns, please contact Lindsay Graeff at (717) 705-4866 or ligraeff@pa.gov and refer to DEP Code No. A3-06930-128-3M, Application No. 1106887, and Authorization No. 1497166.

Sincerely,

Maria D. Bebenek, P.E. (electronically signed 10/22/2024)

Maria D. Bebenek, P.E.
Program Manager

cc: Todd Stapleton - Developer (pdf)
Grant Stahl - Project Engineer - Systems Design Engineering, Inc. (pdf)
Matthew Peleschak - Project Manager - Systems Design Engineering, Inc. (pdf)
Berks County Planning Commission (pdf)

**COMPONENT 3M
SEWAGE FACILITIES PLANNING MODULE
FOR
MINOR ACT 537 UPDATE REVISION**

Prepared for:



DOUGLASS TOWNSHIP
1068 Douglass Drive
Boyertown, PA 19512-9440

Prepared by:



MAY 2024

23-0428-0165

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 1 DEP Checklist Letter – DEP Code No. B3-06930-128-3M
- Tab 2 Resolution of Adoption
- Tab 3 Public Notification / No Comment Letter
- Tab 4 Component 3M Form
- Tab 5 Component 4A
- Tab 6 Component 4B
- Tab 7 Project Narrative and Implementation Schedule
- Tab 8 Project Cost Estimate and Funding Analysis
- Tab 9 Sewer Surveys and Water Sample Test Results
- Tab 10 Exhibits
- Tab 11 PNDI Search Results
- Tab 12 PHMC Search Results



MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 1 DEP Checklist Letter
DEP Code No. B3-06930-128-3M



August 19, 2024

Systems Design Engineering, Inc.
c/o Grant Stahl
1032 James Drive
Leesport, PA 19533

Re: Checklist Letter – Planning Module (Component 3m – Municipal or Authority Sponsored
Minor Sewage Collection Project)
Act 537 Planning
Todd Stapleton Project
DEP CODE NO. B3-06930-128-3M
Douglass Township, Berks County

Dear Mr. Stahl:

This checklist letter outlines what is required to be submitted to the municipality and the Department of Environmental Protection (DEP) as a complete module packet for the proposed project. Please download the appropriate forms from the Internet by placing the indicated form numbers from this checklist letter in the “Search” box at www.elibrary.dep.state.pa.us. Please submit the completed planning modules and supporting information to the municipality(ies) in which the project is located. DEP must receive 2 copies. Please answer all questions within the planning module. Do not simply answer “N/A” or “Not Applicable”. If you feel a question does not apply, explain all reasons to support that answer.

A copy of this letter should be attached to the planning module when submitted through the municipality to DEP. This letter is to be used by the municipality or authority (or the municipality’s or authority’s authorized representative) as a checklist and guide to completing the planning modules and does not supersede the rules and regulations found in Chapter 71. The municipality must submit a complete module package. (See end of letter for municipal certification statements.)

Municipal/ Authority Checklist (√ or N/A)	Materials Required to be Included in the Planning Package	DEP Completeness Review
DEP Checklist Letter		
√	DEP checklist letter is attached with items checked off by the municipality/authority (or the municipality’s or authority’s authorized representative) as included	
√	DEP checklist letter certification statement completed and signed	
Component 3m Sewage Facilities Planning Module (Form 3800-FM-BPNPSM0353m)		
<i>Section A: Project Information</i>		
√	Section A.1. The Project Name is completed	
√	Section A.2. The Brief Project Description is completed	

<i>Section B: Client Information</i>		
✓	Client Information is completed	
<i>Section C: Site Information</i>		
✓	Site Information is completed	
✓	A copy of the 7.5 minute USGS Topographic map is attached with the development site outlined, as required by the instructions and the checklist	
<i>Section D: Project Consultant Information</i>		
✓	Project Consultant Information is completed	
<i>Section E: Availability of Drinking Water Supply</i>		
✓	The appropriate box is checked in Section E	
✓	For existing public water supplies, the name of the company is provided	
✓	For public water supplies, the certification letter from the public water company is attached	
<i>Section F: Project Narrative</i>		
✓	The Project Narrative is attached	
✓	All information required in the module directions has been addressed	
<i>Section G: Sewage Disposal Needs Identification</i>		
✓	The Sewage Disposal Needs Identification is attached	
<i>Section H: Existing Wastewater Disposal Facilities</i>		
✓	Section H.1.a. The name of the existing collection system is provided	
✓	The Pennsylvania Clean Streams Law (CSL) permit number for the collection system is provided	
NA	Section H.1.b. The name of the interceptor is provided	
NA	The CSL permit number for the interceptor is provided	
✓	Section H.2. The name of the existing treatment facility is provided	
✓	The NPDES Permit Number for the existing treatment facility is provided	
<i>Section I: Proposed Wastewater Facilities</i>		
✓	Section I.1. In addition to the narrative required in Section F, an additional narrative is attached that provides an estimate of the immediate and five-year projected flow from the proposed sewer extension. The additional information addresses capacity for the projected flow in the existing conveyance and treatment facilities related to the most recent Chapter 94 Report	
✓	Section I.2. The plot plan is attached and contains all items in the module instructions under Section I.2	
✓	The plot plan will show the sewer extension and point of connection to the existing sewer line	
To be obtained	Copies of easement(s) or right-of-way(s) are attached	
✓	Section I.3. The boxes are checked regarding Wetland Protection	

✓	Section I.4. The boxes are checked regarding Primary Agricultural Land	
✓	If yes, then an alternatives analysis with regard to impacts on prime agricultural land is attached, along with documentation that the selected alternative is consistent with local prime agriculture protection policies	
✓	Section I.5. The box is checked regarding Stormwater Management Impacts	
✓	If yes, then consistency between the proposed facilities and the Stormwater Management Plan has been shown	
✓	Section I.6. The boxes are checked regarding Pennsylvania Natural Diversity Inventory (PNDI)	
✓	Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt is attached	
✓	PNDI Review Receipt, if no potential impacts identified, is not older than 2 years	
✓	All supporting resolution documentation from jurisdictional agencies (when necessary) is attached and not older than 2 years	
NA	A completed PNDI Manual Project Submission Form (PNDI Form) (Form 8100-FM-FR0161) is attached (if applicable) with all supplemental materials and not older than 2 years.	
✓	Section I.7. A narrative and land use map is attached showing the consistency between the proposed project and the municipal Comprehensive Plan	
✓	Section I.8. The boxes are checked confirming consistency with the National Historic Preservation Act	
NA	The Project Review Form (PRF) (PHMC form) and map are attached	
✓	The PHMC review letter or proof of online response is attached	
NA	Proof that PHMC had notice for 15 days and failed to respond, if applicable	
✓	Section I.9. Additional information for PENNVEST projects is attached	
<i>Section J: Alternative Sewage Facilities Analysis</i>		
✓	The Alternative Sewage Facilities Analysis is attached	
✓	All information required in the module directions has been addressed	
<i>Section K: Chapter 94 Consistency Determination</i>		
✓	Section K.1. The Project Flows are provided	
✓	Section K.2. The permitted, existing, and projected average and peak flows are provided in the table for collection, conveyance and treatment facilities	
✓	Section K.3. The appropriate box is checked indicating capacity in the Collection and Conveyance Facilities	
NA	Section K.3.a. If yes, a letter granting allocation to the project under an approved corrective plan and schedule is attached	

✓	Section K.3.c. If no, the Collection System information must be completed, signed and dated	
NA	Section K.3.d. If no, the Conveyance System information must be completed, signed and dated	
✓	Section K.4. The appropriate box is checked regarding projected overloads at the Treatment Facility	
NA	Section K.4.a. If yes, a letter granting allocation to the project under an approved corrective plan and schedule is attached	
✓	Section K.4.c. If no, the Treatment Facility information must be completed, signed and dated	
<i>Section L: Institutional Evaluation</i>		
✓	The Institutional Evaluation is attached	
<i>Section M: Project Cost and Funding Analysis</i>		
✓	The Project Cost and Funding Analysis is attached	
✓	The Cost and Funding Information (Estimated) table is completed	
<i>Section N: Project Implementation Schedule</i>		
✓	The Project Implementation Schedule is attached	
<i>Section O: Public Notification Requirement</i>		
✓	All Public Notification boxes in this section are checked	
✓	The public notice is attached, if public notification is necessary	
NA	All comments received as a result of the notice are attached	
NA	The municipal responses to these comments are attached	
✓	The box is checked indicating that no comments were received, if valid	
<i>Section P: Additional Chapter 71 Planning Elements</i>		
✓	Any Additional Chapter 71 Planning Elements are discussed and attached	
<i>Section Q: Planning Agency Review (Forms 3850-FM-BCW0362A-C)</i>		
✓	The appropriate box is checked, and the Local Planning Commission comments are attached or Component 4a is included, completed and signed	
✓	The appropriate box is checked, and the County Planning Commission comments are attached or Component 4b is included, completed and signed	
NA	The appropriate box is checked, and the County Health Department comments are attached or Component 4c is included, completed and signed	
<i>Section R: Resolution of Adoption (Form 3850-FM-BCW0356)</i>		
✓	The Resolution of Adoption box has been checked	
✓	Resolution of Adoption is attached and completed	
✓	Resolution of Adoption is signed by the municipal secretary	
✓	Resolution of Adoption has a visible municipal seal	

DEP is now accepting planning authorization applications & payments, as well as other documents and correspondence, electronically through the **Public Upload with Payment** tool. Please consider submitting all future planning applications, payments, and other documents through this tool for faster processing of your applications. Please use the link below to view the webpage, get instructions, and submit documents:

<https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

If additional copies of the enclosed modules are needed, or if you have any questions concerning the information required, please contact me at ligraeff@pa.gov or 717-705-4866.

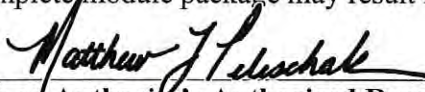
Sincerely,



Lindsay Graeff
Sewage Planning Specialist
Clean Water Program

CERTIFICATION STATEMENT

I certify that this submittal is complete and includes all requested items. I understand that failure to submit a complete module package may result in a denial of the application.

Signed: 
Municipality's or Authority's Authorized Representative

Date: 08/21/2024

Signed: 
Municipal Secretary

Date: 8/21/2024

FEB 14 2024

February 7, 2024

Systems Design Engineering

Douglass Township
c/o Kaleena Breitbarth
1068 Douglass Drive
Boyertown, PA 19512

Re: Denial Letter – Does Not Qualify
Act 537 Planning
Todd Stapleton Project
DEP CODE NO. A3-06930-128-3E
APS ID No.1106887; AUTH ID No. 1472116
Douglass Township, Berks County

Dear Township Supervisors:

The Department of Environmental Protection (DEP) has completed a limited review of the above-referenced application and has determined that it does not qualify as a(an) exemption, and it is therefore denied. The following list specifies the reason(s) the project does not qualify and includes information for resubmitting the project under the appropriate application.

Reason(s) for Not Qualifying for the Use of an Exemption

- The submission does not qualify as an exemption from the requirement to revise the Official Plan because the proposal is not for new land development as per Chapter 71, 71.51(b).

Any reconsideration of this project shall occur only if a complete and updated set of planning modules is submitted. For this reason, a Component 3 checklist letter will be sent to Systems Design Engineering. The new DEP Code No. B3-06930-128-3 must be used.

Any person aggrieved by this action may appeal the action to the Environmental Hearing Board (Board), pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. § 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A. The Board's address is:

Environmental Hearing Board
Rachel Carson State Office Building, Second Floor
400 Market Street
P.O. Box 8457
Harrisburg, PA 17105-8457

TDD users may contact the Environmental Hearing Board through the Pennsylvania Relay Service, 800-654-5984.

Appeals must be filed with the Board within 30 days of receipt of notice of this action unless the appropriate statute provides a different time. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

A Notice of Appeal form and the Board's rules of practice and procedure may be obtained online at <http://ehb.courtapps.com> or by contacting the Secretary to the Board at 717-787-3483. The Notice of Appeal form and the Board's rules are also available in braille and on audiotape from the Secretary to the Board.

IMPORTANT LEGAL RIGHTS ARE AT STAKE. YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD AT 717-787-3483 FOR MORE INFORMATION. YOU DO NOT NEED A LAWYER TO FILE A NOTICE OF APPEAL WITH THE BOARD.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST BE FILED WITH AND RECEIVED BY THE BOARD WITHIN 30 DAYS OF RECEIPT OF NOTICE OF THIS ACTION.

If you have any questions or concerns, please contact Lindsay Graeff at (717) 705-4866 or ligraeff@pa.gov and refer to DEP Code No. A3-06930-128-3E, Application No. 1106887, and Authorization No. 1472116.

Sincerely,



Timothy K. Wagner
Environmental Group Manager

cc: Todd Stapleton - Developer (pdf)
✧ Pamela J. Stevens, P.E. - Systems Design Engineering, Inc. (letter)
Michael D. Evenson - PA American Water Company (letter)
Justin Keller - Authority Manager - Pottstown Borough Authority (letter)
Berks County Planning Commission (pdf)

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 2 Resolution of Adoption





RESOLUTION FOR PLAN REVISION FOR NEW LAND DEVELOPMENT

RESOLUTION OF THE (SUPERVISORS) (COMMISSIONERS) (COUNCILMEN) of Douglass
(TOWNSHIP) (BOROUGH) (CITY), Berks COUNTY, PENNSYLVANIA (hereinafter "the municipality").

WHEREAS Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the *Pennsylvania Sewage Facilities Act*, as Amended, and the rules and Regulations of the Pennsylvania Department of Environmental Protection (DEP) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, require the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters of the Commonwealth and/or environmental health hazards from sewage wastes, and to revise said plan whenever it is necessary to determine whether a proposed method of sewage disposal for a new land development conforms to a comprehensive program of pollution control and water quality management, and

WHEREAS Todd R & Allison L Stapleton has proposed the development of a parcel of land identified as
land developer

710 Evans Road, and described in the attached Sewage Facilities Planning Module, and
name of subdivision

proposes that such subdivision be served by: (check all that apply), sewer tap-ins, sewer extension, new treatment facility, individual onlot systems, community onlot systems, spray irrigation, retaining tanks, other, (please specify) _____

WHEREAS, Douglass Township finds that the subdivision described in the attached
municipality

Sewage Facilities Planning Module conforms to applicable sewage related zoning and other sewage related municipal ordinances and plans, and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the (Supervisors) (Commissioners) (Councilmen) of the (Township) (Borough) (City) of Douglass hereby adopt and submit to DEP for its approval as a revision to the "Official Sewage Facilities Plan" of the municipality the above referenced Sewage Facilities Planning Module which is attached hereto.

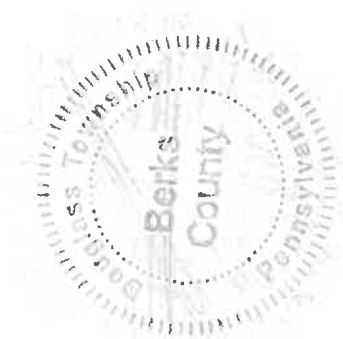
Kalma Brutto, Secretary, Douglass
(Signature)

Township Board of Supervisors (~~Borough Council~~) (~~City Councilmen~~), hereby certify that the foregoing is a true copy of the Township (~~Borough~~) (~~City~~) Resolution # 2024-13, adopted, July 12, 20 24.

Municipal Address:

Douglass Township
1068 Douglass Drive
Boyertown, PA 19512-9440
Telephone 610-367-8500

Seal of
Governing Body



MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 3 Public Notification / No
Comment Letter



PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that the Douglass Township Board of Supervisors, Berks County, Pennsylvania has caused to be prepared and proposes the adoption of a revision of its official sewage facilities plan in accordance with a document entitled COMPONENT 3M SEWAGE FACILITIES PLANNING MODULE FOR MINOR ACT 537 UPDATE REVISION, dated May 2024.

Written comments are invited from the public. Such comments may be submitted until August 2, 2024 to the following address:

Douglass Township, Berks County
 1068 Douglass Drive
 Boyertown, PA 19512-9440

The plan will be available for inspection on weekdays during regular business hours at the Douglass Township Office at the above address.

The planning area includes Evans Road of the Township. The Plan identifies existing needs along Evans Road of the Township. The plan states, the parcel located outside the existing public sewer service area on Evans Road has a confirmed malfunction and the geometry of the property does not allow for replacement of the existing on-lot wastewater disposal system.

The primary recommendation is to construct an extension of the public sanitary sewer along Evans Road. The project will be privately funded.

Douglass Township
 Supervisors
 Ronald Mest Jr., Chairman
 RE July 3 A-1

Account:	1334223
Name:	
Company:	DOUGLASS TWP SUPERVISORS
Address:	1068 DOUGLASS DRIVE BOYERTOWN, PA 19512
Telephone:	(610) 367-8500
Fax:	
Ad ID:	2619364
Description:	PUBLIC NOTICE NOTICE IS HEREBY GIVEN
Class:	1201
Orig User:	CRPKERR
Words:	198
Lines:	58
Agate Lines:	58
Column width:	1
Depth:	6.444
Blind Box:	
Total:	\$167.66

Run Dates: **07/03/24
07/03/24**

Publication
Reading Eagle, Reading Eagle Digital



July 2, 2024

Reading Eagle Company
345 Penn Street
Reading, PA 19603

Attention: Legal Ad Department

To Whom It May Concern:

Please run the enclosed ad in The Reading Eagle on the following dates:

WEDNESDAY, JULY 3, 2024

Please send bill and Proof of Publication directly to the following address:

KALEENA BREITBARTH
DOUGLASS TOWNSHIP
1068 DOUGLASS DRIVE
BOYERTOWN, PA 19512-9440

Thank you for your attention in this matter.

