Pennsylvania Department of Environmental Protection

Southcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**New**	Application No.	**PA0282031**
Facility Type	**Industrial**	APS ID	**965155**
Major / Minor	**Minor**	Authorization ID	**1533329**

NPDES PERMIT FACT SHEET
INDIVIDUAL INDUSTRIAL WASTE (IW)

Applicant and Facility Information

Applicant Name	**Transcontinental Gas Pipe Line Co. LLC**	Facility Name	**Northeast Supply Enhancement Project - Quarryville Loop**
Applicant Address	2800 Post Oak Boulevard Suite 600 - Office 1135	Facility Address	Eastern Terminus / Western Terminus
	Houston, TX 77056-6100		Quarryville, PA 17566
Applicant Contact	Joseph Dean	Facility Contact	Joseph Dean
Applicant Phone	(215) 667-9894	Facility Phone	(215) 667-9894
Client ID	163321	Site ID	828827
SIC Code	4619	Municipality	Drumore Township (Outfall 001 and 002) Eden Township (Outfall 003)
SIC Description	Trans. & Utilities - Pipelines, Nec	County	Lancaster
Date Application Received	July 3, 2025	EPA Waived?	Yes
Date Application Accepted	August 29, 2025	If No, Reason	
Purpose of Application	Individual NDPES Industrial Wastewater permit for discharges from hydrostatic testing of pipelines		

Summary of Review

This is a new[1] permit application for the proposed discharges from hydrostatic testing of a new natural gas pipeline.

The facility does not qualify for a PAG-10 NPDES General Permit for discharges from hydrostatic testing of tanks and pipelines since the receiving streams have a Chapter 93 designated use of High Quality (HQ).

Transco is installing a new 10.17 mile 42-inch diameter natural gas pipeline located within Eden, Drumore and East Drumore Townships, Lancaster County along their existing gas pipeline right-of-way. Upon completion of construction, the pipeline will be hydrostatically tested with discharges proposed in both Drumore Township (Outfall 001 and 002) and Eden Township (Outfall 003).

- A total of 2.1 million gallons water is required for the testing. The proposed water withdrawal point is a municipal hydrant owned by PA American Water Company. Water will be hauled from the hydrant to the site and staged within approved project workspace prior to testing.
- The hydrostatic testing will be completed in an eastern and western test section, with discharges proposed at both pipeline ends and at the junction between the eastern and western test sections. Water will be discharged at three outfall locations, where the water will flow through a hydrostatic dewatering structure into a well vegetated upland area. The water will be dechlorinated prior to discharge. The locations indicated for discharge will be used in combination to handle the total 2.1 million gallons.
- The proposed batch/one-time discharge rate for each outfall is 0.96 MGD for 10 hours/day for 6 days.

Figure 1. Overall Topographic Map *(7/3/2025 NPDES Individual Permit app to discharge industrial wastewater, Section 7)*
Figure 2. Topographic Map (Outfall 001) *(7/3/2025 NPDES Individual Permit app to discharge industrial wastewater, Section 7)*
Figure 3. Topographic Map (Outfall 002) *(7/3/2025 NPDES Individual Permit app to discharge industrial wastewater, Section 7)*
Figure 4. Topographic Map (Outfall 003) *(7/3/2025 NPDES Individual Permit app to discharge industrial wastewater, Section 7)*

Approve	Deny	Signatures	Date
x		Brenda J. Fruchtl, P.G. / Licensed Professional Geologist	October 16, 2025
x		*Scott M Arwood* Scott M. Arwood, P.E. / Environmental Engineer Manager	10/16/2025

Summary of Review

Figure 5. Outfall Location Map *(7/3/2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)*
Figure 6. Outfall 001 Site Plan *(7/3/2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)*
Figure 7. Outfall 002 Site Plan *(7/3/2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)*
Figure 8. Outfall 003 Site Plan *(7/3/2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)*

[1]Note: The proposed project has not changed in scope or scale since the 10/29/2018 issuance of NPDES Permit No PA0266744 for this same project. DEP terminated NPDES Permit No PA0266744 on 12/18/2020 in response to a Notice of Termination request received on 11/10/2020 due to the Project having been put on hold at that time.
Transco is reviving the Project at the request of the federal administration and in consideration of the President's Executive Orders, *Declaring a National Energy Emergency* and *Unleashing American Energy,* issued on January 20, 2025.

Review Notes:

- **7/28/2025** – The consultant left a voicemail to provide background information on the submission.
- **7/29/2025** – I responded via email acknowledging the voicemail and receipt of the application via PU 329061
- **9/13/2025** – I returned PU 329061 and sent an email to the consultant and permittee requesting the following information:
    - Final Evidence that the newspaper notifications ran for the 4 consecutive weeks as indicated by the receipt included with the application.
    - Evidence that Drumore Township, Eden Township, and Lancaster County have received your notification. Acceptable forms of this evidence include certified mail receipt or written acknowledgment of the notification from the municipalities and county.
- **9/15/2025** – PU 329061 was resubmitted with the additional items, and I received the requested items via email.

see **Attachment A** for copies of the emails

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001 (Drumore Township)	Design Flow (MGD)	0.96
Latitude	39º 48' 56.51" (39.81569722)	Longitude	-76º 17' 15.38" (-76.28760556)
Wastewater Description:	Non-Process. Hydrostatic Test Water		
Receiving Waters	Wissler Run	Stream Code	7399
NHD Com ID	57471191	RMI	0.6100
Drainage Area*	1.32 mi^2 (USGS StreamStats)	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)*	0.17	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)*	474 (USGS StreamStats Elevation Profile Tool)	Slope (ft/ft)	
Watershed No.	7-K	Chapter 93 Class.	HQ-WWF, MF
Assessed / Attain Use	Aquatic Life Supporting		
Nearest Downstream Public Water Supply Intake	Constellation Energy Generation Peach Bottom		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	---
PWS RMI	3.6 (PA)	Distance from Outfall (mi)	~5

*USGS StreamStats – Pennsylvania (assessed 9/22/2025)

Other Comments: The discharge will flow overland approximately 0.3 miles before reaching Wissler Run.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	002 (Drumore Township)	Design Flow (MGD)	.96
Latitude	39º 51' 2.11" (39.85058611)	Longitude	-76º 13' 30.14" (-76.22503889)
Wastewater Description:	Non-Process. Hydrostatic Test Water		
Receiving Waters	UNT to Fishing Creek	Stream Code	7262
NHD Com ID	57469881	RMI	1.8
Drainage Area*	0.06 mi^2	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)*	0.0014	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	616 (at stream); 655 (Outfall 002) (USGS StreamStats Elevation Profile Tool)	Slope (ft/ft)	
Watershed No.	7-K	Chapter 93 Class.	HQ-CWF, MF
Assessed / Attain Use	Aquatic Life. Impaired		
Source / Cause of Impairment	AGRICULTURE - SILTATION ; HABITAT MODIFICATION - OTHER THAN HYDROMODIFICATION - HABITAT ALTERATIONS		
TMDL Status	Final	Name	Fishing Creek
Causes	SILTATION ; TOTAL SUSPENDED SOLIDS (TSS) ; TURBIDITY		
Nearest Downstream Public Water Supply Intake	Constellation Energy Generation Peach Bottom		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	---
PWS RMI	3.6 (PA)	Distance from Outfall (mi)	~11

*USGS StreamStats – Pennsylvania (assessed 9/29/2025)

Other Comments: The discharge will flow overland approximately 0.25 miles before reaching the UNT to Fishing Creek.

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	003 (Eden Township)	Design Flow (MGD)	.96
Latitude	39º 53' 52.97" (39.89804722)	Longitude	-76º 7' 57.43" (-76.13261944)
Wastewater Description:	Non-Process. Hydrostatic Test Water		
Receiving Waters	Unnamed Tributary to Bowery Run	Stream Code	7059
NHD Com ID	57467803	RMI	0.5200
Drainage Area*	0.5 mi^2	Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)*	0.03	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	529	Slope (ft/ft)	
Watershed No.	7-K	Chapter 93 Class.	HQ-CWF, MF
Assessed / Attain Use	Aquatic Life Impaired		
Source / Cause of Impairment	AGRICULTURE - SILTATION		
TMDL Status	Tentative	Name	Octoraro Creek Watershed TMDL
Nearest Downstream Public Water Supply Intake	PA American Water – Coatesville Water System		
PWS Waters	West Branch Octoraro Creek	Flow at Intake (cfs)	---
PWS RMI	9.1	Distance from Outfall (mi)	~3

*USGS StreamStats – Pennsylvania (assessed 9/29/2025)

Other Comments: The discharge will flow overland less than 0.1 mile before reaching the UNT to Bowery Run.

Treatment Facility Summary

Treatment Facility Name:
Northeast Supply Enhancement Project - Quarryville Loop. Hydrostatic Test Water Dewatering.

A hydrostatic dewatering structure will be placed on a level, well-vegetated upland site, so water will flow away from the structure and work areas. Water will be de-chlorinated through the use of D-Chlor additive. The dewater structure will slow the velocity of discharge water thereby preventing scour and erosion downslope. Water used in the hydrotest will enter the discharge pipe where it will flow into a diversion pipe. The diversion pipe will fill with water. Once full, water will flow out of the diversion pipe into the dewatering structure where it will flow through straw bales before entering a well-vegetated area. The structure will be monitored at all times to regulate flow to ensure the dewatering structure does not fill and overflow.

The hydrostatic dewatering structure is a temporary BMP, used to dissipate energy, that will be removed once the hydrotest discharge is complete. De-chlorination is completed through the use of sodium sulfite (D-Chlor tablets), which reacts with the chlorine, removing it from the water prior to discharge.

D-Chlor max usage rate is proposed at 0.06 grams/Liter for de-chlorination of municipal water.