Sincerely,
Systems Design Engineering, Inc.

A handwritten signature in blue ink, appearing to read 'Grant Stahl', is written over the printed name.

Grant Stahl

GS/II

Enclosure

Cc: File 23-0428-0165

PUBLIC NOTICE

NOTICE IS HEREBY GIVEN that the Douglass Township Board of Supervisors, Berks County, Pennsylvania has caused to be prepared and proposes the adoption of a revision of its official sewage facilities plan in accordance with a document entitled COMPONENT 3M SEWAGE FACILITIES PLANNING MODULE FOR MINOR ACT 537 UPDATE REVISION, dated May 2024.

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Boyertown, PA 19512-9440

The plan will be available for inspection on weekdays during regular business hours at the Douglass Township Office at the above address.

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The primary recommendation is to construct an extension of the public sanitary sewer along Evans Road. The project will be privately funded.

Douglass Township Supervisors
Ronald Mest Jr., Chairman



DOUGLASS TOWNSHIP

BERKS COUNTY
1068 Douglass Drive
Boyertown, PA 19512

www.douglassberks.org
email: dougberks@comcast.net

Phone: 610-367-8500 Fax: 610-367-0360

August 5, 2024

Grant Stahl
Systems Design Engineering, Inc
1032 James Drive
Leesport, PA 19533

Re: Stapleton 3M Planning Module

Dear Mr. Stahl,

I am writing to inform you that the comment period for the Stapleton 3M Planning Module has concluded. We have received no comments or feedback from the public during this period.

Please feel free to reach out if you have any questions or require further assistance.

Thank you for your attention to this matter.

Sincerely,

Kaleena Breitbarth
Township Manager
Douglass Township, Berks County

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 4 Component 3M Form





SEWAGE FACILITIES PLANNING MODULE FOR MINOR ACT 537 UPDATE REVISION

Component 3m. Municipal or Authority Sponsored Minor Sewage Collection Project

(Return completed module package to appropriate municipality)

DEP USE ONLY

DEP CODE #	CLIENT ID #	SITE ID #	APS ID #	AUTH ID #

This document provides a simplified planning format for municipalities and municipal authorities proposing the construction of a sewer extension primarily serving existing development. Typically, this format would be used for projects involving the extension of sewer service to no more than 100 equivalent dwelling units (EDUs) and where the majority of the project serves existing development. For projects where more than 50 percent of the proposed customers will result from new land development, a Component 3 Sewage Facilities Planning Module would typically be used. For larger projects or if the project would involve the construction or modification of a wastewater treatment facility, then a general Act 537 Update Revision, meeting all of the requirements of Title 25 Pennsylvania Code, Chapter 71 § 71.21, is appropriate.

DEP staff will make a final determination as to the appropriate type of planning for a given project based on the review of a plan of study. Eligibility for a grant to offset the cost of planning will be determined by DEP staff based upon review of a *Task/Activity Report* (3800-FM-BPNPSM0005). The project sponsor submits both documents. **DO NOT** use this form without coordinating with your local DEP staff. Refer to the instructions.

This planning document, along with any other documents specified in the cover letter, must be completed and submitted to the municipality with jurisdiction over the project site for review and approval. All required documentation must be attached for the Sewage Facilities Planning Module to be complete. Refer to the instructions for help in completing this component.

A. PROJECT INFORMATION (See Section A of instructions)

1. Project Name

Stapleton 3M Planning Module

2. Brief Project Description

Installation of 1 1/4" SDR-11 HDPE low pressure sewer for single resident connection to existing public sewer

B. CLIENT (MUNICIPALITY) INFORMATION (See Section B of instructions)

Municipality Name	County	City	Boro	Twp
Douglas	Berks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Municipality Contact - Last Name	First Name	MI	Suffix	Title
Breitbarth	Kaleena			Township Manager
Additional Individual - Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1	Mailing Address Line 2			
1068 Douglas Drive				
Address Last Line - City	State	ZIP+4		
Boyertown	PA	19512-9440		
Phone + Ext.	FAX (optional)	Email (optional)		
610-367-8500	610-367-0360	kbreitbarth@dougberks.com		

C. SITE INFORMATION (See Section C of instructions)

Site Name

710 Evans Road

Site Location Line 1

710 Evans Road

Site Location Line 2

Site Location Last Line - City

Pottstown

State

PA

ZIP+4

19464-9004

Latitude

40.299058

Longitude

-75.651517

Detailed Written Directions to Site

Coming from PA-100 N, take the Farmington Avenue exit and continue 0.9 miles, property is on the left. Coming from PA-100 S, take the W Moyer Road exit for 0.3 miles. Turn right onto Evans Road and continue 0.6 miles, property is on the left.

Description of Site

Single Lot Residential Dwelling

Site Contact - Last Name

Stapleton

First Name

Todd

MI

Suffix

Phone

610-310-7318

Ext.

Site Contact Title

Owner

Site Contact Firm (if none, leave blank)

FAX

Email

tdbears39@comcast.net

Mailing Address Line 1

710 Evans Road

Mailing Address Line 2

Mailing Address Last Line - City

Pottstown

State

PA

ZIP+4

19464-9004

D. PROJECT CONSULTANT INFORMATION (See Section D of instructions)

Last Name

Peleschak

First Name

Matthew

MI

J

Suffix

Title

Project Manager

Consulting Firm Name

Systems Design Engineering, Inc.

Mailing Address Line 1

1032 James Drive

Mailing Address Line 2

Address Last Line - City

Leesport

State

PA

ZIP+4

19533+8826

Country

USA

Email

m.peleschak@sdei.net

Phone

610-916-8500

Ext.

507

FAX

610-916-8501

E. AVAILABILITY OF DRINKING WATER SUPPLY (See Section E of instructions)

The project will be provided with drinking water from the following source: (Check appropriate box)

Individual wells or cisterns.

A proposed public water supply.

An existing public water supply.

If existing public water supply is to be used, provide the name of the water company and attach documentation from the water company stating that it will serve the project.

Name of water company: _____

F. PROJECT NARRATIVE (See Section F of instructions)

- A narrative has been prepared as described in Section E of the instructions and is attached.
The applicant may choose to include additional information beyond that required by Section E of the instructions.

G. SEWAGE DISPOSAL NEEDS IDENTIFICATION (See Section G of instructions)

Conduct sanitary and water supply surveys per DEP's publication entitled *Sewage Disposal Needs Identification*. This is highly recommended for all projects. It is required if PENNVEST funding is to be sought for the project, or if required by DEP as indicated by the checked box opposite this item.

H. EXISTING WASTEWATER FACILITIES (See Section H of instructions)

1. COLLECTION SYSTEM

Provide requested information concerning the existing treatment facility.

- a. Name of existing collection system PAWC-Upper Pottsgrove Township Sewer System
Clean Streams Law Permit Number 29303
- b. Name of interceptor N/A
Clean Streams Law Permit Number _____

2. WASTEWATER TREATMENT FACILITY

Provide requested information concerning the existing treatment facility.

- Name of existing facility Pottstown Wastewater Treatment Plant
NPDES Permit Number for existing facility PA0026786

I. PROPOSED WASTEWATER FACILITIES (See Section I of instructions)

1. Provide an estimate of the immediate and five year projected flow from the proposed sewer extension. Address the capacity for this flow in the existing conveyance and treatment facilities in terms of the most recent wasteload management annual report for these facilities.

2. PLOT PLAN

The following information is to be submitted on a plot plan or map of the proposed project that clearly reflects the relationship between the proposed facilities and the identified features.

- | | |
|--|--|
| a. Existing and proposed buildings. | h. Existing and proposed streets, roadways, access roads, etc. |
| b. Lot lines and lot sizes. | i. Any designated recreational or open space area |
| c. Adjacent lots. | j. Wetlands - from National Wetland Inventory Mapping and USGS Hydric Soils Mapping. |
| d. Existing and proposed sewerage facilities. | k. Flood plains or Floodprone area soils, floodways, watercourses, water bodies (from Federal Flood Insurance Mapping) |
| e. Show tap-in or sewer extension to the point of connection to existing collection system. | l. Prime Agricultural Land. |
| f. Existing and proposed water supplies and surface water (wells, springs, ponds, streams, etc.) | m. Any other facilities (pipelines, power lines, etc.) |
| g. Existing and proposed rights-of-way. | n. Orientation to north. |

I. PROPOSED WASTEWATER FACILITIES (continued)

3. WETLAND PROTECTION

YES NO

- a. Are there wetlands in the project area? If yes, indicate these areas on the plot plan as shown in the mapping or through on-site delineation.
- b. Are there any construction activities (encroachments, or obstructions) proposed in, along, or through the wetlands? If yes, identify any proposed encroachments on wetlands and identify whether a General Permit or a full encroachment permit will be required. If a full permit is required, address time and cost impacts on the project. Note that wetland encroachments should be avoided where feasible. Also note that a feasible alternative **MUST BE SELECTED** to an identified encroachment on an exceptional value wetland as defined in Chapter 105. Identify any project impacts on HQ or EV streams and address impacts of the permitting requirements of said encroachments on the project.

4. PRIMARY AGRICULTURAL LAND PROTECTION

- a. Will your project involve the disturbance of any prime agricultural lands? If "yes" indicate any alternatives to this disturbance that were considered and the reasons they were not deemed feasible. Identify any primary or secondary impacts of the project on the Commonwealth's prime agricultural lands. Evaluate alternatives to avoid or mitigate undesirable impacts. The selected sewage facilities plan must be consistent with local measures in place to protect prime agricultural lands.

5. STORMWATER MANAGEMENT IMPACTS:

- a. Will the project impact an area covered by a DEP approved County Stormwater Management Plan? If yes show that the proposed facilities are consistent with that plan.

6. PENNSYLVANIA NATURAL DIVERSITY INDEX (PNDI) CONSISTENCY:

Check one:

- The "Pennsylvania Natural Diversity Inventory (PNDI) Project Environmental Review Receipt" resulting from my search of the PNDI database and all supporting documentation from jurisdictional agencies (when necessary) is/are attached.
- A completed "Pennsylvania Natural Diversity Inventory (PNDI) Project Planning & Environmental Review Form," (PNDI Form) available at www.naturalheritage.state.pa.us, and all required supporting documentation is attached. I request DEP staff to complete the required PNDI search for my project. I realize that my planning module will be considered incomplete upon submission to the Department and that the DEP review will not begin, and that processing of my planning module will be delayed, until a "PNDI Project Environmental Review Receipt" and all supporting documentation from jurisdiction agencies (when necessary) is/are received by DEP.

Applicant or Consultant Initials _____

7. COMPREHENSIVE PLAN CONSISTENCY:

- A narrative and mapping to show that the proposed project is consistent with any comprehensive plan developed under the Pennsylvania Municipalities Planning Code (Act 247) is attached. Document that the proposed project is consistent with land use and all other requirements stated in the comprehensive plan.

8. COOPERATION WITH PA. HISTORICAL AND MUSEUM COMMISSION (PHMC):

- A copy of DEP's "Cultural Resource Notice" and map which were sent to the Commission and a copy of the Commission's response are attached. Note that the Commission may require archeological surveys if federal funds, including PENNVEST, will be used in the project. If PENNVEST funds are to be used, DEP cannot recommend the project to PENNVEST for consideration until any required surveys have been done and the project has been "cleared" by the Commission.

9. **ADDITIONAL REQUIREMENTS FOR PENNVEST PROJECTS:**

- A copy of the additional information is attached. If PENNVEST funding is to be sought for the project, address these additional items in terms of any project impacts and measures to avoid or mitigate same.
- Cost Effectiveness
 - Air quality
 - Floodplains
 - Wild and scenic rivers
 - Coastal zone management
 - Socio-economic impacts
 - Water supplies
 - Other environmentally sensitive areas

J. ALTERNATIVE SEWAGE FACILITIES ANALYSIS (See Section J of instructions)

- An alternative sewage facilities analysis has been prepared as described in Section J of the instructions and is attached.

The applicant may choose to include additional information beyond that required by Section J of the instructions.

K. CHAPTER 94 CONSISTENCY DETERMINATION (See Section K of instructions)

- Projects that propose the use of existing municipal collection, conveyance or wastewater treatment facilities, or the construction of collection and conveyance facilities to be served by existing municipal wastewater treatment facilities must be consistent with the requirements of Chapter 94 of DEP's rules and regulations (relating to Municipal Wasteload Management). If more than one municipality or authority will be affected by the project, please obtain the information required in this section for each. Additional sheets may be attached for this purpose.

1. Project Flows 300 gpd
2. Total Sewage Flows to Facilities
 - a. Enter average and peak sewage flows for each proposed or existing facility as designed or permitted.
 - b. Enter the present average and peak sewage flows for the critical sections of existing facilities.
 - c. Enter the average and peak sewage flows projected for 5 years through the critical sections of existing facilities which includes existing, proposed, or future projects.

To complete the table, refer to Section K of instructions.

	a. Design and/or Permitted Capacity (gpd)		b. Present Flows (gpd)		c. Projected Flows in 5 years (gpd)	
	Average	Peak	Average	Peak	Average	Peak
Collection	3753911	3753911	397776	656613	395502	593253
Conveyance	475200	570240	71434	136895	142303	213454
Treatment	15600000	23400000	5245000	9118000	5872200	8808300

3. Collection and Conveyance Facilities

The questions below are to be answered by the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities. These questions should be answered in coordination with the latest Chapter 94 annual report and the above table.

This project proposes sewer extensions or tap-ins. Will these actions create a hydraulic overload within five years on any existing collection or conveyance facilities that are part of the system? Yes No

- a. If yes, this sewage facilities planning module will not be accepted for review by the municipality, delegated local agency and/or DEP until all inconsistencies with Chapter 94 are resolved or unless there is an approved plan and schedule granting an allocation for this project. A letter granting allocations to this project under the plan and schedule must be attached to the module package.

b. If no, the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 94 requirements and that this proposal will not affect this status.

c. Collection System

Name of Agency, Authority, Municipality PA. American Water Company

Name of Responsible Agent Michael Evenson

Agent Signature Michael Evenson

Date 06/27/2024

d. Conveyance System

Name of Agency, Authority, Municipality PA. American Water Company

Name of Responsible Agent Michael Evenson

Agent Signature Michael Evenson

Date 06/27/2024

K. CHAPTER 94 CONSISTENCY DETERMINATION (continued)

4. Treatment Facility

The questions below are to be answered by the facility permittee in coordination with the information in the table and the latest Chapter 94 report.

This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility? Yes No

a. If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved plan and schedule granting an allocation for this project. A letter granting allocations to this project under the plan and schedule must be attached to the planning module.

b. If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with Chapter 94 requirements and that this proposal will not impact this status

c. Name of Agency, Authority, Municipality Pottstown Borough Authority

Name of Responsible Agent Justin Keller

Agent Signature _____

Date _____

L. INSTITUTIONAL EVALUATION (See Section L of instructions)

An institutional evaluation is attached. Identify the entity which will design, obtain necessary permits, construct, own and operate the proposed facilities. If a low pressure vacuum or effluent sewer are proposed, discuss purchase, installation, operation and maintenance responsibilities for the individual pumping, valves, tanks, etc.

b. If no, the sewer authority, municipality, or agency responsible for completing the Chapter 94 report for the collection and conveyance facilities must sign below to indicate that the collection and conveyance facilities have adequate capacity and are able to provide service to the proposed development in accordance with Chapter 94 requirements and that this proposal will not affect this status.

c. Collection System

Name of Agency, Authority, Municipality PA. American Water Company

Name of Responsible Agent Michael Evenson

Agent Signature _____

Date _____

d. Conveyance System

Name of Agency, Authority, Municipality PA. American Water Company

Name of Responsible Agent Michael Evenson

Agent Signature _____

Date _____

K. CHAPTER 94 CONSISTENCY DETERMINATION (continued)

4. Treatment Facility

The questions below are to be answered by the facility permittee in coordination with the information in the table and the latest Chapter 94 report.

This project proposes the use of an existing wastewater treatment plant for the disposal of sewage. Will this action create a hydraulic or organic overload within 5 years at that facility? Yes No

a. If yes, this planning module for sewage facilities will not be reviewed by the municipality, delegated local agency and/or DEP until this inconsistency with Chapter 94 is resolved or unless there is an approved plan and schedule granting an allocation for this project. A letter granting allocations to this project under the plan and schedule must be attached to the planning module.

b. If no, the treatment facility permittee must sign below to indicate that this facility has adequate treatment capacity and is able to provide wastewater treatment services for the proposed development in accordance with Chapter 94 requirements and that this proposal will not impact this status

c. Name of Agency, Authority, Municipality Pottstown Borough Authority

Name of Responsible Agent Justin Keller

Agent Signature  _____

Date 5/23/24

L. INSTITUTIONAL EVALUATION (See Section L of instructions)

An institutional evaluation is attached. Identify the entity which will design, obtain necessary permits, construct, own and operate the proposed facilities. If a low pressure vacuum or effluent sewer are proposed, discuss purchase, installation, operation and maintenance responsibilities for the individual pumping, valves, tanks, etc.

M. PROJECT COST AND FUNDING ANALYSIS (See Section M of instructions)

- A detailed cost estimate and present worth analysis for the project is attached. Provide a financing plan for the project, identifying the funding source(s) and identifying estimated tap fees and user rates. For projects proposing the use of PENNVEST funds, see Section I. 9. **ADDITIONAL REQUIREMENTS FOR PENNVEST PROJECTS**. Complete the following table:

Cost and Funding Information (Estimated)	
COST	
Construction cost	\$ 43025
Administrative, legal, engineering cost	\$ 11600
Total project cost	\$ 54625
Annual O/M cost	\$ 0
FUNDING	
Tap-in fees (\$ per EDU X no. EDUs)	\$ 1835
Proceeds from primary funding source	\$ 0
Proceeds from other funding sources	\$ 0
USER COSTS	
Initial user base	1 EDUs
Monthly debt service per EDU	\$ 0
Monthly O/M cost per EDU	\$ 0
Total estimated monthly user cost per EDU	\$ 0

N. PROJECT IMPLEMENTATION SCHEDULE (See Section N of instructions)

- A project implementation schedule showing milestone dates for submission of DEP permit applications, initiation and completion of construction and any other milestones significant to this particular project is attached to this component

O. PUBLIC NOTIFICATION REQUIREMENT (See Section O of instructions)

- Attached is a copy of the public notice. All comments received as a result of the notice are attached.
- Municipal response to these comments is attached.
- No comments were received. A copy of the public notice is attached.

P. ADDITIONAL CHAPTER 71 PLANNING ELEMENTS (See Section P of instructions)

a. Additional planning elements are required by DEP.

- _____
- _____
- _____
- _____
- _____

Q. PLANNING AGENCY REVIEW (See Section Q of instructions)

- Local Planning Commission comments or Component 4a are attached.
- County, Area, Or Region Planning Commission comments or Component 4b are attached.
- County or Joint County Health Department comments (if appropriate) or Component 4c are attached.

R. RESOLUTION OF ADOPTION (See Section R of instructions)

- An original, signed, and sealed Resolution of Adoption is attached.

WRITTEN CERTIFICATION
ATTACHMENT TO SEWAGE FACILITIES
PLANNING MODULE APPLICATION MAILER

To Whom It May Concern:

Consider this as our written certification to Douglass Township that we, as the Permittee of the Collection, Conveyance, and Treatment facilities proposed for use by Todd Stapleton have certified that capacity is available to Receive/Treat sewage flows from the proposed project; and that these added flows of 300 GPD will not cause an overload or 5-year projected overload in the facilities.

11/1/23
Date

Upper Pottsgrove Township
Name of Permittee (Print)

See Attached PAWC
Name & Title of Official Authorized to Sign (Print)

Letter from Michael
Evanson, PAWC Agent
Signature of Authorized Official

Public Sewer System Available Capacity Determination

Developer Name: Todd Stapleton

Project Name: 710 Evans Road

Municipality & County: Douglass Township, Berks County, PA

Project Description: Connect 1 existing home to sewer main.

Project Flows: 300 gpd

The agent(s) responsible for completing the Chapter 94 report for the collection and/or the conveyance facilities is to sign below to affirm that the collection and/or conveyance facilities have adequate capacity and are able to provide service to the proposed development reference above.

Collection System

Name of Agency, Authority, or Municipality: PA. American Water Company

Name of Responsible Agent: Michael Evenson

I do hereby certify that the sewerage facilities have capacity to receive and treat the sewage flows from the applicant's proposed development and that the additional wasteload from the proposed development will not create a hydraulic or organic overload or a 5-year projected overload.

Agent Signature: Michael D Evenson

Date: 11/01/23

Conveyance System(s)

First Conveyance System

Name of Agency, Authority, or Municipality: PA. American Water Company

Name of Responsible Agent: Michael Evenson

I do hereby certify that the sewerage facilities have capacity to receive and treat the sewage flows from the applicant's proposed development and that the additional wasteload from the proposed development will not create a hydraulic or organic overload or a 5-year projected overload.

Agent Signature: Michael D Evenson

Date: 11/01/23

WRITTEN CERTIFICATION
ATTACHMENT TO SEWAGE FACILITIES
PLANNING MODULE APPLICATION MAILER

To Whom It May Concern:

Consider this as our written certification to Douglass Township that we, as the Permittee of the Collection, Conveyance and Treatment facilities proposed for use by Todd Stapleton have certified that capacity is available to Receive/Treat sewage flows from the proposed project; and that these added flows of 300 GPD will not cause an overload or 5-year projected overload in the facilities.

12/11/23
Date

Pottstown WWTP
Name of Permittee (Print)

See Attached
Name & Title of Official Authorized to Sign (Print)
Letter from Justin Keller
Authority Manager
Signature of Authorized Official



P B A

POTTSTOWN BOROUGH AUTHORITY
BOROUGH HALL
100 EAST THIRD STREET
POTTSTOWN, PA 19434-0525

December 11, 2023

Michael Evenson
Pennsylvania American Water Company
852 Westley Drive
Mechanicsburg, PA 17055

Re: Proposed Land Development for 710 Evans Road
Applicant: Todd Stapleton (Developer)
Sewerage Facility Planning Module – Capacity Certification Letter

Dear Mr. Evenson:

Pottstown Borough Authority (Authority) has reviewed the request for the additional sanitary sewer capacity of 300 gallons per day (gpd) generated by the connection of one (1) existing home (710 Evans Road, Pottstown, PA) to the Authority's Wastewater Collection System, Conveyance System, and Treatment Plant for treatment and discharge to the Schuylkill River. The Authority's Wastewater Collection System, Conveyance System, and Treatment Plant appears to have the adequate capacity to accept and will serve the requested flow of 300 gpd. The additional wasteload from the Project will not create a hydraulic overload, organic overload, or a 5-year projected overload for the Authority's Wastewater Treatment Facilities.

Sincerely,
Pottstown Borough Authority

Justin Keller
Authority Manager

Encl.

c: Michael Vital, HRG
Cory Salmon, HRG

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 5.1 Component 4A – Douglass Township





COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name _____

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency April 16, 2024
2. Date review completed by agency April 16, 2024

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, et seq.)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	13. Is this proposal consistent with the ordinance? If no, describe the inconsistencies _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14. Is this plan consistent with the municipal Official Sewage Facilities Plan? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>	If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
17. Name, title and signature of planning agency staff member completing this section:		
Name: <u>ALAN J. SILBERMAN</u>		
Title: <u>Chairman, Planning Commission</u>		
Signature: <u>[Signature]</u>		
Date: <u>April 16, 2024</u>		
Name of Municipal Planning Agency: <u>Douglas Township Planning Commission</u>		
Address: <u>1068 Douglas Drive, Boyertown, PA 19512</u>		
Telephone Number: <u>(610)367-8500</u>		

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 5.2 Component 4A – Pottstown Borough





Borough of Pottstown

*Borough Hall, 100 East High Street
Pottstown, Pennsylvania 19464-9525
LNAdmin@pottstown.org 610-970-6520*

May 15, 2024

RECEIVED

Systems Design Engineering Inc.
1032 James Dr
Leesport, PA 19533
Atten: Grant Stahl

MAY 20 2024

Systems Design Engineering

Re: Stapleton 3M Planning Module - 710 Evans Rd; Berks County

Mr. Stahl,

We have completed the enclosed DEP Sewage Planning Module and answered the inquiries to the best of our knowledge with respect to the issues at hand since the subject property is not located within Pottstown Borough.

We further acknowledge that sanitary sewer for this property is being treated at the sanitary sewer treatment plant of the Pottstown Borough/Pottstown Borough Authority.

If you have further questions, please feel free to reach out to Winter Stokes, Zoning and Planning Administrator, at wstokes@pottstown.org or by telephone at 610-970-6508.

Thank you,

Jim Derr, Borough of Pottstown Planning Commission Chairman



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

DEP Code #:
B3-06930-128-3M

**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW**

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name Todd Stapleton 710 Evans Rd, Pottstown

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency 5/15/24
2. Date review completed by agency 5/15/24

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|--------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)? |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input type="checkbox"/> | <input type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input type="checkbox"/> | <input type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

Yes No

13. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____

14. Is this plan consistent with the municipal Official Sewage Facilities Plan?
If no, describe the inconsistencies _____

15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____

16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?

If yes, is the proposed waiver consistent with applicable ordinances?
If no, describe the inconsistencies _____

17. Name, title and signature of planning agency staff member completing this section:

Name: Jim Durr

Title: Chairman

Signature: *James Durr*

Date: 5/15/24

Name of Municipal Planning Agency: Borough of Pottstown Planning Commission

Address: 100 High St Pottstown, PA 19464

Telephone Number: 610-970-6508

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 5.3 Component 4A – Upper Pottsgrove Township





**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4A - MUNICIPAL PLANNING AGENCY REVIEW**

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning module package and one copy of this *Planning Agency Review Component* should be sent to the local municipal planning agency for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name

Stapleton 3M Planning Module

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by municipal planning agency April 5, 2024

2. Date review completed by agency April 25, 2024

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is there a municipal comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101, <i>et seq.</i>)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe the inconsistencies _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with municipal land use planning relative to Prime Agricultural Land Preservation? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 5. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Will any known historical or archaeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known endangered or threatened species of plant or animal be impacted by this project?
If yes, describe impacts _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 8. Is there a municipal zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 9. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 10. Does the proposal require a change or variance to an existing comprehensive plan or zoning ordinance? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 11. Have all applicable zoning approvals been obtained? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 12. Is there a municipal subdivision and land development ordinance? |

SECTION C. AGENCY REVIEW (continued)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 13. Is this proposal consistent with the ordinance?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 14. Is this plan consistent with the municipal Official Sewage Facilities Plan?
If no, describe the inconsistencies _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality?
If yes, describe _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision? |
| <input type="checkbox"/> | <input type="checkbox"/> | If yes, is the proposed waiver consistent with applicable ordinances?
If no, describe the inconsistencies _____ |

This is a proposed revision to the Plan.

17. Name, title and signature of planning agency staff member completing this section:

Name: Paul H. Slinkerd, III
 Title: President, Board of Commissioners
 Signature: _____
 Date: 04-15-2024
 Name of Municipal Planning Agency: Upper Pottsgrove Twp. Board of Commissioners
 Address: 1409 Farmington Ave., Pottstown, PA 19441
 Telephone Number: 610-323-8675

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit municipal planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 6.1 Component 4B – Berks County





**BERKS COUNTY
Planning Commission**

Berks County Services Center | 633 Court Street, 14th Floor Reading, PA 19601- 4309
Phone: 610.478.6300 | Fax: 610.478.6316 | Email: planning@berkspa.gov

*Christopher J. Spohn, Chairwoman | Lisa Weaver-Gonzalez, Vice-Chair | Lee C. Olsen, AIA, NCARB, Secretary
Jodi L. Gauker | Miguel Herrera | Glenn R. Knoblauch
Thomas C. McKeon, AICP, CEcD | Sarah Phillips | David H. Turner
David N. Hunter, Sr., AICP, Executive Director | David N. Peris, Assistant County Solicitor*

May 13, 2024

Systems Design Engineering, Inc.
Grant T. Stahl, E.I.T.
1032 James Drive
Leesport, PA 19533

Re: 537 Planning Module Review
Project: Stapleton 3M Planning Module
Municipality: Douglass Township
Berks County
DEP Code: # Not Assigned

Dear Mr. Stahl:

Attached, please find the Berks County Planning Commission staff's completion of Component 4B, of the Act 537 Planning Module for the above referenced project.

Should there be any questions, please contact me at (610) 478-6300 ext. 6305.

Sincerely,

Michelle D. Franklin
Planner III
Berks County Planning Commission

Attachment

cc: Douglass Township Secretary
Douglass Township Planning Commission Secretary



**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4B - COUNTY PLANNING AGENCY REVIEW**

(or Planning Agency with Areawide Jurisdiction)

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning package and one copy of this *Planning Agency Review Component* should be sent to the county planning agency or planning agency with areawide jurisdiction for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

Project Name
Stapleton 3M Planning Module

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county planning agency April 8, 2024
2. Date plan received by planning agency with areawide jurisdiction _____
Agency name _____
3. Date review completed by agency May 13, 2024

SECTION C. AGENCY REVIEW (See Section C of instructions)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 <i>et seq.</i>)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Is this proposal consistent with the comprehensive plan for land use?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Does this proposal meet the goals and objectives of the plan? If no, describe goals and objectives that are not met _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Is this proposal consistent with the use, development, and protection of water resources? If no, describe inconsistency _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation? If no, describe inconsistencies: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	6. Does this project propose encroachments, obstructions, or dams that will affect wetlands? If yes, describe impact _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	7. Will any known historical or archeological resources be impacted by this project? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	8. Will any known endangered or threatened species of plant or animal be impacted by the development project? If yes, describe impacts _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	9. Is there a county or areawide zoning ordinance?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	10. Does this proposal meet the zoning requirements of the ordinance? If no, describe inconsistencies _____

SECTION C. AGENCY REVIEW (continued)

Yes No

- 11. Have all applicable zoning approvals been obtained?
- 12. Is there a county or areawide subdivision and land development ordinance?
- 13. Does this proposal meet the requirements of the ordinance?
If no, describe which requirements are not met _____
- 14. Is this proposal consistent with the municipal Official Sewage Facilities Plan?
If no, describe inconsistency _____
- 15. Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? Not to our knowledge
If yes, describe _____
- 16. Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
 If yes, is the proposed waiver consistent with applicable ordinances.
If no, describe the inconsistencies _____
- 17. Does the county have a stormwater management plan as required by the Stormwater Management Act?
 If yes, will this project plan require the implementation of storm water management measures?

18. Name, Title and signature of person completing this section:

Name: Michelle D. Franklin

Title: Planner III

Signature: Michelle D. Franklin

Date: May 13, 2024

Name of County or Areawide Planning Agency: Berks County Planning Commission

Address: Berks County Services Center
633 Court Street, 14th Floor, Reading, PA 19601

Telephone Number: (610) 478-6300

SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)

This component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.

The county planning agency must complete this component within 60 days.

This component and any additional comments are to be returned to the applicant.

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

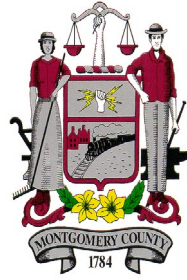
- Tab 6.2 Component 4B –
Montgomery County



**MONTGOMERY COUNTY
BOARD OF COMMISSIONERS**

JAMILA H. WINDER, CHAIR
NEIL K. MAKHIJA, VICE CHAIR
THOMAS DIBELLO, COMMISSIONER

WWW.MONTGOMERYCOUNTYPA.GOV



**MONTGOMERY COUNTY
PLANNING COMMISSION**

MONTGOMERY COUNTY COURTHOUSE • PO Box 311
NORRISTOWN, PA 19404-0311
610-278-3722 • FAX: 610-278-3941
WWW.MONTGOMERYCOUNTYPA.GOV
SCOTT FRANCE, AICP
EXECUTIVE DIRECTOR

**SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4b - COUNTY PLANNING AGENCY REVIEW**

May 1, 2024

Michelle Reddick, Township Manager
Upper Pottsgrove Township
1409 Farmington Avenue
Pottstown, PA 19464

DEP Project Number: NOT ASSIGNED
MCPC 537 Number: 24-2373
Stapleton 3M
Upper Pottsgrove Township
Date revision received by MCPC: 4/3/24

Dear Ms. Reddick:

We have reviewed this application for a revision to the municipality's Sewage Facilities Plan in accordance with regulations issued under Act 537, "The Pennsylvania Sewage Facilities Act," as requested. We are forwarding this letter as a report of our review and recommendations.

BACKGROUND

The Stapleton 3M project proposes to connect an existing dwelling, located in Douglass Township, Berks County, to the public sanitary sewer system in Upper Pottsgrove Township, Montgomery County. The dwelling is currently served by an on-lot septic system. The site will be served by water supplied by an on-lot well. Sewage from the dwelling will be treated at the Pottstown Wastewater Treatment Plan. The estimated wastewater flow from the dwelling will be 300 gallons per day.

COMMENTS/ISSUES

1. Section 1.6 Chapter 94 Consistency Determination has a reference to “Pottsville Borough”, where Pottstown Borough is meant. This should be corrected to avoid confusion.
2. The plans propose the filling and abandonment of the on-lot septic system. The applicant should contact the Montgomery County Health Department regarding the abandonment of the on-lot septic system.
3. If public water is available, the applicant should connect to the public water system to have concurrent systems.

The following comments refer to the module form

Zoning and Subdivision

Questions 10, 11, and 13 on the DEP form pertain to zoning and subdivision ordinances, and compliance of the proposal to these ordinances. We defer to the municipality for ensuring consistency with the subdivision and land development ordinances and designating zoning approvals.

RECOMMENDATION

Once these issues have been addressed to the satisfaction of the municipality and DEP, we have no objection to this 537 Planning Module. Should there be any questions regarding the content of this letter, please contact me at Ryan.Lamberti@montgomerycountypa.gov.