Figure 9. Hydrostatic Dewatering Structure Detail.

Development of Effluent Limitations

Outfall No. 001, 002, and 003 **Design Flow (MGD)** 0.96
Wastewater Description: Hydrostatic Test Water

Antidegradation All 3 outfalls discharge to a High Quality Watershed.

Module 4 – Antidegradation was completed.

Water will be withdrawn from a hydrant associated with a municipal water source, transmitted through the pipeline during testing and then water will be discharged at the outfall locations, where water will pass through an energy-dissipation device into a well-vegetated upland area. The water will be de-chlorinated prior to discharge.

The locations indicated for discharge will be used in combination to handle the total 2.1 million gallons.

Non-Discharge Alternatives:

1. Alternative project siting is not a viable alternative. The pipeline route is being co-located along existing Transco pipelines to reduce impacts and was considered the most practical and environmentally sensitive approach.

2. Alternative discharge locations are not a feasible alternative because of the location of the eastern and western terminus of the project being located in HQ watersheds. In addition, the hydrotest test section will be split into two sections (near the center of the pipeline) in which the split is also located in an HQ watershed. Transco considered discharging at the Muddy Run Reservoir by pumping to the reservoir. This was not a viable alternative, however, as logistical challenges between Transco and the operators of the facility prevented discharging to the Reservoir. The discharge water will meet the effluent requirements and will not result in impairment to local watersheds.

3. Land application of wastewater will be partially implemented. The discharge water will be land applied, but may reach surface water due to the proximity of the surface waters. Due to the water being clean, treated water, the discharge will not impact the surface waters.

4. Recycling/reuse of the wastewater will be partially implemented. The pipeline will be tested in two portions, using the same water in each section. If the project were not operating in this fashion, approximately double the water volume would be required. Due to the water being a public water source, further reuse for municipal purposes is not an option once pulled from the hydrant.

5. Holding facilities and wastewater hauling off could be feasible in lieu of a discharge to the HQ watersheds because it would avoid discharge of clean, non-contaminated hydrostatic test water to the watersheds. This non-discharge alternative is not cost effective for the proposed project because it would be an increase in construction costs of approximately $525,000 to haul off clean water for disposal. The non-discharge alternative is not any more environmentally sound than the discharge alternative because the water to be discharged shall meet required effluent limits.

Parameters and Monitoring Frequency

Parameters chosen were taken directly from the NPDES PAG-10 General Permit for discharges from hydrostatic testing of tanks and pipelines (effective April 22, 2022) for new tanks and pipelines.

The sampling frequency for all concentration based effluent limits, Dissolved Oxygen, pH, TRC, Total Suspended Solids, Oil and Grease, and Dissolved Iron, and Flow are twice per discharge to ensure the discharge is non-degrading during the entire discharge event.

The sampling frequency for Duration of Discharge and Total Flow (Total Volume, Mgal) discharged are once per discharge since they are measuring a total value for the entire discharge event.

Development of limits:

The limits for Outfalls 001, 002, and 003 are based the antidegradation regulations, which require no measurable change to any receiving streams located in a high-quality watershed from an additional discharge; Implementation Guidance Total Residual Chlorine (TRC) Regulation (BCW 386-2000-011); and best professional judgment.

Total Residual Chlorine (TRC): IMAX = Non Detect (<0.010 mg/L)

- Based on the Implementation Guidance Total Residual Chlorine (TRC) Regulation (BCW 386-2000-011):
  - *1.3.4 Dischargers to Special Protection Waters*
    In accordance with Section 93.5(f)(2) of the TRC regulation, new or additional increased dischargers to EV waters shall dechlorinate their effluents; and where no economic or social justification is demonstrated, all new or increased dischargers to HQ waters shall also dechlorinate their effluents. The NPDES effluent limitation for such discharges shall be specified as "NOT DETECTABLE" using the most sensitive method currently available cited in the 17th edition of Standard Methods: 4500 l E Low Level; Amperometric Titration Method, which reads TRC to 0.010 mg/L. The permittee should be considered in compliance with the "NOT DETECTABLE" TRC effluent limitation if adequate dechlorination facilities are installed, maintained and operated by the permittee and no TRC is detected in the effluent using the above specified test method.

Oil and Grease: IMAX = Non Detect (<5.0 mg/L).

- In order to protect the receiving stream, the discharge must have non-detect values for all non-naturally occurring parameters, which includes Oil and Grease. The result should be less than the 5.0 mg/L Target QL for Oil and grease.

Total Suspended Solids (TSS): IMAX = 10 mg/L**.**

- This is based on technology. According to the Water Quality Antidegradation Implementation Guidance (BCW 391-0300-002) (Antidegradation Guidance), this is considered an achievable number based on antidegradation best available combination of technologies (ABACT). TSS is listed as a naturally occurring parameter in Table 4 of the Antidegradation Guidance document.

Dissolved Iron: IMAX = 1.5 mg/L

- According to the Water Quality Antidegradation Implementation Guidance (BCW 391-0300-002) (Antidegradation Guidance), this is considered an achievable number based on antidegradation best available combination of technologies (ABACT). Iron is listed as a naturally occurring parameter in Table 4 of the Antidegradation Guidance document.

Part A – Effluent Limitations, Monitoring, Recordkeeping and Reporting Requirements

The following Footnotes are proposed for Part A.1:

(1) *(Standard Footnote)* When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.

(2) *(Standard Footnote)* This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

(3) *(copied from PAG-10 General Permit Effective April 22, 2022, Footnote 3)* The permittee shall collect samples at the point of discharge (outfall) prior to the discharge entering the receiving waters. For measurement frequencies of 1/discharge, the permittee shall collect samples within the first 30 minutes of commencing a discharge. For measurement frequencies of 2/discharge, the permittee shall collect one sample at the start of a discharge and one sample at the end of a discharge.

(4) *(Adapted from PAG-10 General Permit Effective April 22, 2022, Footnote 4)* The permittee shall report the average monthly flow at each outfall, in gallons per minute (GPM), for all discharges occurring during the month. The permittee shall measure the flow and the duration of the discharge (in hours) for each discharge and shall report this information to DEP in the Annual Report as specified in Part C II. of this permit. The permittee shall report the total volume discharged each month, in gallons.

(5) *(copied from PAG-10 General Permit Effective April 22, 2022, Footnote 5)* The permittee shall comply with the effluent limitations and monitoring requirements for Total Residual Chlorine (TRC) only when a public water supply or other source of chlorinated water is used in hydrostatic testing.

(6) *(Added to clarify the expected detection limit; this is also the value entered into WMS)* The result should be "NOT DETECTABLE" using the most sensitive method currently available cited in the 17th edition of Standard Methods: 4500 l E Low Level; Amperometric Titration Method, which reads TRC to 0.010 mg/L. (Implementation Guidance Total Residual Chlorine (TRC) Regulation. Document number 386-2000-011)

(7) *(Added to clarify the expected detection limit; this is also the value entered into WMS)* The result should be ND based on the Target QL of 5.0 mg/L for Oil and Grease

The following PART C SPECIAL CONDITIONS are proposed:

***** *Indicates the Special Condition was obtained / adapted from Part C of the PAG-10 NPDES General Permit for Discharges from Hydrostatic Testing of Tanks and Pipelines, effective 4/22/2022.*

^ *Indicates the Special Condition was obtained / adapted from Part A.III.C.1. of the PAG-10 NPDES General Permit for Discharges from Hydrostatic Testing of Tanks and Pipelines, effective 4/22/2022.*

I. OTHER REQUIREMENTS

A. *(Standard)* The approval herein given is specifically made contingent upon the permittee acquiring all necessary property rights by easement or otherwise, providing for the satisfactory construction, operation, maintenance or replacement of all structures associated with the herein approved discharge in, along, or across private property, with full rights of ingress, egress and regress.

B. *(Standard)* Collected screenings, slurries, sludges, and other solids shall be handled, recycled and/or disposed of in compliance with the Solid Waste Management Act (35 P.S. §§ 6018.101 – 6018.1003), 25 Pa. Code Chapters 287, 288, 289, 291, 295, 297, and 299 (relating to requirements for landfilling, impoundments, land application, composting, processing, and storage of residual waste), Chapters 261a, 262a, 263a, and 270a (related to identification of hazardous waste, requirements for generators and transporters, and hazardous waste, requirements for generators and transporters, and hazardous waste permit programs), federal regulation 40 CFR Part 257, The Clean Streams Law, and the Federal Clean Water Act and its amendments. Screenings collected at intake structures shall be collected and managed and not be returned to the receiving waters.

The permittee is responsible to obtain or assure that contracted agents have all necessary permits and approvals for the handling, storage, transport and disposal of solid waste materials generated as a result of wastewater treatment.

C. *(Standard)* If the applicable standard or effluent guideline limitation relating to the application for Best Available Technology (BAT) Economically Achievable or to Best Conventional Technology (BCT) is developed by DEP or EPA for this type of industry, and if such standard or limitation is more stringent than the corresponding limitations of this permit (or if it controls pollutants not covered by this permit), DEP may modify or revoke and reissue the permit to conform with that standard or limitation.

D. *(Copied from PAG-10, Part C. III.B and modified as follows: added Part A.I.C and deleted "General (Permit"))* The permittee shall conduct analysis for any parameter identified in Part A I.A, I.B, and I.C of this Permit using a method that will achieve a quantitation limit at or below the most stringent effluent limitation for the parameter.

E. * *(Copied from PAG-10, Part C. III.C)* The permittee shall manage and dispose of solids, sludges, screenings, slurries and other pollutants removed in the course of treatment or control of wastewaters in accordance with the requirements of the Clean Streams Law, the Solid Waste Management Act, 35 P.S. § 6018.101, et seq., and 25 Pa. Code Chapters 271-285 (relating to municipal waste) and 287-299 (relating to residual waste) in a manner such as to prevent any pollutant from such materials from adversely affecting the environment.