Sincerely,



Ryan Lamberti
Environmental Planner II
Montgomery County Planning Commission
Ryan.Lamberti@montgomerycountypa.gov | www.montgomerycountypa.gov/planning
P: 610.278.3729 F: 610.278.3941
PO Box 311, Norristown, PA 19404-0311
425 Swede St., Suite 201, Norristown, PA 19401

c: Elizabeth Mahoney, DEP Southeast Regional Office
Grant Stahl, Systems Design Engineering
Berks County Planning Commission
Douglass Township, Berks County



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
 BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SEWAGE FACILITIES PLANNING MODULE
COMPONENT 4B - COUNTY PLANNING AGENCY REVIEW
 (or Planning Agency with Areawide Jurisdiction)

MCPC # 24-2373

Note to Project Sponsor: To expedite the review of your proposal, one copy of your completed planning package and one copy of this **Planning Agency Review Component** should be sent to the existing county planning agency or planning agency with areawide jurisdiction for their comments.

SECTION A. PROJECT NAME (See Section A of instructions)

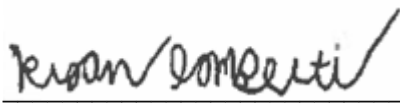
Project Name
 Stapleton 3M

SECTION B. REVIEW SCHEDULE (See Section B of instructions)

1. Date plan received by county planning agency. 4/3/24
2. Date plan received by planning agency with areawide jurisdiction _____
 Agency name _____
3. Date review completed by agency 5/1/24

SECTION C. AGENCY REVIEW (See Section C of instructions)

- | Yes | No | |
|-------------------------------------|-------------------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Is there a county or areawide comprehensive plan adopted under the Municipalities Planning Code (53 P.S. 10101 <i>et seq.</i>)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Is this proposal consistent with the comprehensive plan for land use? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Does this proposal meet the goals and objectives of the plan?
If no, describe goals and objectives that are not met _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Is this proposal consistent with the use, development, and protection of water resources?
If no, describe inconsistency _____ |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. Is this proposal consistent with the county or areawide comprehensive land use planning relative to Prime Agricultural Land Preservation?
If no, describe inconsistencies: _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. Does this project propose encroachments, obstructions, or dams that will affect wetlands?
If yes, describe impact _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. Will any known historical or archeological resources be impacted by this project?
If yes, describe impacts _____ |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 8. Will any known endangered or threatened species of plant or animal be impacted by the development project? |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. Is there a county or areawide zoning ordinance? |
| <input type="checkbox"/> | <input type="checkbox"/> | 10. Does this proposal meet the zoning requirements of the ordinance? SEE ADDENDUM
If no, describe inconsistencies _____ |

Yes	No	SECTION C. AGENCY REVIEW (continued)	
<input type="checkbox"/>	<input type="checkbox"/>	11.	Have all applicable zoning approvals been obtained? SEE ADDENDUM
<input type="checkbox"/>	<input checked="" type="checkbox"/>	12.	Is there a county or areawide subdivision and land development ordinance?
<input type="checkbox"/>	<input type="checkbox"/>	13.	Does this proposal meet the requirements of the ordinance? SEE ADDENDUM If no, describe which requirements are not met _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	14.	Is this proposal consistent with the municipal Act 537 Official Sewage Facilities Plan? If no, describe inconsistency _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	15.	Are there any wastewater disposal needs in the area adjacent to this proposal that should be considered by the municipality? If yes, describe _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16.	Has a waiver of the sewage facilities planning requirements been requested for the residual tract of this subdivision?
<input type="checkbox"/>	<input type="checkbox"/>		If yes, is the proposed waiver consistent with applicable ordinances? If no, describe the inconsistencies _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	17.	Does the county have a stormwater management plan as required by the Stormwater Management Act?
<input type="checkbox"/>	<input type="checkbox"/>		If yes, will this project plan require the implementation of storm water management measures?
		18.	Name, Title and signature of person completing this section: Name: <u>Ryan Lamberti</u> Title: <u>Environmental Planner II</u> Signature: <u></u> Date: <u>5/1/24</u> Name of County or Areawide Planning Agency: <u>Montgomery County Planning Commission</u> Address: <u>Court House - PO Box 311, Norristown, PA</u> Telephone Number: <u>610-278-3729</u>
SECTION D. ADDITIONAL COMMENTS (See Section D of instructions)			
This Component does not limit county planning agencies from making additional comments concerning the relevancy of the proposed plan to other plans or ordinances. If additional comments are needed, attach additional sheets.			
The county planning agency must complete this Component within 60 days. This Component and any additional comments are to be returned to the applicant.			

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 7 Project Narrative and Implementation Schedule



■ PROJECT NARRATIVE

1.1 Background

The Pennsylvania Sewage Facilities Act requires that every municipality within the Commonwealth develop and maintain an up-to-date sewage facilities plan. The Douglass Township Board of Supervisors, Berks County, Pennsylvania, authorized the preparation of this report to serve as a Minor Update Revision (Update Revision) of the Township's Official Sewage Facilities Plan (Plan) for the special study area along Evans Road. Refer to Exhibits # 1, which highlights the Planning Area. The Township retained the services of Systems Design Engineering, Inc. to assist with preparation of the Plan.

The Pennsylvania Department of Environmental Protection (PADEP) administers the Act 537 program. PADEP has produced a variety of planning modules to help administer minor update revisions. The PADEP Component 3M Planning Module titled "Sewage Facilities Planning Module for Minor Act 537 Update Revision", dated January 2003, was used for preparation of the Update Revision.

The Planning Area is geographically located along the eastern border of Douglass Township, Berks County. The Planning Area consists of 1 residential property and has a land area of 0.946 acres. The Planning Area is located along Evans Road and 250 feet west of Upper Pottsgrove Township, Montgomery County. The Planning Area is rural in character.

1.1.1 Potable Water Supplies

The Planning Area has private well that provides water for the property.

1.1.2 Public Sanitary Sewer

Public sanitary sewer service is provided within the Township via facilities owned and operated by the Township. In the southern area of the Township, a sewage collection system serves residential and commercial properties along the Benjamin Franklin Highway, Old Douglass Road, Squirrel Hollow Road, and Old Philadelphia Pike. The sewage generated from this system is treated at Amity Township's wastewater treatment facility.

Wastewater generated from areas outside the public sanitary sewer is exclusively handled by private on-lot wastewater systems. The Planning Area along Evans Road is no exception, utilizing a private on-lot disposal system to manage the property's sewage needs. There are three adjacent public sewage systems adjacent to the Planning Area. The Berk-Montgomery Municipal Authority (BMMA) Swamp Creek Wastewater Treatment Plant (WWTP), the



BMMA Morysville WWTP, and the Pottstown WWTP. The closest point of connection to Planning Area is the Pottstown WWTP.

The Pottstown WWTP is operated by Pottstown Borough Authority under NPDES Permit No. PA00267786. Based on information presented in Pottstown Borough Authority's 2023 Chapter 94 Wasteload Management Report, the current permit limits are as follows:

Flow	15,600,000 GPD Design Capacity
Influent BOD5	23,000 lbs BBOD5/day Design Capacity
pH	6.0 S.U. minimum 9.0 S.U. maximum
Dissolved Oxygen	5.0 mg/L Instant. Minimum
Total Residual Chlorine	0.5 mg/L Average Monthly 1.6 mg/L Instant. Maximum
Carbonaceous BOD	25 mg/L Average Monthly (11/1 to 4/30) 40 mg/L Weekly Average (11/1 to 4/30) 50 mg/L Instant. Maximum (11/1 to 4/30) 20 mg/L Average Monthly (5/1 to 10/31) 30 mg/L Weekly Average (5/1 to 10/31) 40 mg/L Instant. Maximum (5/1 to 10/31)
Total Suspended Solids	30.0 mg/L Average Monthly
Total Dissolved Solids	3,000 mg/L Weekly Average
Fecal Coliform	200 CFU/100 ml Average Monthly 1,000 CFU/100 ml Instant. Maximum
NH3-N	16 mg/L Average Monthly (11/1 to 4/30) 32 mg/L Instant. Maximum (11/1 to 4/30) 8 mg/L Average Monthly (5/1 to 10/31) 16 mg/L Instant. Maximum (5/1 to 10/31)
Total Copper	0.040 mg/L Average Monthly 0.074 mg/L Instant. Maximum
Free Cyanide	0.0249 mg/L Average Monthly 0.0389 Instant. Maximum
Total Selenium	0.0315 mg/L Average Monthly 0.049 Instant. Maximum
Total Zinc	0.325 mg/L Average Monthly 0.507 Instant. Maximum

The basic unit processes are bar screens, comminutors, grit removal chambers, pre-aeration basins, aeration basins, final clarifiers and disinfection tanks. Treated effluent is discharged to the adjacent Schuylkill River. Waste activated sludge is thickened via a rotary sludge thickener



prior to digestion. Thickened sludge is aerobically digested and dewatered with centrifuged and then dried to a Class A sludge.

Annual average daily flow for 2023 was 5.245 MGD, while the 3-month maximum daily flow during this period was 6.645 MGD.

1.2 Sewage Disposal Needs Identification

The Douglass Township has adopted a Sewers and Sewage Disposal Ordinance to govern connections to the public sewage systems within the Township. The Township Board of Supervisors adopted the existing Ordinance in December 1998. Provisions of the current ordinance include the following:

- The owner of any improved property located in the sewered area of this Township which is adjoining and adjacent to the sewer system shall connect such improved property with and use such sewer system, in such manner as this Township may require.
- No privy vault, cesspool, sinkhole, septic tank or similar receptacle shall be used or maintained on a property that is connected to the sewer system.
- Where all other forms of sewage disposal have been evaluated and found to be unusable, the Township does permit the use of a holding tank for sewage disposal. If a holding tank is utilized, the Township regulates design and installation of the holding tank in accordance with PADEP regulations. In addition, the Township requires an annual inspection of any holding tank that includes review and retainage of any pumping receipts; as well as other requirements.

A general assessment of the on-lot treatment and disposal system of the property within the Planning Area was conducted as part of this Update Revision, in accordance with the procedures provided in the PADEP Guidance Document, “Act 537 Sewage Disposal Needs Identification”. This assessment included the following steps:

1. Distribution of a mail survey to property owners of on-lot disposal systems.
2. Conduction of a door-to-door survey of on-lot system properties that returned a completed mail survey to verify on-lot system information and look for obvious signs of system operating problems.

The assessment indicated the existing septic facility in the Planning Area is malfunctioning. Due to the small lot size, replacement of the malfunctioning system is very difficult. In addition, has been developed for a significant period of time; thus, the on-lot system currently in use does not meet today’s standards and would be considered past its design life.



1.3 Proposed Wastewater Facilities

The Douglass Township proposes to utilize the wastewater treatment services of the Pottstown WWTP treatment of sewage generated in the Planning Area. Given the condition of the existing treatment facility, the infrastructure in place to convey wastewater to the WWTP and the existing commitments to provide sanitary sewer service, continued use of this WWTP to provide wastewater treatment is a most practical alternative for the sanitary sewer service area.

The project consists of the construction of a low pressure force main sewer system constructed of 225 LF of 1 1/4-inch diameter SDR-21 HDPE sewer mains, one grinder pump unit, one flushing port, and associated valves and appurtenances. The Evans Road extension is proposed to connect to the Pottstown sanitary sewer system at the existing low pressure force main along the frontage of 716 & 702 Evans Road. Sewage generated in this area would flow through the existing low pressure force main and gravity collection system through Upper Pottsgrove Township, which is maintained and operated by PA American Water Company.

1.4 Consistency Determination

1.4.1 Wetland Protection

Wetlands perform several important functions in maintaining a healthy environment. In the first place, they provide a habitat for numerous species of plant and animal wildlife, contributing to natural diversity and sustaining the local ecosystem. Wetlands also serve an important role in flood protection by diminishing peak flood flow and extending the discharge time, acting as a natural stormwater retention facility. Finally, wetlands are a natural filter removing silt and sediment from storm water run-off.

Wetlands are defined by Pennsylvania Title 25, Chapter 105 as those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, and similar areas.

The Fish and Wildlife Service of the U.S. Department of Interior has mapped wetlands in the Township as part of the National Wetlands Inventory (NWI). No NWI delineated wetlands are present in the Planning Area.

Exhibit # 2 provides a wetland delineation report indicating the lack of jurisdictional wetlands in the Planning Area.



1.4.2 Prime Agricultural Land Protection

The policy was established to protect prime agricultural land from irreversible conversions to uses that result in the loss of the land as an environmental or essential food source resource. According to the Soil Survey for Berks County, Pennsylvania, prepared by the U.S. Department of Agriculture Soil Conservation Service (SCS), and the Prime Farmland Soils of Pennsylvania prepared by the SCS, prime farmlands exist throughout Douglass Township. Exhibit # 1 of this Plan shows the extent of land containing prime agricultural soils as identified by the SCS within the Planning Area. The chosen alternative will not permanently remove any existing farmlands from production; therefore, the chosen alternative is consistent with the Prime Agricultural Land Policy by not promoting public sewage facilities in designated agricultural areas.

1.4.3 Stormwater Management Impacts

The Township lies in the Delaware Bay watershed. Generally, the water courses within the Township are tributary to the Schuylkill River, which is located within the Delaware River watershed. The Ironstone Creek flows through the northeastern and central portions of the Township, where it meets the Manatawny Creek, which flows in an easterly direction. A few small ponds, all less than 2 acres, are also located in the Township.

The Pennsylvania Stormwater Management Act of 1978, or Act 167, required each county to prepare and adopt a watershed stormwater management plan (“Act 167 Plan”) for each watershed located in the county, in consultation with the municipalities located within each watershed. Municipalities must then enact ordinances or regulations consistent with the plans. After adoption and approval of an Act 167 Plan, the location, design and construction of stormwater management systems, obstructions, flood control projects, subdivisions and major land developments, highways and transportation facilities, public utility services and facilities owned or financed in whole or in part by funds from the commonwealth within the watershed must be conducted in a manner consistent with the stormwater management plan. Douglass Township has an approved Stormwater Management Ordinance that was adopted April 2008.

Pennsylvania’s Flood Plan Management Act states that all municipalities with areas subject to flooding, as shown on maps compiled by the Federal Emergency Management Agency (FEMA), are required to have a floodplain management ordinance, which at a minimum, imposes the standards necessary to comply with the requirements of the National Flood Insurance Act of 1968. This means that structural development in the floodway of any watershed that would cause an increase in the 100-year flood evaluation is prohibited.



Chapter 8 of the Code of Ordinances of the Township of Douglass, entitled “Floodplains”, identified floodplain areas that are subject to all of the regulations of Chapter 8 and to all of the regulations of the Floodplain Overlay District, as set forth in Chapter 27, entitled “Zoning.”

The identified floodplain areas are those areas which are subject to the 100-year flood, as shown on Federal Emergency Management Agency (FEMA) Flood Map No. 42011C0570G, effective 07/03/2012. No floodplains are located within the Planning Area.

1.4.4 Pennsylvania National Diversity Index (PNDI)

The Pennsylvania Natural Diversity Inventory (PNDI) maintains a database containing site information on regulated plant and animal species, outstanding geological features, and significant natural communities. A search of the Pennsylvania Department of Conservation and Natural Resources PNDI database for the portions of the Township encompassing the Planning Area was completed. The Township received a response from PNDI indicating that potential impact of species of special concern are not known to exist within the Planning Area. Copies of the PNDI search are included.

1.4.5 Comprehensive Plan Consistency

The Berks County Board of Commissioners adopted an update to the County Comprehensive Plan on January 23, 2020. The Plan discusses the current treatment of sewage and the existing problems associated with treatment. The Plan offers recommendations on growth and land use within the County while recognizing land and infrastructure capabilities in relation to natural features and environmental and physical factors. The Plan encourages that the majority of new development within the County be located in or around areas that are characterized by residential populations and urban settings that have existing services and infrastructure, such as public sewer and water. The Plan suggests that new development in and around existing communities will take the form of redevelopment or new construction, with cluster development being encouraged whenever possible. The Plan discourages the expansion of new infrastructure into existing agricultural areas. The intent of directing future development to existing infrastructure areas is to maximize the investment of the existing infrastructure systems, fill in the undeveloped areas within already developed land, and reduce the pressure to develop agricultural areas for other uses. Recommendations for municipalities within the County related to land use or sewage facilities called out in the County Plan included the following:

- Encourage regionalized sewer treatment system where financially and/or geographically possible.



- Ensure that development occurs in ways that minimize degradation of natural and cultural environments.
- Ensure that development occurs in an efficient and logical manner, and in ways that minimize short- and long-term costs to the public and private sectors.
- Provide public services, facilities, and utilities in the most efficient, cost-effective manner, taking into account community needs and environmental factors.
- Endorse new sewer systems or extensions of existing sewer systems into the Agriculture Preservation Areas if the three requirements for expansion are met:
 1. The Municipalities Act 537 Sewage Facilities Plan identifies the area as having a high concentration of existing mal-functioning septic systems;
 2. The identified mal-functions cannot be corrected on site;
 3. Any new sewer system or extension of an existing system will serve only those existing developed areas as identified by the Act 537 Plan, or a regional economic development project;
- Supports municipalities maintaining an up-to-date Sewage Facilities Plan (Act 537). This includes implementation of an On-Lot Disposal Ordinance that promotes the maintenance of on-lot septic systems.

The proposed project is consistent with the County Comprehensive Plan because the malfunction occurring at 710 Evans Road cannot be corrected on site and the proposed extension will only serve this property.

1.4.6 Pennsylvania Historical and Museum Commission (PHMC)

Pennsylvania Title 37, Section 507 requires cooperation between public officials and the Pennsylvania Historical and Museum Commission. A cultural resource search of the Bureau of Historic Preservation (BHP) GIS mapping was conducted to identify any known historical sites and potential impacts on known archeological and historic sites within the Planning Area Township by implementation of the proposed wastewater facilities. The Pennsylvania State Historic Preservation Office (SHPO) provided letters for each of the searches indicating that the Project will not affect any above-ground or archaeological resources. Copies of the SHPO review letters are included.

1.5 Alternative Sewage Facilities Analysis

The chosen disposal method for the Planning Area is the construction of a public sanitary sewer extension that will be owned and operated by the PA American Water Company. The sanitary sewer system will be a low pressure force main that will be constructed along the frontage of 716 & 702 Evans



Road as depicted on Exhibit # 1. Once the property is connected, the total daily flow is expected to be 300 GPD (1 EDUs x 300 GPD/EDU). The proposed facility would be considered an ultimate method of disposal, providing sewage service to the Planning Area for greater than a 5-year period.

The Planning Area consists of a single residential property. The land adjacent to the Planning Area is rural residential in nature and is only served by the public sewer system up to the adjacent property to the southeast. It is not known if the adjacent properties to the Planning Area are experiencing on-lot malfunctions.

The sewage technologies were considered:

- **Low-Pressure Sewer System:** This is the chosen method and will consist of 225 LF of 1 1/4-inch diameter SDR-21 HDPE sewer mains, one grinder pump unit, one flushing port, and associated valves and appurtenances that would connect to the existing low pressure force main on Evans Road. The Evans Road extension is proposed to connect to the PA American Water Company's low pressure force main at 702 Evans Road.
- **Conventional Gravity Sewer:** This alternative was not considered; the closest public sewer is a low pressure system and converting the short gravity span to a low pressure system would not have been cost effective.
- **Replacement of On-Lot Systems:** This alternative was not selected because the property does not have adequate space on site for a replacement system.
- **Stream Discharge Systems:** This alternative was not selected because the property is not located near a stream for discharge and does not have adequate space on site.

A low pressure sewer design software, developed by E|One, was utilized to verify the existing low pressure sewer has sufficient capacity for the additional flows from the Planning Area. The existing collection system was modeled based on the Farmington Avenue West Sanitary Sewer System Phase II As-Built drawings from LTL Consultants, LTD, dated 10/10, and included as Exhibit # 3. It is anticipated that the existing lateral for the Planning Area will be intercepted at 4-feet below grade, which was entered as the minimum design elevation of the pump. In the report generated by the E|One design software, Zone 1 is the proposed low pressure sewer extension for the Planning Area, while Zone 2 is the existing 1 1/2-inch SDR-21 low pressure force main. In combination with the total dynamic head reported from the model and the pump curve from the manufacturer, there is sufficient capacity in the existing low pressure force main for the new connection. A report from the E|One design software and the pump curve are attached as Exhibit # 4.



1.6 Chapter 94 Consistency Determination

Pottstown Borough Authority annually submits a Chapter 94 Municipal Wasteload Management Report to PADEP for their WWTP. The 2023 Chapter 94 Tributary Report projects future flows at 273 gpd per EDU. The population and wastewater flow projections used in this Update Revision are consistent with those included in the Township's 2023 Chapter 94 report. Continued reliance on the Pottstown WWTP for the sewered portion of the Township is consistent with the recommendations and findings of the Chapter 94 Report.

Annual average daily flow for 2023 was 5,245,000 GPD, while the 3-month maximum daily flow during this period was 6,645,000 GPD. The annual average daily organic load for 2023 was 8,867 lbs/day, while the maximum month organic load during this period was 11,409 lbs/day.

1.7 Institutional Analysis

The existing wastewater treatment facilities serving Douglass Township are owned and operated by both Township and private entities. The sanitary sewer systems located in public sewered area are owned and operated by Douglass Township.

Douglass Township is responsible for enforcement of Township and State regulations associated with privately owned on-lot wastewater systems. The Township out-sources Sewage Enforcement Officer services; including all inspection, enforcement, and administrative functions necessary for maintaining property operation of these systems, with assistance from the Township solicitor on an as-needed basis.

Douglass Township Board of Supervisors consists of three elected residents. The Township has the ability to acquire, hold, construct, improve, maintain, own and operate all public sewage facilities within the Township. The Board receives support from their appointed solicitor, engineer, and Township Manager. The Board customarily meets once per month to review and act on matters within its purview. It is the duty of the solicitor, engineer, and Township Manager to advise and offer recommendations to the Board on matters involving the construction, improvement and operation of the sanitary sewer system.

The Township has five employees, the Township Manager/Secretary, the Township Treasurer/Assistant Secretary, and three Public Works employees, that manage the sanitary sewer system. The Township Manager/Secretary and the Township Treasurer/Assistant Secretary are responsible for handling all administrative tasks including collection of fees and issuance of building connection permits of new connections. The Public Works employees are responsible for all maintenance activities, including system inspection, cleaning and clearing of blockages.



Sanitary sewer rates, annual budgets, and policies and procedures of the sanitary sewer system are set by the Township with assistance from solicitor, engineer, and Township Manager. Formal actions are adopted or rejected by a vote of the Board, a majority vote of a quorum being required for passage.

No changes to the ownership, operation, or maintenance of sewage facilities within the Township are required to effectively implement the proposed plan. No new municipal departments or municipal authorities are required to implement the proposed plan. The current arrangement of ownership and operation has satisfactorily met the Township's needs and is expected to meet the long-term needs of the Township. The functions of the Board of Supervisors of Douglass Township are anticipated to remain the same for matters related to wastewater generated within the Township.

Douglass Township has enacted ordinance 1999-2, which established rules and regulations for use of the sanitary sewer system. The Township is fully empowered to enforce all rules and regulations against violators, set user fees and take purchasing actions, raise capital for construction and operation and maintenance of facilities, and has the power to negotiate agreements with other parties. Based on a review of the Township's agreements and regulations, the Township has the legal authority to implement the developed wastewater management alternatives

1.8 Project Cost and Funding Analysis

The total project cost consists of three parts; the total construction cost, "soft costs" (legal/administrative/financial, engineering, and construction inspection), and a contingency. During the planning stages of a project, "soft costs" and the contingency are typically estimated using percentages of the estimated construction cost. On Table 1, the percentages that were used to calculate the "soft costs" and contingency for the total project cost is presented.

Table 1: Percentages Used to Develop the Opinion of Probable Project Cost

<i>Category</i>	<i>Percentage Of Opinion Of Probable Construction Cost</i>
<i>Legal / Administrative / Financial</i>	2%
<i>Engineering</i>	10%
<i>Construction Inspection</i>	5%
<i>Contingency</i>	10%



Opinion of Probable Project Cost

The Opinion of Probable Construction Cost for the selected alternative is \$54,625. A detailed cost estimate is provided in Tab 7.

Funding Analysis

Because of the size and scope of the project, the work will be funded privately by the affected property.



1.9 Implementation Schedule

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>ANTICIPATED COMPLETION DATE</u>
1.	Complete Component 3M Act 537 Plan Update to Pottstown Borough Authority, PA American Water Company, Douglass Township and Berks County Planning Commissions for Review	July 1, 2024
2.	Start Public Comment Period	July 1, 2024
3.	Receive Review Comments from Township and County Planning Commissions. Receive Authority & PA American Water Company Sign off.	July 31, 2024
4.	Submit Component 3M to PADEP	August 31, 2024
5.	Receive PADEP Planning Approval	December 28, 2024
6.	Prepare Preliminary Set of Design Plans. Submit to Authority for Review.	March 28, 2025
7.	Prepare Easement Plats/Legal Descriptions for proposed easements (2 easements required). Coordinate securing of easements with Authority and Solicitor.	May 28, 2025
8.	Start Construction	June 28, 2025
9.	Completion of Construction	
	a. Substantial Completion (60 days)	August 27, 2025
	b. Final Completion (90 days)	September 26, 2025



MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 8 Project Cost Estimate and Funding Analysis





DOUGLASS TOWNSHIP
BERKS COUNTY, PENNSYLVANIA
COMPONENT 3M MINOR ACT 537 SEWAGE FACILITIES PLAN UPDATE REVISION
OPINION OF PROBABLE PROJECT COST
STAPLETON 3M PLANNING

Client: Dougllass Township

Prepared By: GTS

Date: 4/3/2024

Project No.: 23-0428-0165

Checked By: _____

Date: _____

Project Name: Stapleton 3M Planning Module

NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	PRICE
LOW PRESSURE SANITARY SEWER FORCE MAIN					
1	1-1/4" SDR-21 HDPE Low Pressure Sewer w/ Bends/Valves/Valve Box & Kickers	LF	225	\$ 125.00	\$ 28,125.00
2	4" SCH40 PVC Lateral & Double Vented Running Cleanout	LF	50	\$ 25.00	\$ 1,250.00
3	E-ONE Grinder Pump	EA	1	\$ 10,000.00	\$ 10,000.00
4	E-ONE Flush Port	EA	1	\$ 3,000.00	\$ 3,000.00
5	Mobilization and Closeout	%	5.00	\$ 650.00	\$ 650.00
COSTRUCTION COST					\$ 43,025
LEGAL/ADMINISTRATION/FINANCIAL (2%)					\$ 900
ENGINEERING (10%)					\$ 4,300
INSPECTION (5%)					\$ 2,100
CONTINGENCY (10%)					\$ 4,300
PROJECT COST					\$ 54,625

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 9 Sewer Surveys and Water Sample Test Results



DOUGLASS TOWNSHIP SEWAGE NEEDS MAIL SURVEY

(CHECK OR FILL IN AS APPROPRIATE; ADD COMMENTS AS NEEDED)

NAME: Todd Stapleton PHONE: _____
(610) 310 - 7318

ADDRESS: 710 Evans Road Pottstown PA 19464

How many people live in your house? 4 () SEASONAL, (X) ALL YEAR
How large is your lot? 0.95 Acres

Do you have more than one sewage system on your lot? () Y, (X) N
If yes, explain: _____

What kind of water system do you have? (X) WELL, () SPRING, () PUBLIC, () OTHER

Do you treat your water? () Y, (X) N If yes, how? _____

If you have a well: Is it (X) DUG or () DRILLED? How deep? Less than 50Ft ft. Is
the well cased? () Y, () N, Unsure if it is cased, I don't believe so

How far is the well or spring from the drain field? about 75 Feet

Is the well (X) UP SLOPE, () DOWN SLOPE of your drain field?

Have you ever had your water tested? () Y, (X) N If so, when? _____

What were the results? _____

What kind of sewage system do you have? (CHECK ALL THAT APPLY)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> SEPTIC TANK | <input type="checkbox"/> INGROUND BED | <input type="checkbox"/> COMMUNITY SEWER |
| <input type="checkbox"/> CESSPOOL | <input type="checkbox"/> INGROUND TRENCH | <input type="checkbox"/> STORM SEWER |
| <input type="checkbox"/> OLD WELL | <input type="checkbox"/> ELEVATED SAND MOUND | <input type="checkbox"/> PIPE TO DITCH |
| <input type="checkbox"/> HOLDING TANK | <input type="checkbox"/> SEEPAGE PIT | <input type="checkbox"/> PIPE TO STREAM |
| <input type="checkbox"/> PRIVY | <input type="checkbox"/> BORE HOLE | <input type="checkbox"/> PIPE TO SURFACE |
| <input type="checkbox"/> PUBLIC SEWER | <input type="checkbox"/> OTHER _____ | |

Where does your laundry and/or sink water go? (CHECK ALL THAT APPLY)

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> SEPTIC TANK | <input type="checkbox"/> INGROUND BED | <input type="checkbox"/> COMMUNITY SEWER |
| <input type="checkbox"/> CESSPOOL | <input type="checkbox"/> INGROUND TRENCH | <input type="checkbox"/> STORM SEWER |
| <input type="checkbox"/> OLD WELL | <input type="checkbox"/> ELEVATED SAND MOUND | <input type="checkbox"/> PIPE TO DITCH |
| <input type="checkbox"/> HOLDING TANK | <input type="checkbox"/> SEEPAGE PIT | <input type="checkbox"/> PIPE TO STREAM |
| <input type="checkbox"/> PRIVY | <input type="checkbox"/> BORE HOLE | <input type="checkbox"/> PIPE TO SURFACE |
| <input type="checkbox"/> PUBLIC SEWER | <input checked="" type="checkbox"/> OTHER | |

Gray Water line at times when septic tank is full

How old is your system? 1966 Was it permitted? () Y, () N When? _____

Have you ever noticed any of the following near your septic system? (CIRCLE ALL THAT APPLY)

- | | |
|--|---|
| <input checked="" type="checkbox"/> GREEN LUSH GRASS | <input checked="" type="checkbox"/> WETNESS OR SPONGY AREAS |
| <input checked="" type="checkbox"/> ODORS | <input type="checkbox"/> WATER PONDING OR SURFACING |
| <input checked="" type="checkbox"/> SLUGGISH DRAINS | <input type="checkbox"/> WASTEWATER BACKING INTO THE HOME |
| <input type="checkbox"/> SYSTEM OVERFLOW | <input type="checkbox"/> OTHER _____ |

Toilets do not flush when we have rain

Was your system ever pumped out? (X) Y, () N How often? Every 3 years Last time? 2022

If it was pumped, was it inspected for cracks or broken baffles?
No

Was your system ever repaired? () Y, (X) N When? _____ By permit? () Y, () N

What part was repaired or replaced? (CHECK ALL THAT APPLY)

TANK: () REPAIRED, () REPLACED

LINE: () REPAIRED, () REPLACED

DRAIN FIELD: () REPAIRED, () REPLACED

Are you aware of any other sewage problems? When system is pumped water is coming back from the drain field

COMMENTS: Septic tank is 3 feet underground, so I am assuming groundwater is getting in. System did not perk when tested in 2021.

grey water discharged to ground surface



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2415037

Report: 04/09/24

Lab Contact: Rafael A Quijada

Attention: Scot McCaffrey
Reported To: Systems Design Engineering, Inc.
1032 James Drive
Leesport, PA 19533

Project Info: GW
Douglass Township

Lab ID: 2415037-01 **Collected By:** Client **Sampled:** 04/04/24 14:10 **Received:** 04/04/24 15:35
Sample Desc: 710 Evans Road **Sample Type:** grab

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	
General Chemistry								
Nitrate as N	3.38	mg/l	1.00	EPA 300.0 Rev 2.1	04/04/24 18:00		KCS	
Nitrite as N	<0.10	mg/l	0.10	EPA 300.0 Rev 2.1	04/04/24 18:00		KCS	
Nitrate+Nitrite as N	3.38	mg/l	1.10	CALCULATED	04/04/24 18:00		KCS	
	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst
Microbiology								
Fecal Coliform	<2	CFU/100ml	2	SM 9222 D	4/4/24 17:11	4/5/24 15:41		ZJB



107 Angelica Street ○ Reading, PA 19611 ○ www.mjreider.com ○ (610) 374-5129 ○ fax (610) 374-7234

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NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current
NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.

Additional accreditations by MD (261)



M. J. Reider Associates, Inc.

107 Angelica Street
Reading, PA 19611

Phone: 610-374-5129 FAX: 610-374-7234

CHAIN OF CUSTODY REI

Please Print Legibly

(INSTRUCTIONS ON BACK OF THIS

DISTRIBUTION: White: Report; Yellow: Sub

2415037

PM: RAQ

Systems Design Engineering, Inc.

GW



Page ___ of ___

Report Type: _____

Outline _____

1. Client (Company or Individual):

Systems Design Engineering

Address: 1032 JAMES DRIVE

City: LEESPORT State: PA ZIP: 19533 Phone: 610-916-8500 FAX: _____

Standard QC

Data Package

2. Invoice To: (If different from above)

Dougllass Township

Address: 1068 DOUGLASS DRIVE

City: BOYERTOWN State: PA ZIP: 19512 Phone: 610-367-8500 FAX: _____

7. Turnaround Time

Standard

3. Client Project Name / #: TIOEVANS ROAD

4. P.O. No.:

5. Sampled By: Shannon Petrillo

RUSH: ___/___/___

Matrix Code (for item 12)

Container Codes (for item 13)

Preservative Code (for item 14)

DW = Drinking Water

GW = Ground Water

WW = Waste Water

S = Soil

O = Other _____

2L = 2 Liter

L = Liter

500 = 500ml

250 = 250ml

125 = 125ml

40 = 40ml

V = VOA vial

G = Glass

P = Plastic

M = Micro

O = Other

A = Ascorbic Acid

C = HCl

N = HNO3

S = H2SO4

P = H3PO4

H = NaOH

M = Monochloroacetic Acid

T = Na2S2O3

E = EDTA

L = NH4Cl

Z = Zinc Acetate

V = Ascorbic/HCl

O = Other

Sample Receipt Information

Temperature @ 4C? Y N

Samples received on ice? (Y) N

Sample Containers Intact? (Y) N

VOC's Free of HeadSpace? Y N

COC Seal Intact or attached? Y N

Samples Shipped or Hand Delivered

Method of Shipment: _____

Tracking #: _____

Cooler Return Fee: _____

ICE CHEST NUMBER: _____

Checked by: _____

8. COMPLIANCE PURPOSE:

Public Drinking Water: PA SDWA Forms Required

FHA/Realty

PWSID # _____

NPDES

16.

120/S 250/P
T P

13. Container: Size / Type

14. Preservative

15. Analyses Requested

FC (counts)

Nitrates 100

Nitrate/Nitrogen 100

MJRA ID #

9. Sample Description

10.