F. * *(Copied from PAG-10, Part C. III.D)* The permittee shall not discharge any other wastewaters such as cleaning wastewaters, tank bottom water, sewage, raw product, etc. to waters of the Commonwealth. The permittee may discharge these other wastewaters to an available sanitary sewer system, if the permittee obtains permission from the owner. If discharge to a local sanitary sewer system is not an option, the permittee shall properly dispose of these other wastewaters off-site, unless otherwise authorized by DEP.

G. * *(Copied from PAG-10, Part C. III.E)* The permittee shall not introduce chemical additives, including but not limited to corrosion inhibitors, bactericides and dyes, into hydrostatic test water unless the permittee completely removes the constituents of such additives from the effluent prior to discharge (i.e., the permittee shall analyze the effluent for the constituents of such additives using the analytical method available that achieves the lowest quantitation limit, and the constituents shall not be detectable). The permittee shall notify DEP prior to introducing chemical additives to the hydrostatic test water.

H. * *(Copied from PAG-10, Part C. III.F)* The permittee shall comply with any applicable requirements of the Storage Tank and Spill Prevention Act (35 P.S. §§ 6021.101 *et seq.*) and 25 Pa. Code Chapter 977 for storage tanks associated with the hydrostatic test discharge approved herein.

II. ^ *(Adapted from PAG-10, Part A. III.C.1)* **ANNUAL REPORT** – The permittee shall submit a complete Annual Report to the DEP office that issued the permit by March 1 each year using DEP's PAG-10 Annual Report template, 3800-PM-BCW0173f. The Annual Report shall address activities under the permit for the previous calendar year. The permittee shall submit the Annual Report electronically if notified by DEP in writing. (25 Pa. Code § 92a.61(g))

III. * *(This entire section was copied from PAG-10, Part C II and modified as follows: removed references to "General" Permit and removed Item C related to Tanks)* **BEST MANAGEMENT PRACTICES (BMPs)**

A. General

1. The permittee shall not discharge in a manner that causes erosion of stream banks or scouring of stream beds. The permittee shall properly direct the discharge of all water discharged so that it does not cause nuisance conditions and does not pool or pond prior to reaching surface waters.

2. The permittee shall implement erosion and sedimentation control practices at the discharge point in accordance with 25 Pa. Code Chapter 102 (relating to Erosion and Sediment Control) and DEP's Erosion and Sediment Pollution Control Program Manual (DEP ID: 363-2134-008).

3. Wherever possible, the permittee shall not use water that has been chlorinated for hydrostatic testing. If no alternatives to chlorinated water exist, the permittee shall retain the water in the tank or pipeline for at least

24 hours prior to discharge and shall sample the water prior to discharge to confirm that the Total Residual Chlorine limits in Part A of this Permit will be achieved. Dechlorination of discharges may be required.

4. If the permittee withdraws water from a stream to conduct its hydrostatic testing, the permittee shall not withdraw a volume of water that exceeds 25% of the Harmonic Mean Flow of the stream at the time of withdrawal. The permittee shall not discharge a volume of test water that increases the volume of the receiving stream by more than 25% downstream regardless of the source of the test water. The permittee shall not dewater the stream to the extent that downstream users, including aquatic life, are impacted during pipe filling operations. The permittee shall prevent the impingement and entrainment of fish when withdrawing water from surface waters.

5. The permittee shall limit the volume to be discharged to the lowest possible rate to minimize any potential impact on aquatic life and to reduce the potential for erosion. In addition, the permittee shall avoid withdrawals and discharges during critical stream conditions such as low flow, trout stocking season, spawning seasons, recreational seasons, etc. The permittee shall not discharge to trout stocked streams from March 1 to June 15, unless consulting with Pennsylvania Fish and Boat Commission (PFBC). The listing of trout stock streams can be found on the PFBC's website: www.fishandboat.com.

6. The permittee shall clean all existing tanks and pipelines prior to hydrostatic testing and discharge. The permittee shall collect wastewaters and solids from the cleaning process and shall transport them to an authorized disposal facility.

7. The permittee shall not discharge hydrostatic test water into a combined sewer system or a separate sanitary sewer.

8. The permittee shall develop and implement a Preparedness, Prevention and Contingency (PPC) Plan in accordance with 25 Pa. Code § 91.34 following the guidance contained in DEP's "Guidelines for the Development and Implementation of Environmental Emergency Response Plans" (DEP ID 400-2200-001), and its NPDES-specific addendum. The permittee shall evaluate and, if necessary, update the PPC Plan on an annual basis, at a minimum, and when one or more of the following occur:

   a. The PPC Plan fails in an emergency;

   b. A change in design, industrial process, operation, maintenance, or other circumstance occurs in a manner that materially increases the potential for fires, explosions or releases of toxic or hazardous constituents; or which changes the response necessary in an emergency;

   c. The list of emergency coordinators or equipment changes; or

   d. When notified in writing by DEP.

   The PPC Plan must be maintained on-site at the location of hydrostatic testing and be made available to DEP upon request.

B. Hydrostatic Testing of Pipelines

Unless an alternative BMP is proposed in the application and approved by DEP, the permittee shall place hay bales in a circular fashion at the discharge point with oil absorbent pads and a decant pipe for sampling purposes. The permittee shall install an energy dissipater in the containment areas and shall line the bottom of the containment areas with an impermeable material.

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Outfall 002, and Outfall 003 Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum Measurement Frequency (2), (3)	Required Sample Type
	Total Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (GPM) (4)	Report Avg Mo	Report Daily Max	XXX	XXX	XXX	XXX	2/discharge	Measured
Total Flow (Total Volume, Mgal) (4)	Report	XXX	XXX	XXX	XXX	XXX	1/discharge	Calculation
Duration of Discharge (hours) (4)	Report	XXX	XXX	XXX	XXX	XXX	1/discharge	Measured
pH (S.U.)	XXX	XXX	6.0 Min	XXX	XXX	9.0	2/discharge	Grab
DO	XXX	XXX	5.0 Min	XXX	XXX	XXX	2/discharge	Grab
TRC (5)	XXX	XXX	XXX	Report	XXX	ND (6)	2/discharge	Grab
TSS	XXX	XXX	XXX	Report	XXX	10.0	2/discharge	Grab
Oil and Grease	XXX	XXX	XXX	Report	XXX	ND (7)	2/discharge	Grab
Dissolved Iron	XXX	XXX	XXX	Report	XXX	1.5	2/discharge	Grab

Compliance Sampling Location: Outfall

Footnotes

(1) When sampling to determine compliance with mass effluent limitations, the discharge flow at the time of sampling must be measured and recorded.

(2) This is the minimum number of sampling events required. Permittees are encouraged, and it may be advantageous in demonstrating compliance, to perform more than the minimum number of sampling events.

(3) The permittee shall collect samples at the point of discharge (outfall) prior to the discharge entering the receiving waters. For measurement frequencies of 1/discharge, the permittee shall collect samples within the first 30 minutes of commencing a discharge. For measurement frequencies of 2/discharge, the permittee shall collect one sample at the start of a discharge and one sample at the end of a discharge.

(4) The permittee shall report the average monthly flow at each outfall, in gallons per minute (GPM), for all discharges occurring during the month. The permittee shall measure the flow and the duration of the discharge (in hours) for each discharge and shall report this information to DEP in the Annual Report as specified in Part C. II of this permit. The permittee shall report the total volume discharged each month, in gallons.

(5) The permittee shall comply with the effluent limitations and monitoring requirements for Total Residual Chlorine (TRC) only when a public water supply or other source of chlorinated water is used in hydrostatic testing.

(6) The result should be “NOT DETECTABLE” using the most sensitive method currently available cited in the 17th edition of Standard Methods: 4500 l E Low Level; Amperometric Titration Method, which reads TRC to 0.010 mg/L. (Implementation Guidance Total Residual Chlorine (TRC) Regulation. Document number 386-2000-011)

(7) The result should be ND based on the Target QL of 5.0 mg/L for Oil and Grease

Tools and References Used to Develop Permit	
☐	WQM for Windows Model (see Attachment)
☐	Toxics Management Spreadsheet (see Attachment)
☐	TRC Model Spreadsheet (see Attachment)
☐	Temperature Model Spreadsheet (see Attachment)
☐	Water Quality Toxics Management Strategy, 361-0100-003, 4/06.
☐	Technical Guidance for the Development and Specification of Effluent Limitations, 386-0400-001, 10/97.
☐	Policy for Permitting Surface Water Diversions, 386-2000-019, 3/98.
☐	Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 386-2000-018, 11/96.
☐	Technology-Based Control Requirements for Water Treatment Plant Wastes, 386-2183-001, 10/97.
☐	Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 386-2183-002, 12/97.
☐	Pennsylvania CSO Policy, 386-2000-002, 9/08.
☒	Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03.
☐	Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 386-2000-008, 4/97.
☐	Determining Water Quality-Based Effluent Limits, 386-2000-004, 12/97.
☐	Implementation Guidance Design Conditions, 386-2000-007, 9/97.
☐	Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 386-2000-016, 6/2004.
☐	Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 386-2000-012, 10/1997.
☐	Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 386-2000-009, 3/99.
☐	Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 386-2000-015, 5/2004.
☐	Implementation Guidance for Section 93.7 Ammonia Criteria, 386-2000-022, 11/97.
☐	Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 386-2000-013, 4/2008.
☒	Implementation Guidance Total Residual Chlorine (TRC) Regulation, 386-2000-011, 11/1994.
☐	Implementation Guidance for Temperature Criteria, 386-2000-001, 4/09.
☐	Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 386-2000-021, 10/97.
☐	Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 386-2000-020, 10/97.
☐	Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 386-2000-005, 3/99.
☐	Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 386-2000-010, 3/1999.
☐	Design Stream Flows, 386-2000-003, 9/98.
☐	Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 386-2000-006, 10/98.
☐	Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 386-3200-001, 6/97.
☐	Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07.
☐	SOP:
☐	Other:

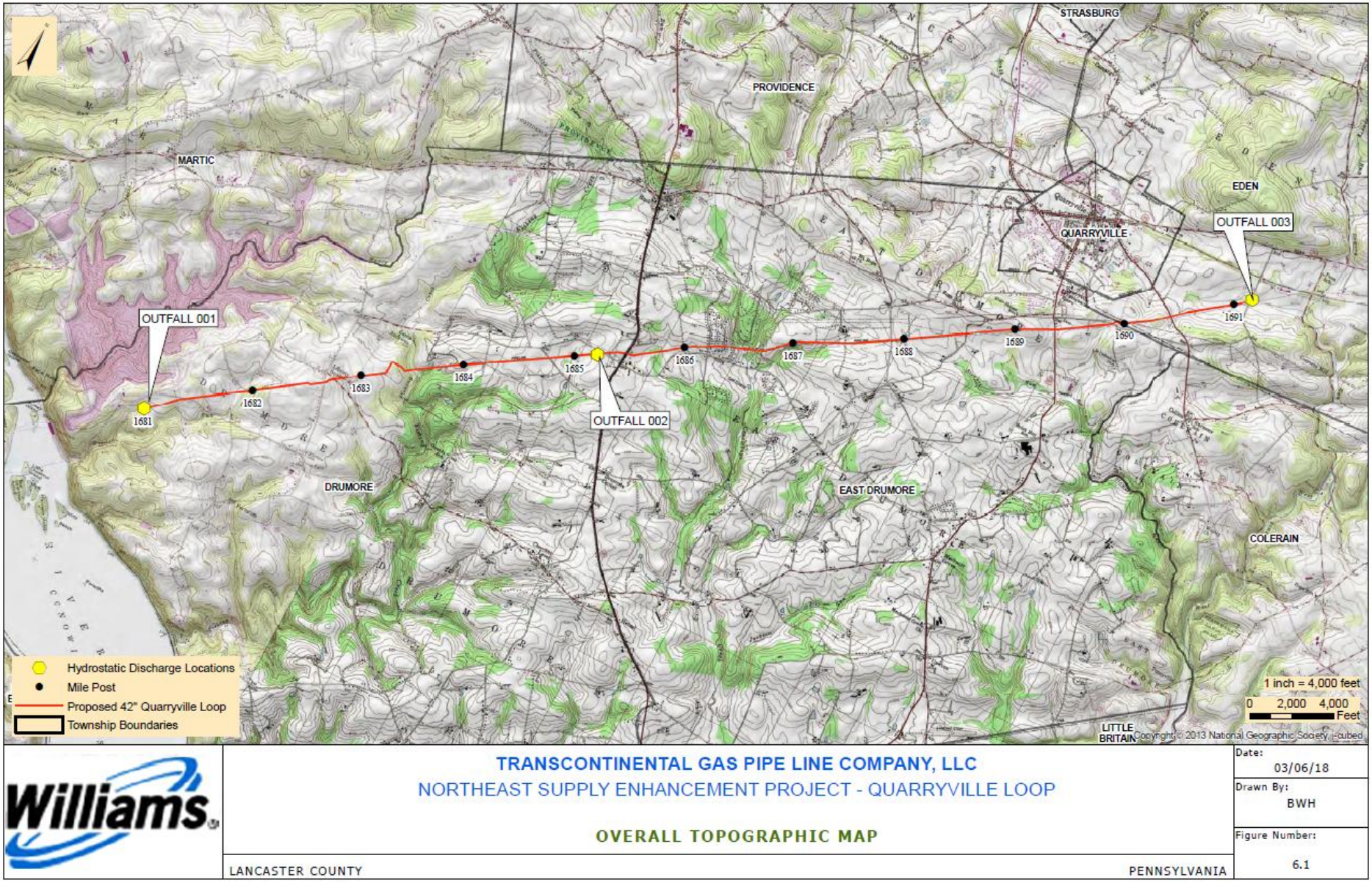

Figure 1. Overall Topographic Map (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 6)

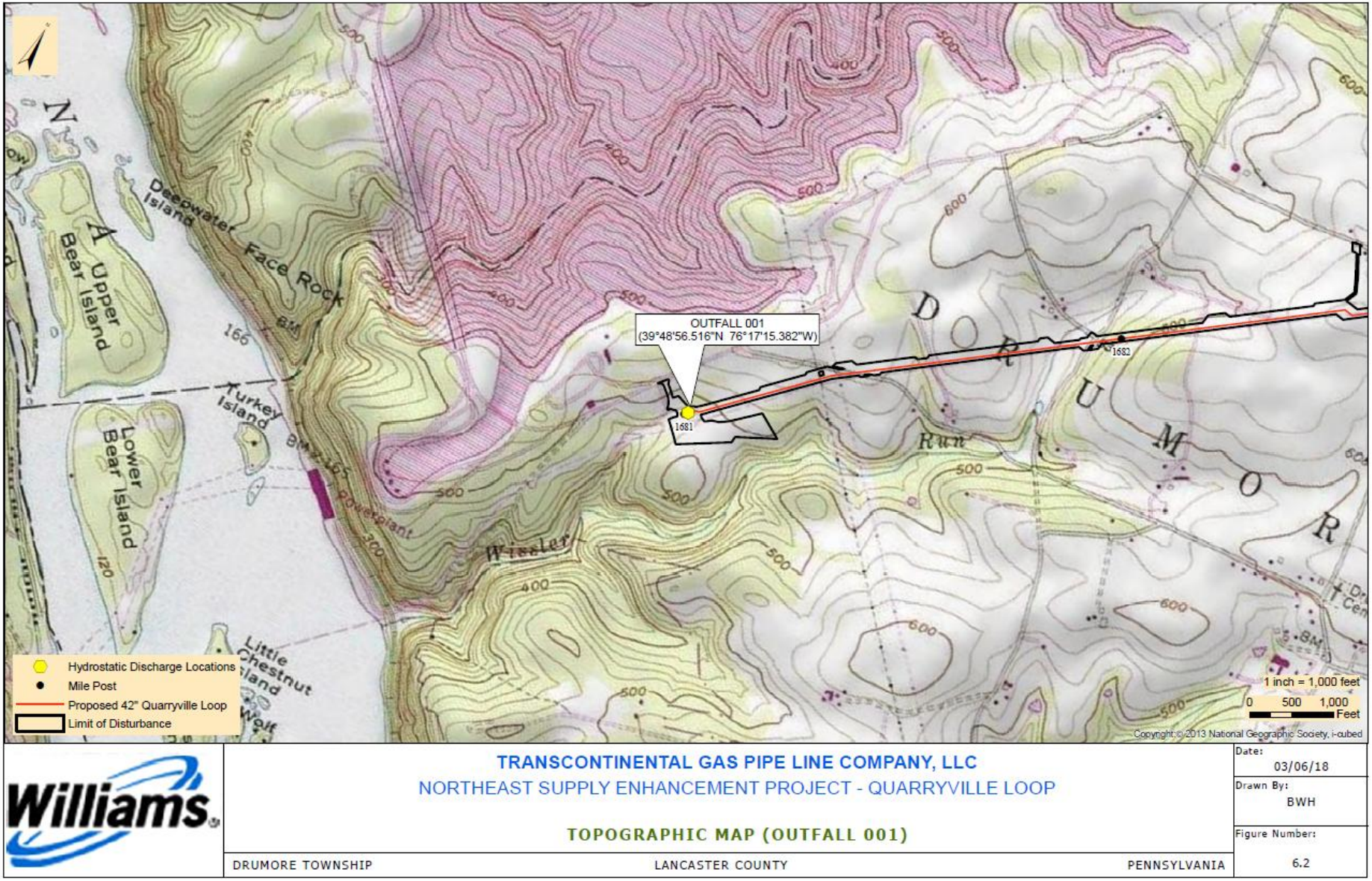

Figure 2. Topographic Map (Outfall 001). (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 6)