11.

12.

Total # of Containers

Date

Time

Composite

Grab

Matrix

01 } TIOEVANS ROAD
TIOEVANS ROAD
TIOEVANS ROAD

4/4/24 2:10 X
4/4/24 2:10 X
4/4/24 2:10 X

1 1 1 1

18. RELINQUISHED BY

Shannon Petrillo

19. RECEIVED BY

ngreenawa

DATE

4-4-24

TIME

1535

Entered by: _____

Approved by: _____ TST _____ hrs

Comments: _____

The Client, by signing, or having client's agent sign, this Chain of Custody Form, agrees to pay for the above requested services per the MJRA Price List or Quotation provided including any and all attorney fees if collection becomes necessary.

M.J. Reider Associates, Inc.

MJRA Terms & Conditions

All samples submitted must be accompanied by signed documentation representing a Chain of Custody (COC). The COC Record acts as a contract between the client and MJRA. Signing the COC form gives approval for MJRA to perform the requested analyses and is an agreement to pay for the cost of such analyses. COC Records must be completed in black or blue indelible ink (must not run when wet). COC documentation begins at the time of sample collection. Client is required to document all sample details prior to releasing samples to MJRA. All samples must be placed on ice immediately after sampling and shipped or delivered to the laboratory in a manner that will maintain the sample temperature above freezing and below 6C (loose ice is preferred).

Sample Submission, Sample Acceptance & Sampling Containers

Included on the COC must be the sample description, date and time of collection (including start and stop for composites), container size and type, preservative information, sample matrix, indication of whether the sample is a grab or composite, number of containers & a list of the tests to be performed. Poor sample collection technique, inappropriate sampling containers and/or improper sample preservation may lead to sample rejection. Suitable sample containers, labels, and preservatives (as applicable), along with blank COCs are provided at no additional cost.

Turnaround Times (TAT)

Average TAT for test results range from 5 to 15 working days depending on the specific analyses and time of year submitted. Faster turnaround times (*RUSH TAT) may be available depending on the current workload in a particular department and the nature of the analyses requested. We encourage you to verify requests for expedited sample results with one of our Technical Directors prior to sample submittal. Without confirmation from a Technical Director, your results may not be completed by your deadline. *RUSH TAT Surcharges are applied for expedited turnaround times.

Analytical Results, Sample Collection Integrity & Subcontracting

Analytical values are for the sample as submitted and relate only to the item tested. The value indicates a snapshot of the constituent content of the sample at the time of sample collection. Analytical results can be impacted by poor sample collection technique and/or improper preservation. All sample collection completed by MJRA was performed in accordance with applicable regulatory protocols or as specified in customer specific sampling plans. Constituent content will vary over time based on the matrix of the sample and the physical and chemical changes to its environment. All sample results and laboratory reports are strictly confidential. Results will not be available to anyone except the primary client or authorized party representing the client unless MJRA receives additional permissions from the client. When necessary, MJRA will subcontract certain analyses to a third party accredited laboratory. If client prohibits subcontracting, it must be provided in writing and include instruction on how to proceed with client samples that require third party analyses.

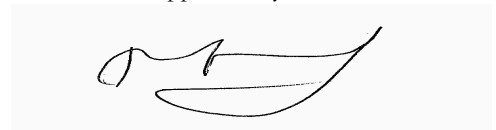
Payment Terms

Payment Terms are Net 30 days. Prices are subject to change without notice. A standing monthly charge of 1.5% of the clients over-30-day-unpaid balance may be added to the balance after 30 days and each month thereafter (day 31, 61, 91 etc.). The laboratory accepts all major credit cards, ACH transactions, checks and cash. New clients must pay for all services rendered prior to sample collection and/or in some cases report processing. Clients must contact the MJRA accounting department to pursue a credit-based account. MJRA reserves the right to terminate the client's credit account and to refuse to perform additional services on a credit basis if any balance is outstanding for more than 60 days.

Warranty & Litigation

MJRA does not guarantee any results of its services but has agreed to use its best efforts, in accordance with the standards and practices of the industry, to cause such results to be accurate and complete. We disclaim any other warranties, expressed or implied, including a warranty of fitness for a particular purpose and warranty of merchantability. Clients agree that they shall reimburse MJRA for any and all fees, cost and litigation expenses, including reasonable attorney fees incurred by MJRA in obtaining payment for the services rendered. All costs associated with compliance with any subpoena for documents, testimony, or any other purpose relating to work performed by MJRA, for a client, shall be paid by that client. MJRA's aggregate liability for negligent acts and omissions and of an intentional breach by MJRA will not exceed the fee paid for the services. Client agrees to indemnify and hold MJRA harmless for any and all liabilities in excess of said amount. Neither MJRA nor the client shall be liable to the other for special, incidental consequential or punitive liability or damages included but not limited to those arising from delay, loss of use, loss of profits or revenues. MJRA will not be liable to the client unless the client has notified MJRA of the discovery of the alleged negligent act, error, omissions or breach within 30 days of the day of its discovery and within one year of the date of invoice.

Reviewed and Approved by:



Rafael A Quijada
Project Manager



107 Angelica Street ○ Reading, PA 19611 ○ www.mjreider.com ○ (610) 374-5129 ○ fax (610) 374-7234

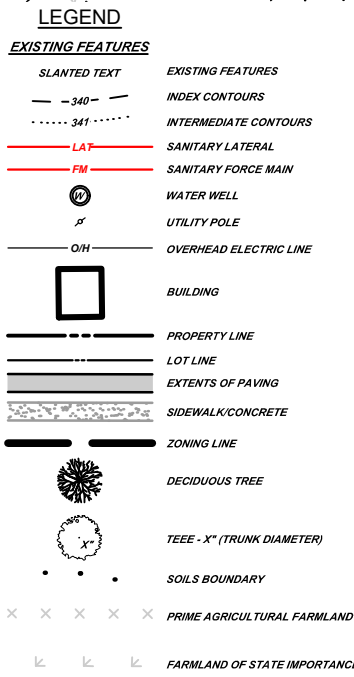
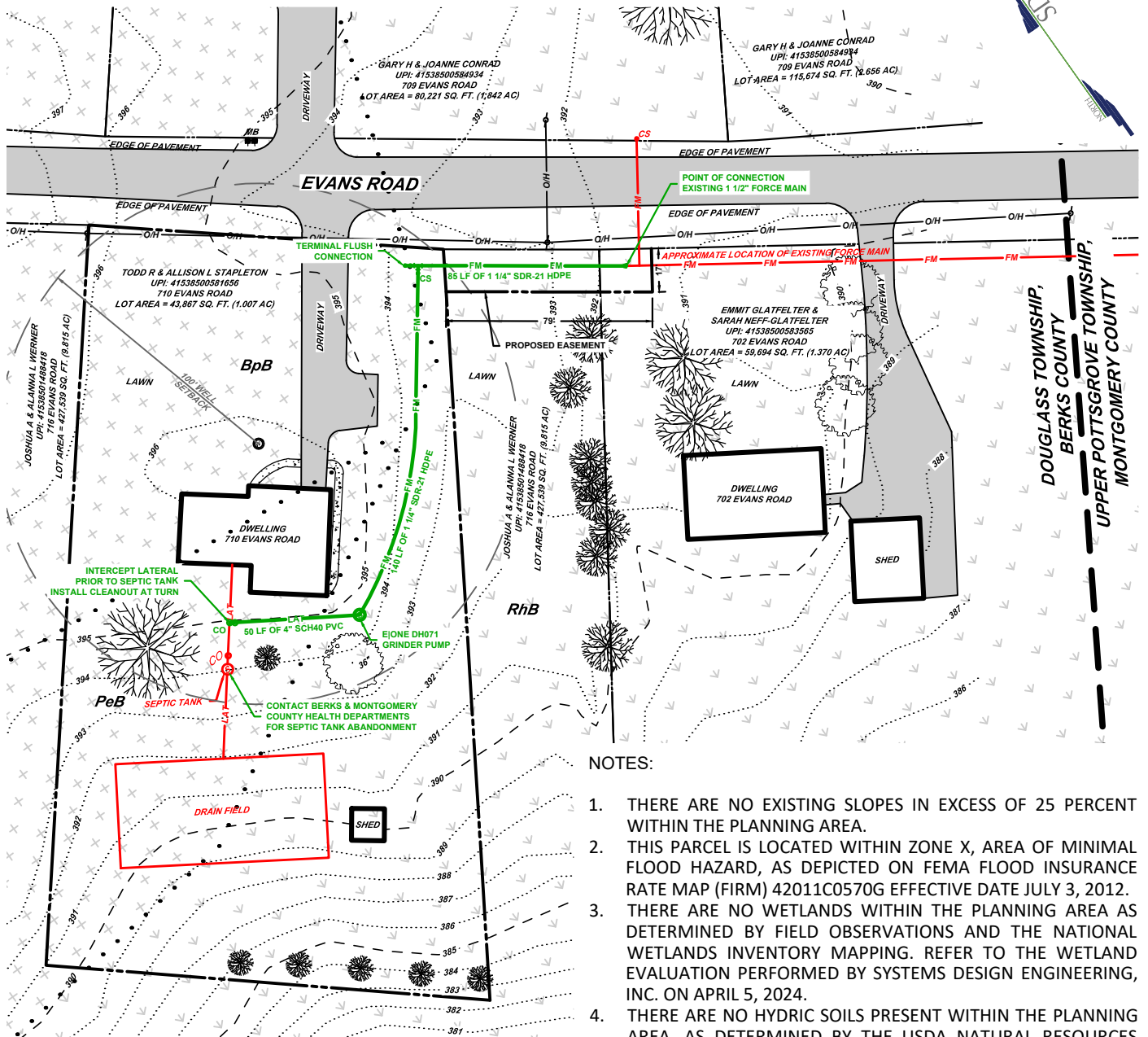
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NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.
Additional accreditations by MD (261)

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 10.1 Site Plan





NOTES:

1. THERE ARE NO EXISTING SLOPES IN EXCESS OF 25 PERCENT WITHIN THE PLANNING AREA.
2. THIS PARCEL IS LOCATED WITHIN ZONE X, AREA OF MINIMAL FLOOD HAZARD, AS DEPICTED ON FEMA FLOOD INSURANCE RATE MAP (FIRM) 42011C0570G EFFECTIVE DATE JULY 3, 2012.
3. THERE ARE NO WETLANDS WITHIN THE PLANNING AREA AS DETERMINED BY FIELD OBSERVATIONS AND THE NATIONAL WETLANDS INVENTORY MAPPING. REFER TO THE WETLAND EVALUATION PERFORMED BY SYSTEMS DESIGN ENGINEERING, INC. ON APRIL 5, 2024.
4. THERE ARE NO HYDRIC SOILS PRESENT WITHIN THE PLANNING AREA, AS DETERMINED BY THE USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY.
5. THE PLANNING AREA IS LOCATED WITHIN THE BRUNSWICK FORMATION GEOLOGY GROUP AS DETERMINED BY THE PA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES.
6. THE PLANNING AREA IS LOCATED WITHIN THE RS, RURAL SUBURBAN RESIDENTIAL DISTRICT.



NO.	DATE	REVISION	BY

1032 JAMES DR. LEESPORT, PA 19533 BOYERTOWN, PA 610.369.1319
 PHONE: 610.916.8500 FAX: 610.916.8501 SCHUYLKILL HAVEN, PA 570.385.5549

DOUGLASS TOWNSHIP
STAPLETON 3M PLANNING MODULE
 EXHIBIT 1
 710 EVANS ROAD
 POTTSTOWN, PA 19464
 SITUATE IN

DRAWN BY	CHECKED	APPROVED	CADD FILE NAME	SHEET 1 OF 1
GTS	MJP	MJP	EX-1.DWG	
DATE	SCALE	DRAWING NUMBER		
5/22/2024	1" = 60'	A-23-0428-0165-EX-1		

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MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 10.2 Wetland Survey





April 8th, 2024
Douglass Township
1068 Douglass Drive
Boyertown PA, 19512

Wetland Assessment

To whom it may concern,

Systems Design Engineering's certified wetland scientist has evaluated the 710 Evans Road property, located in Douglass Township, Berks County PA for any features that would be considered state and/or federally regulated according to the 1987 Army Corps of Engineers Wetlands Delineation Manual and Interim Regional Supplement.

The project is located in the Eastern Mountain and Piedmont Region, Land Resource Region "S" and Major Land Resource Area "148". By using applicable assessment techniques during the site evaluation, the wetland scientist did not identify any features that would be considered state and/or federal regulated. The site consisted of non-hydric soils and predominately upland vegetation; there was a small drainage swale from the center of the property flowing West, although it was created by the discharge of basement drainage onto the surface of the ground.

Our findings are based on current site conditions that are subject to change, the evaluation was performed on April 4th, 2024, any disturbance to any regulated features is subject to permitting by the state and/or federal government. Please let us know if you have any further questions or concerns.

Very truly yours,

SYSTEMS DESIGN ENGINEERING, INC.

A handwritten signature in cursive script that reads "Shannon Petrillo". The signature is written in black ink and is positioned above the printed name and title.

Shannon Petrillo
Wetland Scientist
SDE File # 24-0148-0126

710 Evans Road Douglass Township
Photo Sheet
SDE File # 23-0428-0165



Photo 1: Rear view of the residence (Northeast view)



Photo 2: Rear/side view of the residence (facing Northeast)

710 Evans Road Douglass Township
Photo Sheet
SDE File # 23-0428-0165



Photo 3: Rear view of the residence (facing East)



Photo 4: Front view of the residence (South facing)

1032 James Drive, Leesport, PA 19533 • P: 610.916.8500 • F: 610.916.8501

Schuylkill Haven, PA • P: 570.385.5549

Boyertown, PA • P: 610.369.1319

710 Evans Road Douglass Township
Photo Sheet
SDE File # 23-0428-0165



Photo 5: Side of the residence (facing West)



Photo 6: Rear property line (facing Southwest)

710 Evans Road Douglass Township
Photo Sheet
SDE File # 23-0428-0165



Photo 7: Facing northern property line

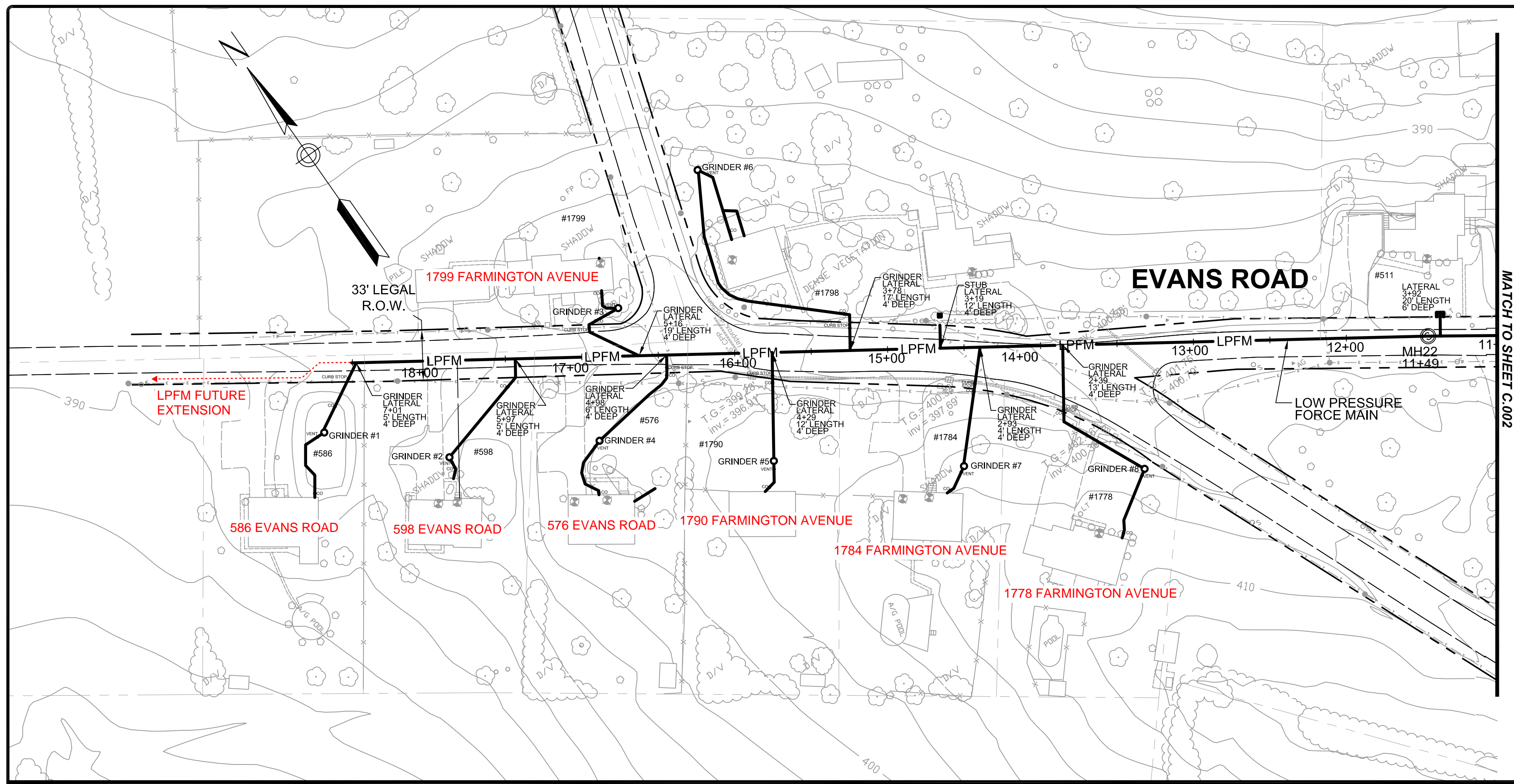


Photo 8: Drainage swale flowing East to West on the back end of the property line. Malfunction of Sewage disposal system (discharging to ground surface)

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

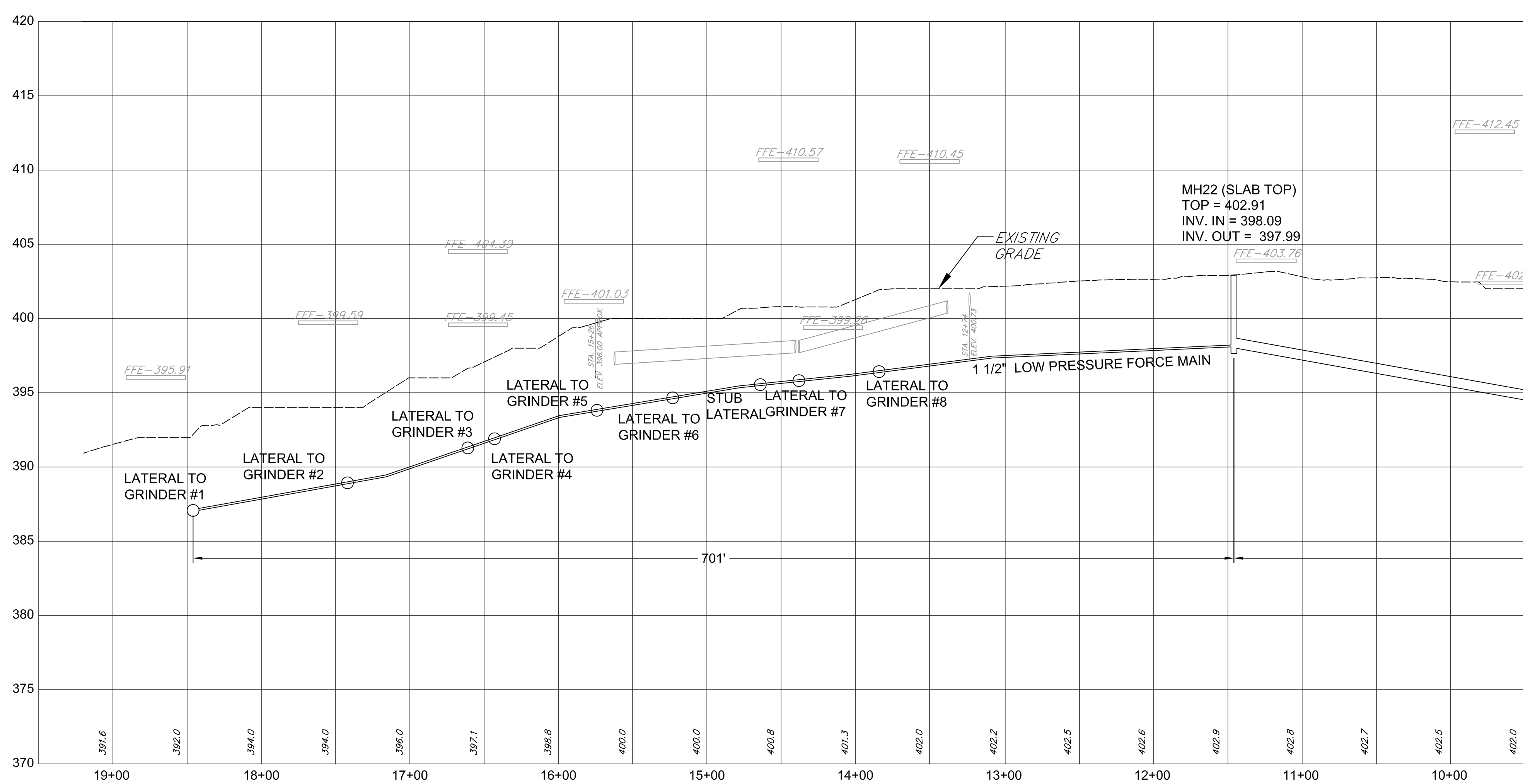
- Tab 10.3 Farmington Avenue West Sanitary Sewer System Phase II As-built drawings from LTL Consultants, LTD, dated 10/10





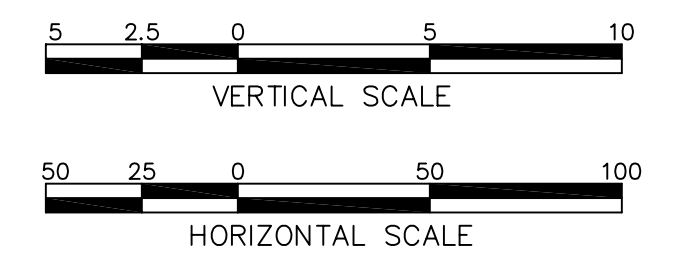
LEGEND

- 6" PVC SEWER LATERAL, INSTALLED TO LIMIT OF RIGHT-OF-WAY OR EASEMENT, CAPPED AND MARKED
- GRAVITY MAIN
- FORCE MAIN
- LPFM - LOW PRESSURE FORCE MAIN
- SEWER MANHOLE
- POSSIBLE FUTURE GRINDER PUMP



NOTES:

1. CONTRACTOR SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UTILITIES. UTILITY INFORMATION SHOWN IS NOT GUARANTEED AND IS BASED ON PA ONE CALL FIELD MARKING.
2. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS IN ADVANCE OF SEWER MAIN CONSTRUCTION FOR LOCATION OF PROPOSED LATERAL LINE. LATERAL LOCATIONS SHOWN ARE FOR PROPERTY SEWER SERVICE IDENTIFICATION PURPOSES ONLY.
3. LATERAL LINES SHALL BE INSTALLED FROM THE MAIN LINE TO LIMIT OF RIGHT-OF-WAY OR EASEMENT, AT A DEPTH TO FACILITATE FIRST FLOOR SEWER CONNECTION.
4. CONTRACTOR SHALL MARK CAPPED END OF LATERAL WITH BRIGHTLY PAINTED WOODEN STAKE, AND INDICATE DEPTH OF LATERAL ON STAKE WITH PERMANENT MARKER OR PAINT.
5. CONSTRUCTION AND RESTORATION IN ALL PENNDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH PENNDOT GUIDELINES AND PUBLICATIONS.
6. NO STOCKPILING OF MATERIAL AND STORAGE OF EQUIPMENT IS PERMITTED ON PRIVATE PROPERTY.
7. CONTRACTOR SHALL NOTIFY RESIDENTS IN ADVANCE OF ACCESS RESTRICTION TO PROPERTY, LIMIT PERIODS OF ACCESS RESTRICTION AND COORDINATE WITH EMERGENCY PERSONNEL.
8. ALL PVC PIPE WITH LESS THAN 14'-0" OF COVER SHALL BE SDR-35, UNLESS NOTED OTHERWISE. ALL PVC PIPE WITH GREATER THAN 14'-0" OF COVER SHALL BE SDR-26. ALL PVC FORCE MAIN SHALL BE SDR-21.
9. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING SEPTIC SYSTEM AND SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGE DONE. REPAIRED OR REPLACED SYSTEMS SHALL PERFORM TO NO LESS A STANDARD THAN THE EXISTING SEPTIC SYSTEM DURING AND AFTER CONSTRUCTION UNTIL THE PUBLIC COLLECTION SYSTEM BECOMES OPERATIONAL.



ANNOTATED BY SDE ON 5/22/24

SHEET TITLE: PLAN & PROFILE - EVANS ROAD - WEST	
PROJECT: FARMINGTON AVENUE WEST SANITARY SEWER SYSTEM PHASE II AS-BUILTS	
PROJECT LOCATION: UPPER POTTS GROVE TOWNSHIP	PROJECT NO.: 0520-1002
DRAWN BY: AFC	APPROVED BY: CPP
SCALE: AS SHOWN	DATE: 10/10
<small>LTL CONSULTANTS, LTD. ENGINEERS & CODE OFFICIALS P.O. BOX 241 ONE TOWN CENTRE DRIVE OLEY, PA 19547</small>	
SHEET NO.: C.001	

NO.	DESCRIPTION	DATE	BY
REVISIONS			

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 10.4 E | One Sewer Design





Environment One Corporation

EXHIBIT 4

Pressure Sewer Preliminary

Design Analysis

For

Stapleton 3M Planning Module

Prepared For:
Systems Design Engineering, Inc
1032 James Drive
Leesport PA 19533
Tel: 610-916-8500
Fax: 610-916-8501
Prepared By: Grant Stahl
April 1, 2024

PRELIMINARY PRESSURE SEWER - PIPE SIZING AND BRANCH ANALYSIS
Stapleton 3M Planning Module

Prepared By:
Grant Stahl

April 1, 2024

Zone Number	Connects to Zone	Number of Pumps in Zone	Accum Pumps in Zone	Gals/day per Pump	Max Flow Per Pump (gpm)	Max Sim Ops	Max Flow (GPM)	Pipe Size (inches)	Max Velocity (FPS)	Length of Main this Zone	Friction Loss Factor (ft/100 ft)	Friction Loss This Zone	Accum Fric Loss (feet)	Max Main Elevation	Minimum Pump Elevation	Static Head (feet)	Total Dynamic Head (ft)
This spreadsheet was calculated using pipe diameters for: SDR21PVC										Friction loss calculations were based on a Constant for inside roughness "C" of: 150							
1.00	2.00	1	1	300	11.00	1	11.00	1.25	2.00	250.00	1.17	2.92	57.37	398.09	390.00	8.09	65.46
2.00	2.00	9	10	300	11.00	4	44.00	1.50	6.07	701.00	7.77	54.45	54.45	398.09	387.00	11.09	65.54

Note: This analysis is valid only with the use of progressive cavity type grinder pumps as manufactured by Environment One.

PRELIMINARY PRESSURE SEWER - ACCUMULATED RETENTION TIME (HR)
Stapleton 3M Planning Module

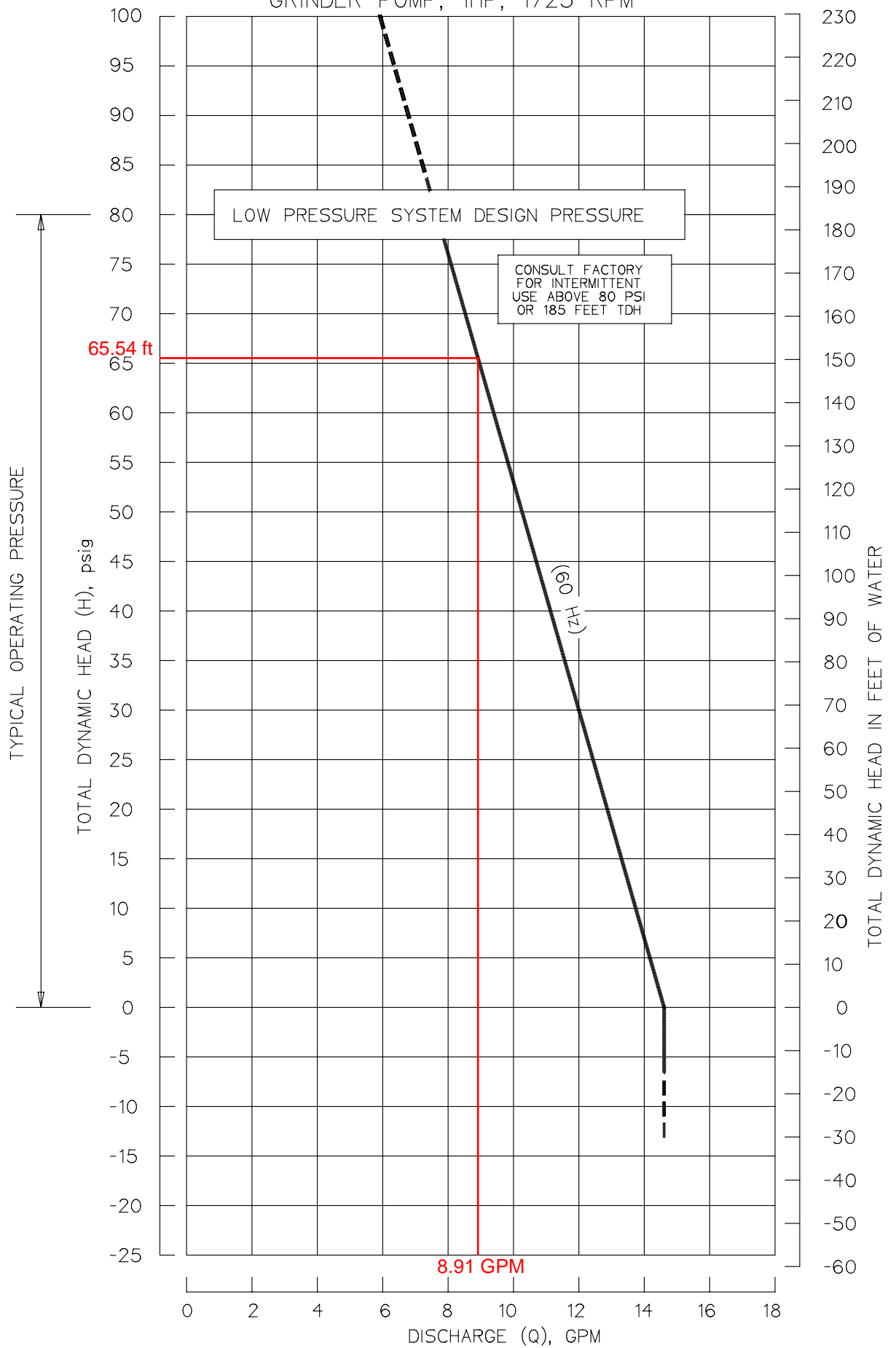
Prepared By:
Grant Stahl

April 1, 2024

Zone Number	Connects to Zone	Accumulated Total of Pumps this Zone	Pipe Size (inches)	Gallons per 100 lineal feet	Length of Zone	Capacity of Zone	Average Daily Flow	Average Fluid Changes per Day	Average Retention Time (Hr)	Accumulated Retention Time (Hr)
This spreadsheet was calculated using pipe diameters for: SDR21PVC							Gals per Day per Dwelling		300	
1.00	2.00	1	1.25	9.15	250.00	22.89	300	13.11	1.83	2.51
2.00	2.00	10	1.50	12.07	701.00	84.61	3,000	35.46	0.68	0.68

E|ONE SPD PUMP PERFORMANCE CURVE

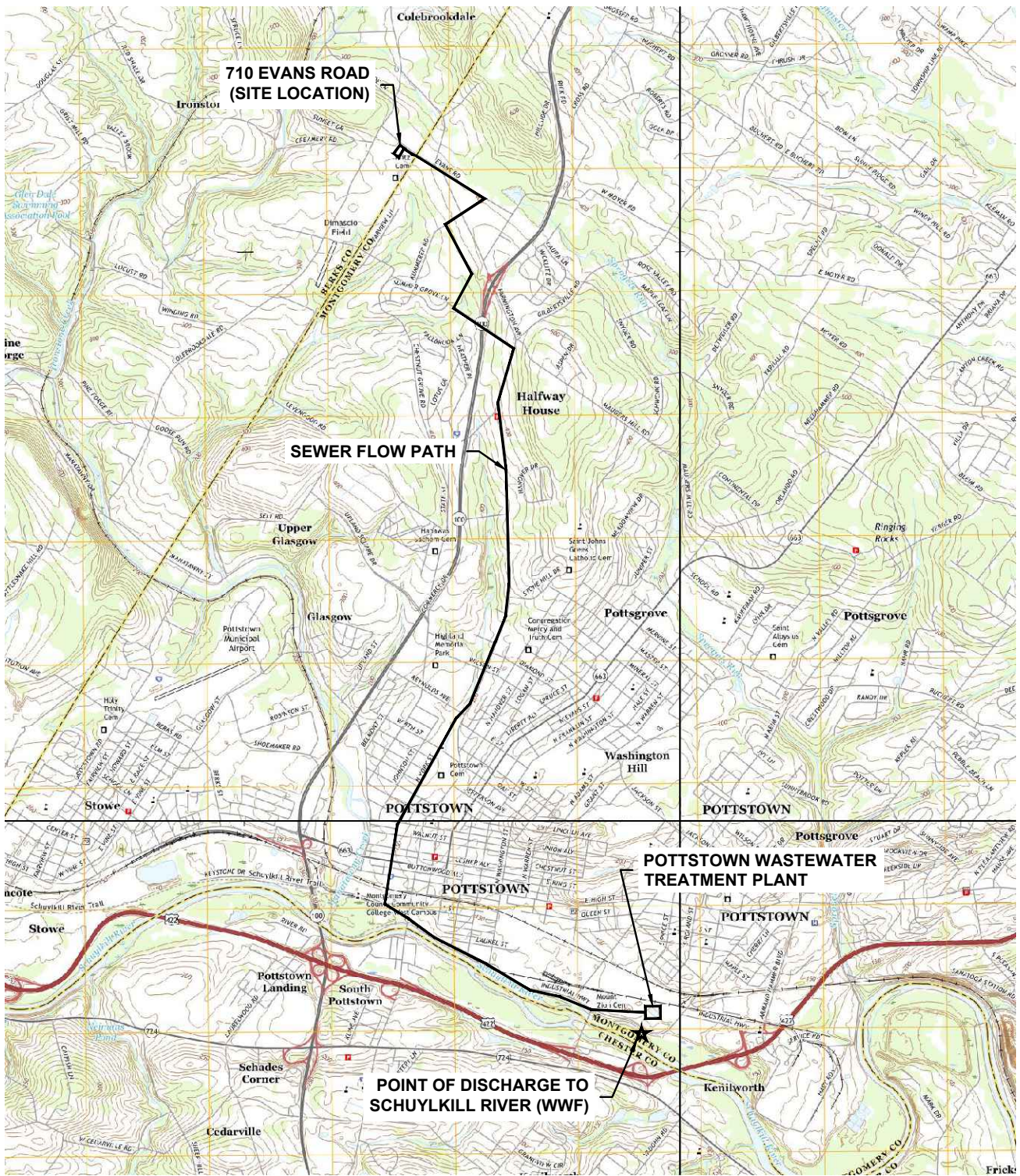
GRINDER PUMP, 1HP, 1725 RPM



MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

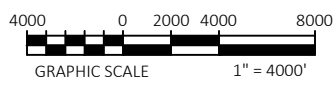
- Tab 10.5 Sewer Flow Path





QUAD MAP OVERVIEW

- | | |
|---|---|
| 1 | 2 |
| 3 | 4 |
1. BOYERTOWN QUAD
 2. SASSAMANSVILLE QUAD
 3. POTTSTOWN QUAD
 4. PHOENIXVILLE QUAD



NO.	DATE	REVISION	BY

**SYSTEMS DESIGN
ENGINEERING, INC**

1032 JAMES DR. LEESPORT, PA 19533 BOYERTOWN, PA 610.369.1319
PHONE: 610.916.8500 FAX: 610.916.8501 SCHUYLKILL HAVEN, PA 570.385.5549