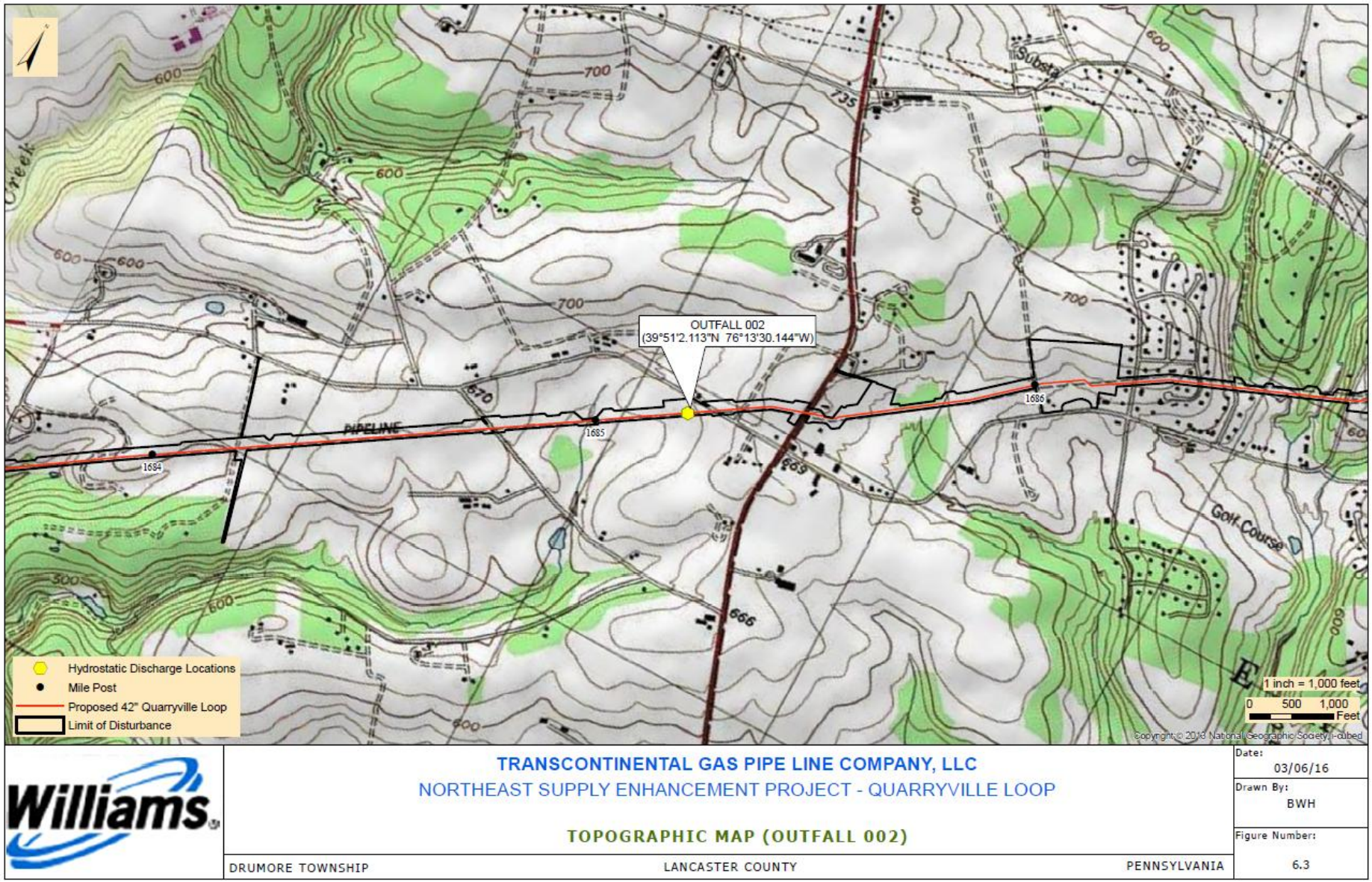

Figure 3. Topographic Map (Outfall 002). (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 6)

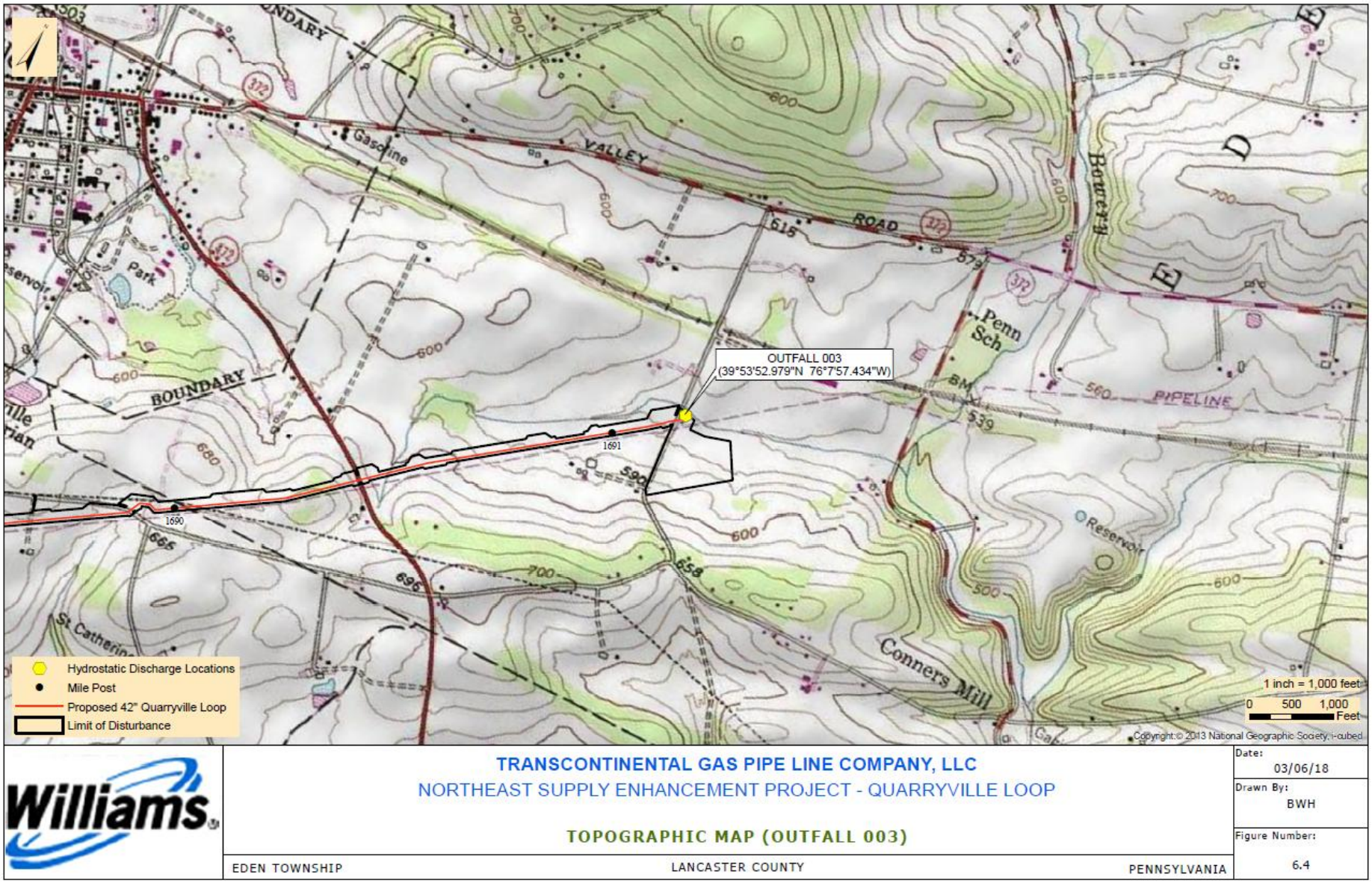

Figure 4. Topographic Map (Outfall 003). (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 6)

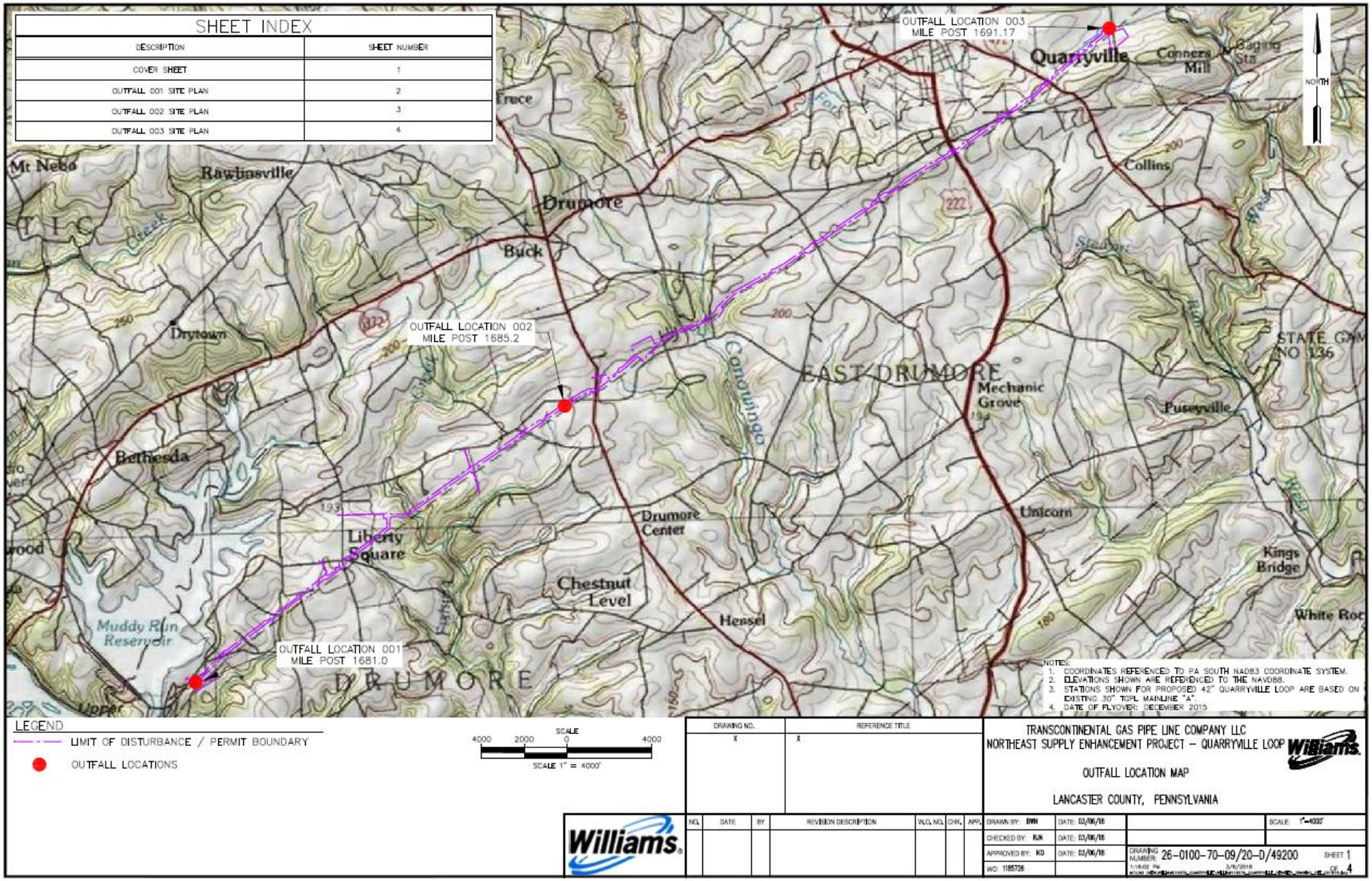

Figure 5. Outfall Location Map showing all 3 outfalls (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)

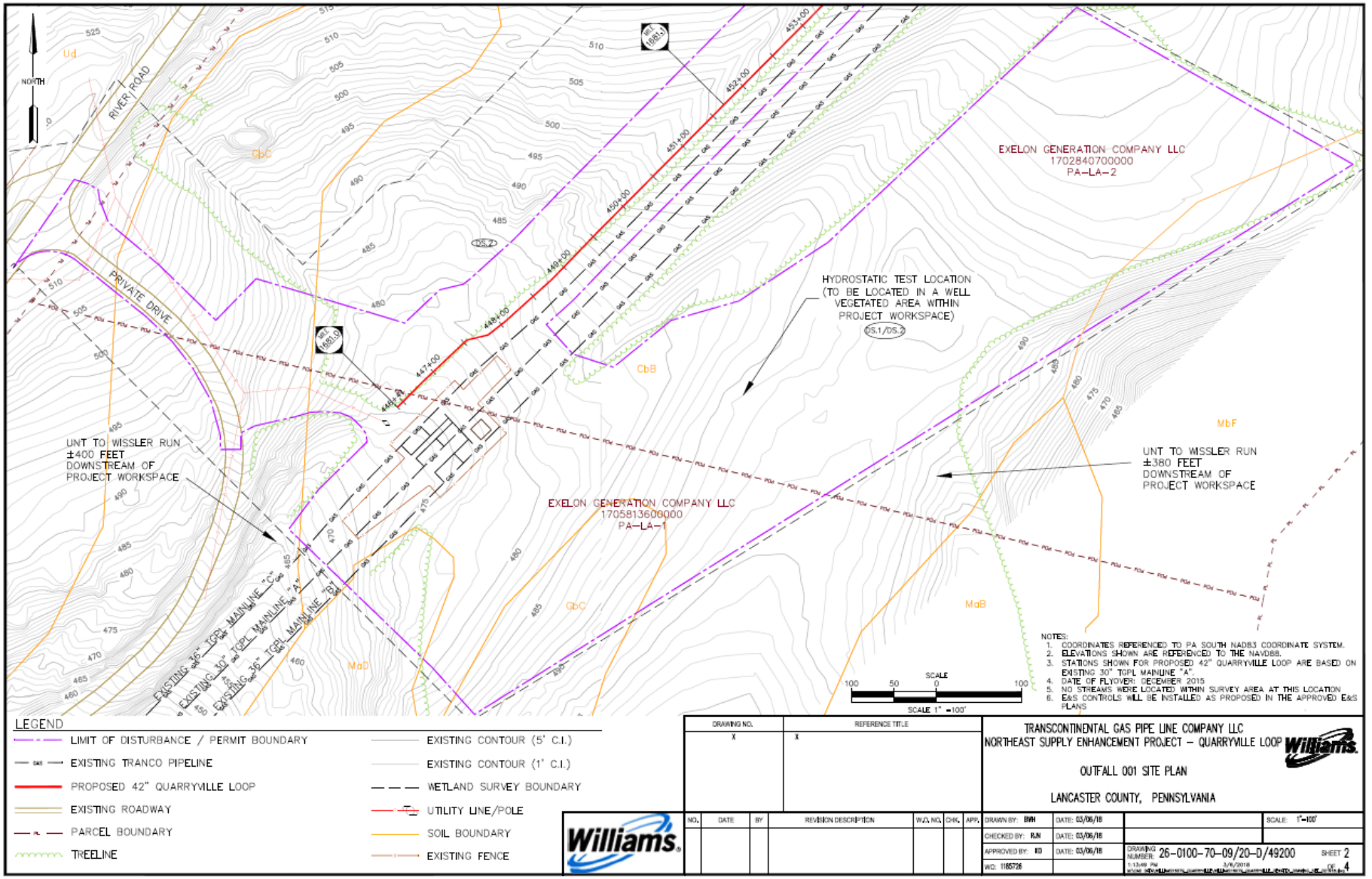

Figure 6. Outfall 001 Site Plan (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)

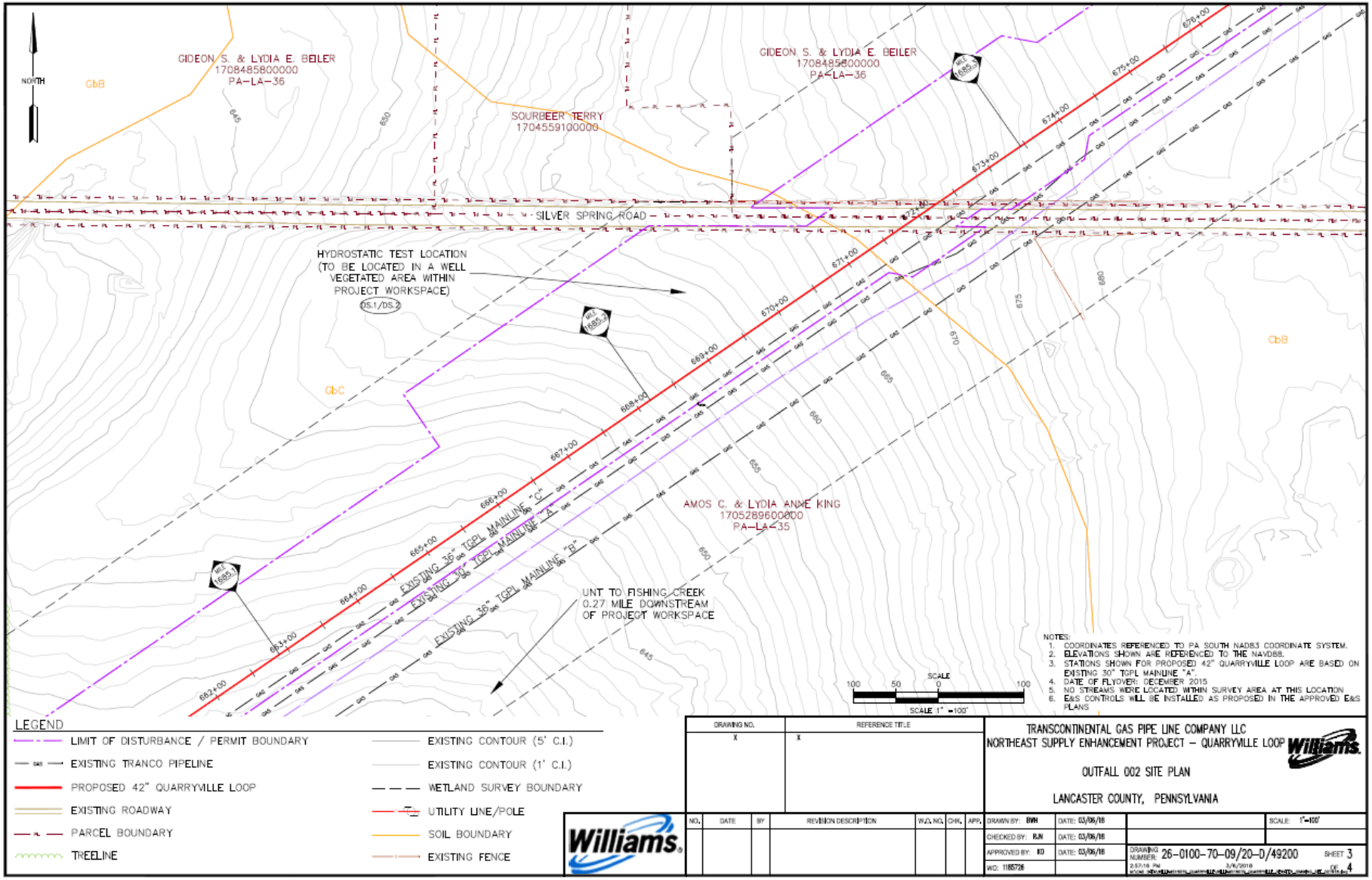

Figure 7. Outfall 002 Site Plan (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)