DOUGLASS TOWNSHIP
STAPLETON 3M PLANNING MODULE
EXHIBIT 5 - SEWER FLOW PATH
710 EVANS ROAD
POTTSTOWN, PA 19464
SITUAITE IN

DRAWN BY GTS	CHECKED MJP	APPROVED MJP	CADD FILE NAME 1 FLOW PATH.DWG
DATE 5/22/2024	SCALE 1" = 4000'	DRAWING NUMBER A-23-0428-0165-EX-1	

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 11 PNDI Search Results



1. PROJECT INFORMATION

Project Name: **Todd Stapleton Sewer Line**

Date of Review: **8/29/2023 11:12:00 AM**

Project Category: **Waste Transfer, Treatment, and Disposal, Liquid waste/Effluent, Sewer line maintenance-repair, replacement of existing line**

Project Area: **0.45 acres**

County(s): **Berks**

Township/Municipality(s): **DOUGLASS TOWNSHIP**

ZIP Code:

Quadrangle Name(s): **BOYERTOWN**

Watersheds HUC 8: **Schuykill**

Watersheds HUC 12: **Lower Manatawny Creek**

Decimal Degrees: **40.299061, -75.651427**

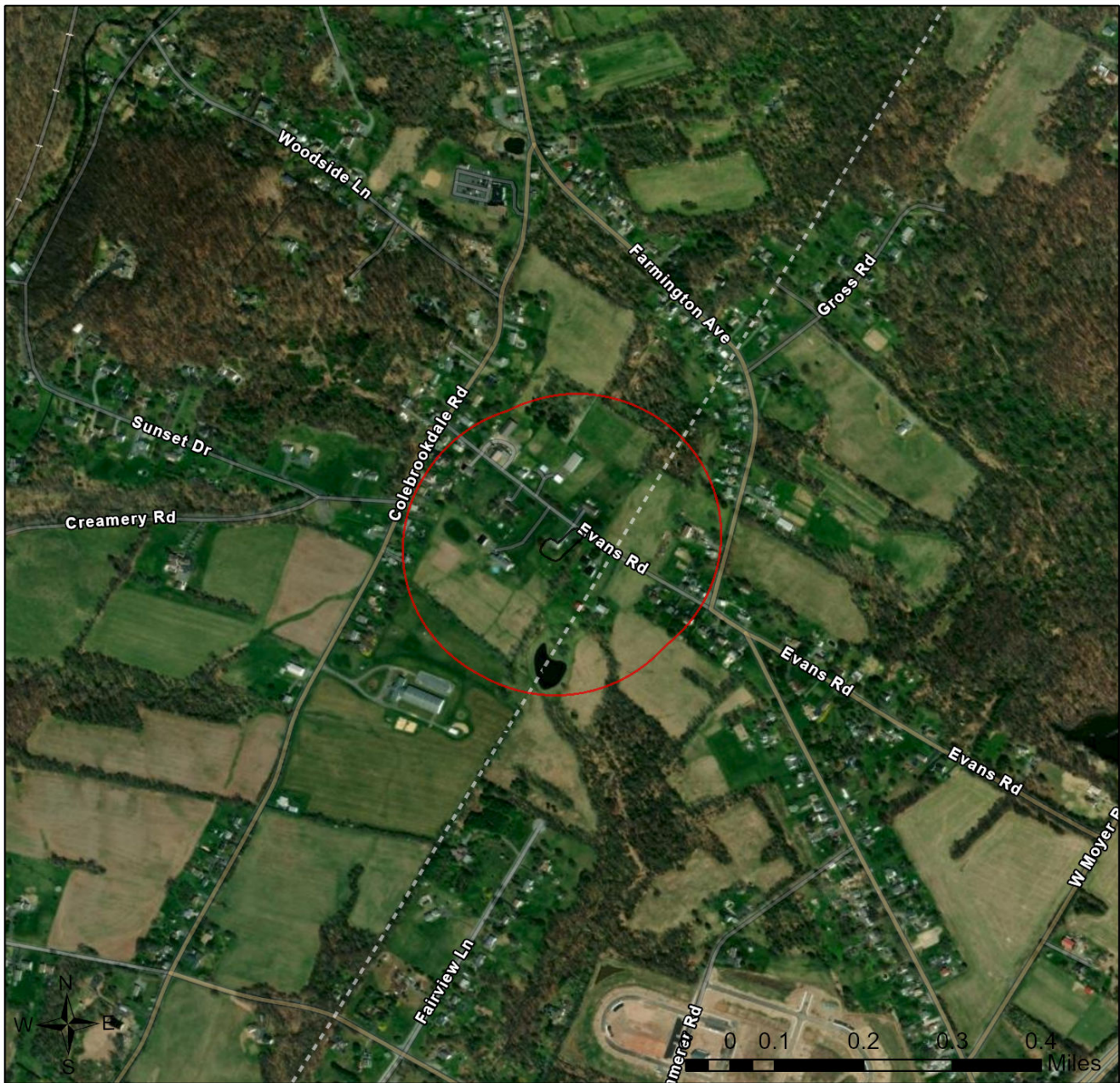
Degrees Minutes Seconds: **40° 17' 56.6200" N, 75° 39' 5.1354" W**



2. SEARCH RESULTS

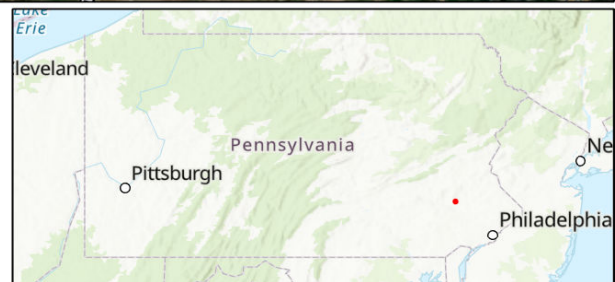
Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

Todd Stapleton Sewer Line

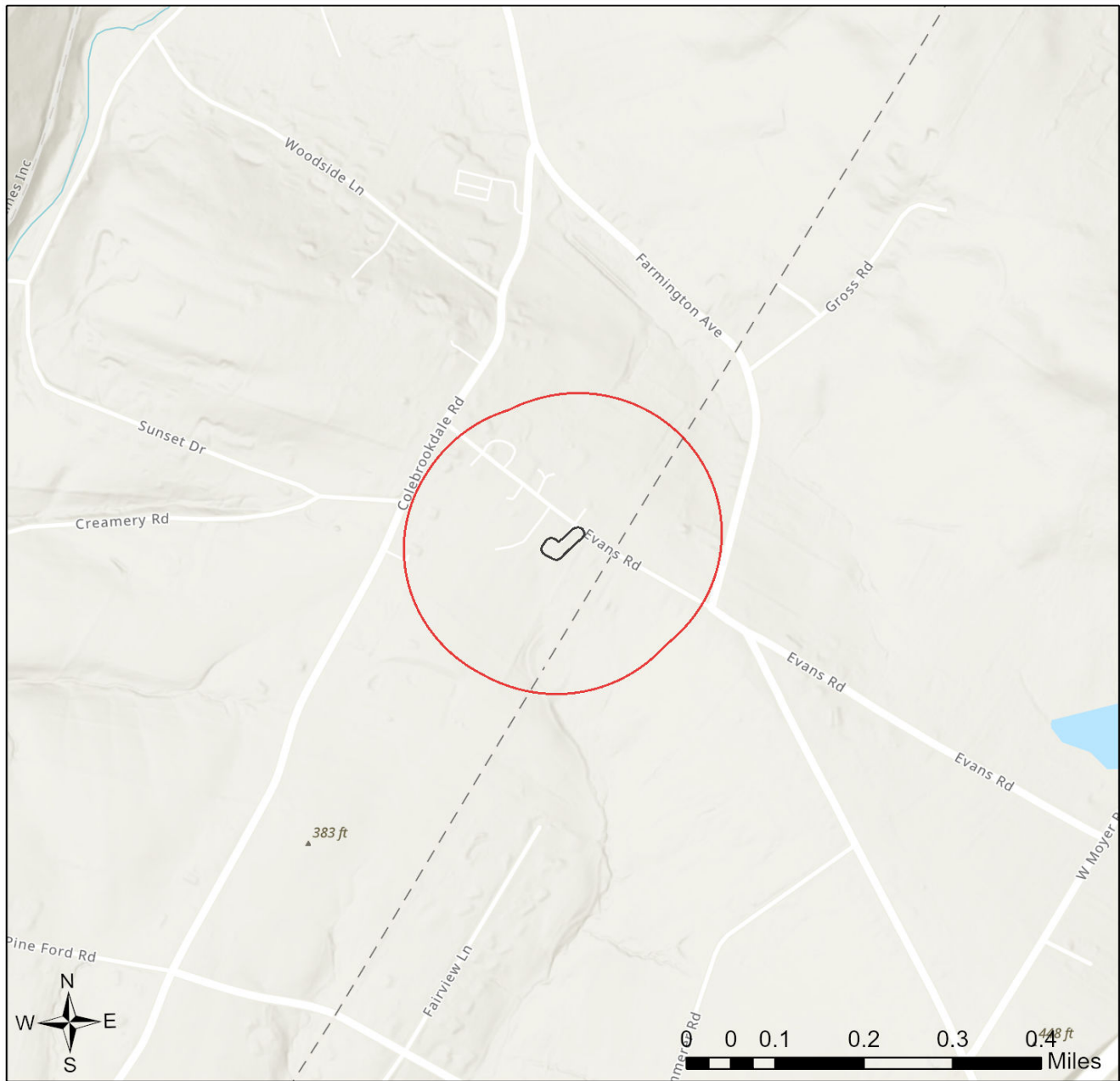


-  Buffered Project Boundary
-  Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

Todd Stapleton Sewer Line



- Buffered Project Boundary
- Project Boundary



Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

RESPONSE TO QUESTION(S) ASKED

Q1: Accurately describe what is known about wetland presence in the project area or on the land parcel by selecting ONE of the following. "Project" includes all features of the project (including buildings, roads, utility lines, outfall and intake structures, wells, stormwater retention/detention basins, parking lots, driveways, lawns, etc.), as well as all associated impacts (e.g., temporary staging areas, work areas, temporary road crossings, areas subject to grading or clearing, etc.). Include all areas that will be permanently or temporarily affected -- either directly or indirectly -- by any type of disturbance (e.g., land clearing, grading, tree removal, flooding, etc.). Land parcel = the lot(s) on which some type of project(s) or activity(s) are proposed to occur.

Your answer is: The entire project and associated discharge, plus a 300-foot buffer around the project area, all occur in or on an existing building, parking lot, driveway, road, road shoulder, street, runway, paved area, railroad bed, maintained lawn, or crop agriculture field.

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE:

No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE:

No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq. is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. Two review options are available to permit applicants for handling PNDI coordination in conjunction with DEP's permit review process involving either T&E Species or species of special concern. Under sequential review, the permit applicant performs a PNDI screening and completes all coordination with the appropriate jurisdictional agencies prior to submitting the permit application. The applicant will include with its application, both a PNDI receipt and/or a clearance letter from the jurisdictional agency if the PNDI Receipt shows a Potential Impact to a species or the applicant chooses to obtain letters directly from the jurisdictional agencies. Under concurrent review, DEP, where feasible, will allow technical review of the permit to occur concurrently with the T&E species consultation with the jurisdictional agency. The applicant must still supply a copy of the PNDI Receipt with its permit application. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. The applicant and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <https://conservationexplorer.dcnr.pa.gov/content/resources>.



5. ADDITIONAL INFORMATION

The PNDI environmental review website is a preliminary screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552
Harrisburg, PA 17105-8552
Email: RA-HeritageReview@pa.gov

PA Fish and Boat Commission

Division of Environmental Services
595 E. Rolling Ridge Dr., Bellefonte, PA 16823
Email: RA-FBPACENOTIFY@pa.gov

U.S. Fish and Wildlife Service

Pennsylvania Field Office
Endangered Species Section
110 Radnor Rd; Suite 101
State College, PA 16801
Email: IR1_ESPenn@fws.gov
NO Faxes Please

PA Game Commission

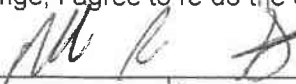
Bureau of Wildlife Management
Division of Environmental Review
2001 Elmerton Avenue, Harrisburg, PA 17110-9797
Email: RA-PGC_PNDI@pa.gov
NO Faxes Please

7. PROJECT CONTACT INFORMATION

Name: Todd Stapleton
Company/Business Name: _____
Address: 710 Evans Road
City, State, Zip: Pottstown, PA 19464
Phone: (610) 310-7318 Fax: (_____) _____
Email: tstaples39@comcast.net

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.


applicant/project proponent signature

09/10/2023
date

MINOR ACT 537 SEWAGE FACILITIES PLAN
UPDATE REVISION
DOUGLASS TOWNSHIP
BERKS COUNTY, PA

- Tab 12 PHMC Search Results





April 8, 2024

Sent Via PA-SHARE

RE: ER Project # 2024PR01728.001, Stapleton 3M Planning Module, Department of Environmental Protection, Douglass Township, Berks County

Dear Submitter,

Thank you for submitting information concerning the above referenced project. The Pennsylvania State Historic Preservation Office (PA SHPO) reviews projects in accordance with state and federal laws. Section 106 of the National Historic Preservation Act of 1966, and the implementing regulations (36 CFR Part 800) of the Advisory Council on Historic Preservation, is the primary federal legislation. The Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988) is the primary state legislation. These laws include consideration of the project's potential effects on both historic and archaeological resources.

Above Ground Resources

No Above Ground Concerns - Environmental Review - No Effect - Above Ground

Based on the information received and available within our files, it is our opinion that the proposed project will have No Effect on above ground historic properties, including historic buildings, districts, structures, and/or objects, should they exist. Should the scope of the project change and/or should you be made aware of historic property concerns, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning above ground resources, please contact John Gardosik at jgardosik@pa.gov.

Archaeological Resources

No Archaeological Concerns - Environmental Review - No Effect - Archaeological

Based on the information received and available in our files, in our opinion, the proposed project should have No Effect on archaeological resources. Should the scope of the project be amended to include additional ground-disturbing activity and/or should you be made aware of historic property concerns regarding archaeological resources, you will need to reinitiate consultation with our office using PA-SHARE.

For questions concerning archaeological resources, please contact John Gardosik at jgardosik@pa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Emma Diehl". The signature is written in a cursive style with a long horizontal flourish at the end.

Emma Diehl

Environmental Review Division Manager

Application of Pennsylvania-American Water Company – Wastewater Division for Approval of the Right to Offer, Render, Furnish and Supply Wastewater Service to the Public in an Additional Portion of Douglass Township, Berks County, Pennsylvania

Docket No. A-2025-3055740

PAWC's Responses to TUS Set I Data Requests

A-9. Please provide verification of whether the Application is consistent with adopted Douglass Township and Berks County comprehensive plans and zoning ordinances.

Response: Yes, the application is consistent with the adopted Douglass Township and Berks County comprehensive plans and zoning ordinances.

Responsible Witness: Michael Evenson, P.E., - Engineering Project Manager
Pennsylvania-American Water Company – Southeastern
Region

Date: August 1, 2025

VERIFICATION

I, Michael Evenson, P.E., hereby state that the facts set forth in the attached 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.

Michael Evenson

Michael Evenson, P.E., Engineering Project Manager
Pennsylvania-American Water Company

Dated: August 1, 2025

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, Senior Paralegal
Pennsylvania American Water Company

Dated: 8/1/2025