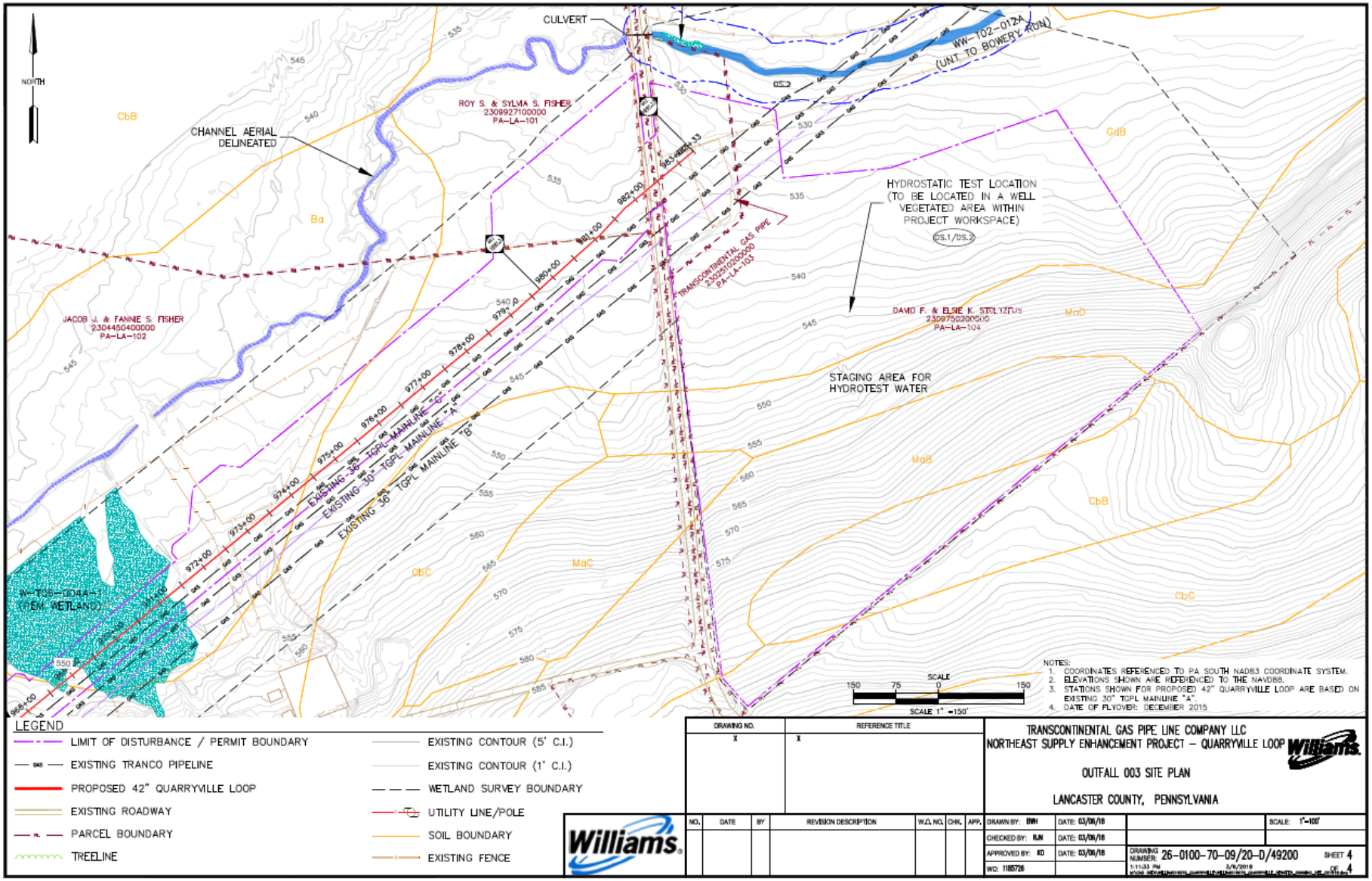

Figure 8. Outfall 003 Site Plan (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Section 7)

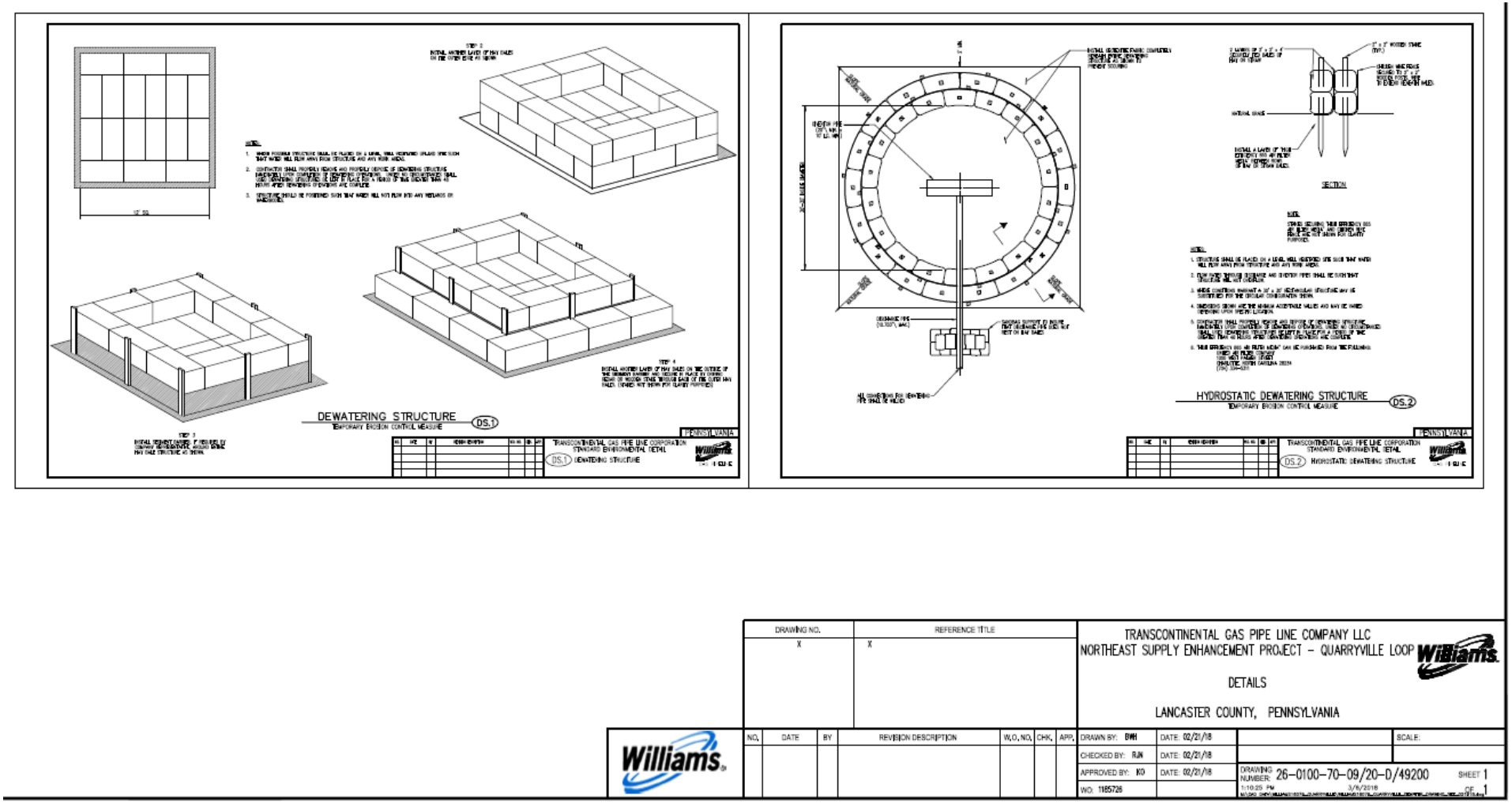

Figure 9. HYDROSTATIC DEWATERING STRUCTURE DETAIL (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Appendix A). See Figures 9a and 9b for enlarged images

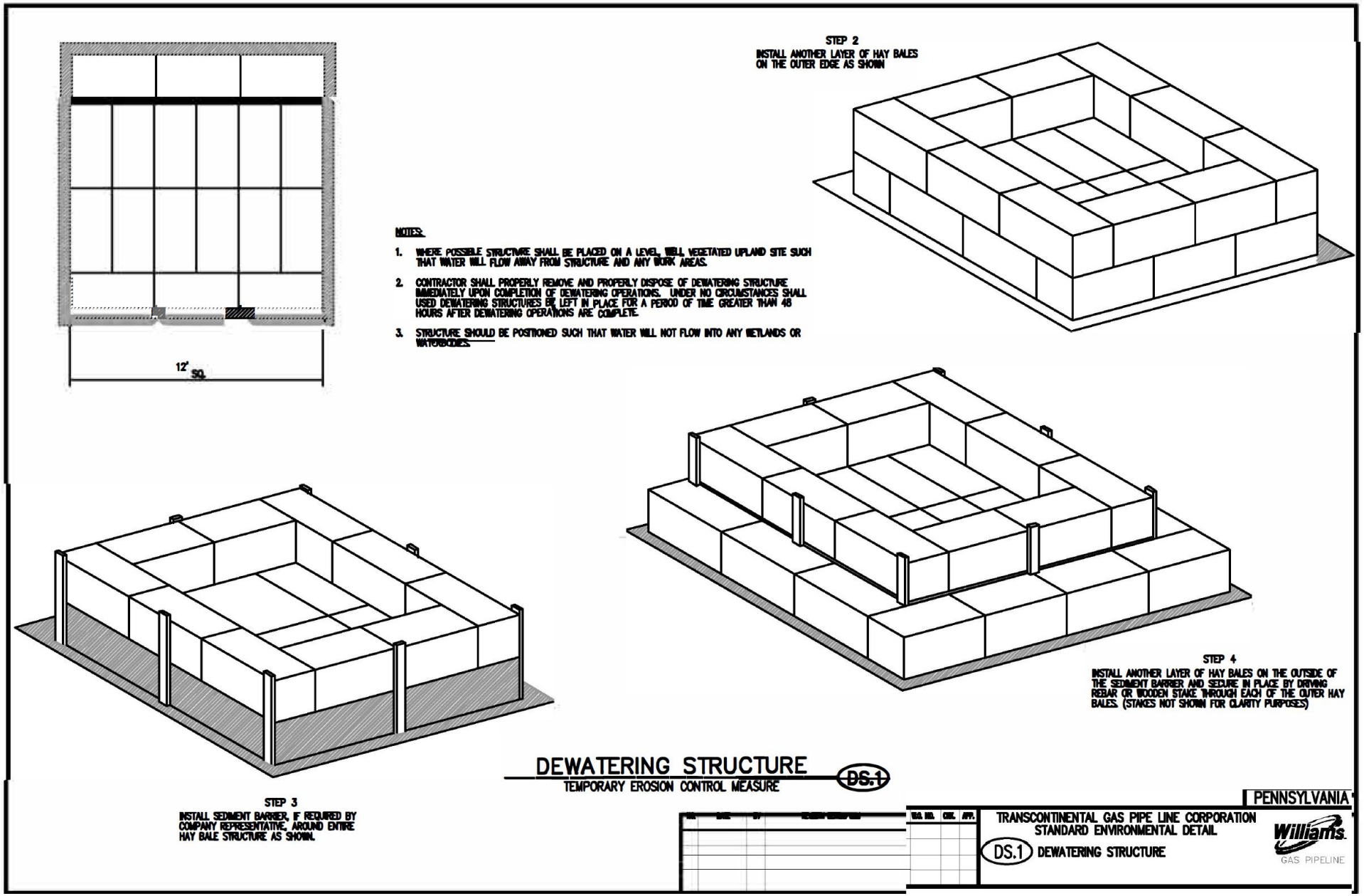

Figure 9a. Enlarged Dewatering Structure DS.1. HYDROSTATIC DEWATERING STRUCTURE DETAIL (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Appendix A)

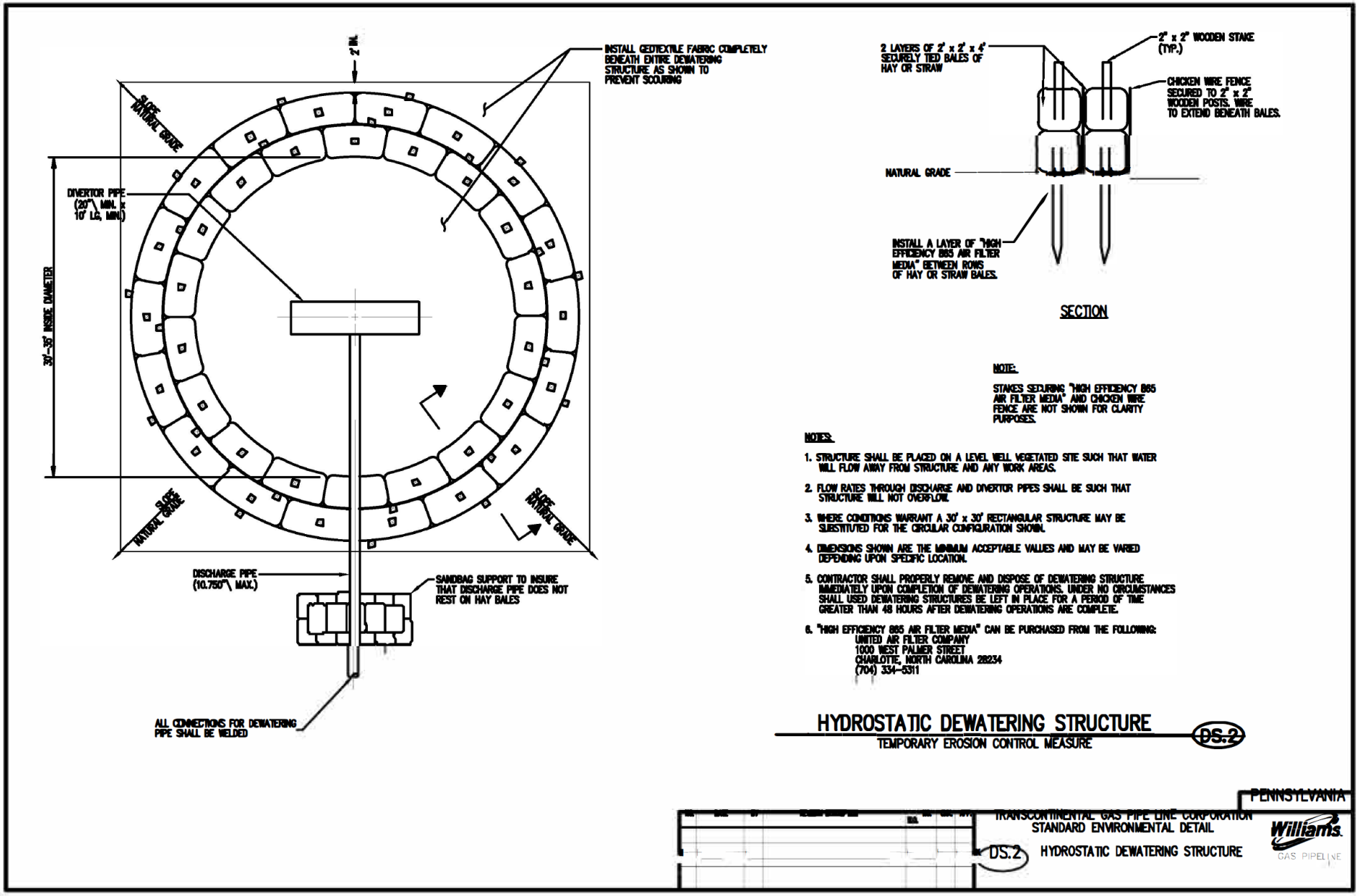

Figure 9b. Enlarged Hydrostatic Dewatering Structure DS.2. HYDROSTATIC DEWATERING STRUCTURE DETAIL (July 3, 2025 NPDES Individual Permit application to discharge industrial wastewater, Appendix A)

ATTACHMENT A. **Correspondence** (p. 1 of 3)

From: Brewster, Heather
To: Fruchtl, Brenda
Cc: Arwood, Scott; Bebenek, Maria; joseph.dean@williams.com
Subject: [External] RE: Request for submission of additional items. RE: Individual NPDES Permit Application. Transco NE Supply Enhancement Project - Quarryville Loop. Drumore Twp, Lancaster Co. PA0282031 PUP 329061
Date: Monday, September 15, 2025 5:04:40 PM
Attachments: ePermitting Submission_09152025.pdf

__ATTENTION:__ This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the Report Phishing button in Outlook.

Brenda,

Attached is evidence of submission of the requested items. To date we have received ACT 14 responses from both Eden Township and Lancaster County with a response pending from Drumore Twp, but have provided evidence of the FEDEX delivery as accepted by them. And I also provided the notarized publication showing the evidence of the 4-week run for the newspaper notice. Any other questions please just let me know.

Thank you ~Heather Brewster
610-234-0381 (direct line) / 215-869-4137 (mobile)

From: Fruchtl, Brenda <bfruchtl@pa.gov>
Sent: Saturday, September 13, 2025 4:39 PM
To: Brewster, Heather <Heather.Brewster@aecom.com>
Cc: Arwood, Scott <sarwood@pa.gov>; Bebenek, Maria <mbebenek@pa.gov>; joseph.dean@williams.com
Subject: Request for submission of additional items. RE: Individual NPDES Permit Application. Transco NE Supply Enhancement Project - Quarryville Loop. Drumore Twp, Lancaster Co. PA0282031 PUP 329061

Good Afternoon Heather,

I am working on my review.

Please upload the following items as a resubmission to your initial Public Upload Reference No 329061 (using PIN 117284), which I returned for resubmission to make it easier to attach.

- Final Evidence that the newspaper notifications ran for the 4 consecutive weeks as indicated by the receipt included with the application.
- Evidence that Drumore Township, Eden Township, and Lancaster county have received your notification. Acceptable forms of this evidence include certified mail receipt or written acknowledgment of the notification from the municipalities and county.

(Attachment A. p.2 of 3)

I will be in touch if I require any further information or have questions.

Brenda Fruchtl, P.G.
DEP - SCRO | Clean Water Program - Permitting
Ph: 717.705.4812

From: Brewster, Heather <Heather.Brewster@aecom.com>
Sent: Tuesday, July 29, 2025 3:55 PM
To: Fruchtl, Brenda <bfruchtl@pa.gov>
Cc: Arwood, Scott <sarwood@pa.gov>; Bebenek, Maria <mbebenek@pa.gov>; joseph.dean@williams.com
Subject: [External] RE: Response to VM. RE: Individual NPDES Permit Application. Transco NE Supply Enhancement Project - Quarryville Loop. Drumore Twp, Lancaster Co. PA0282031

Thank you Brenda. I will await your review. Though I will note that we do have the certified newspaper notice now that I can send and some ACT 14 Twp responses, but won't send unless you are fine receiving them now or prefer to wait until you have your review underway.

Also, noting that Williams is in close coordination with the PADEP RIPCO office for their review of the CH 102 E&S and CH 105 wetland/stream encroachment applications, as Transco strives for receipt of those permits by August 29th to align with Q4 2025 commencement of construction. This project is in support of the federal administration in consideration of the President's Executive Orders, *Declaring a National Energy Emergency* and *Unleashing American Energy*, issued on January 20, 2025.

If there are any questions or you would like a meeting to walk through anything, please just let me now and happy to set something up.

Thank you ~Heather Brewster
610-234-0381 (direct line) / 215-869-4137 (mobile)

From: Fruchtl, Brenda <bfruchtl@pa.gov>
Sent: Tuesday, July 29, 2025 2:24 PM
To: Brewster, Heather <Heather.Brewster@aecom.com>
Cc: Arwood, Scott <sarwood@pa.gov>; Bebenek, Maria <mbebenek@pa.gov>; joseph.dean@williams.com
Subject: Response to VM. RE: Individual NPDES Permit Application. Transco NE Supply Enhancement Project - Quarryville Loop. Drumore Twp, Lancaster Co. PA0282031

Good Afternoon Heather.

(Attachment A. p.3 of 3)

I am reaching out in response to the voicemail you left for me yesterday. On 7/3/2025, DEP received the submission for a New Minor IW without ELG permit for Transcontinental Gas Pipe Line Company, LLC's Northeast Supply Enhancement Project - Quarryville Loop, Drumore and Eden Townships, Lancaster County.
The submission has been assigned to me to review. It has been assigned Permit No PA0282031.
I have not had an opportunity to look at the application in much detail. It's helpful to know that the discharge and scope is similar to the activities previously covered by NPDES Permit No PA0266744 issued on 10/29/2018 (and terminated on 12/18/2020).
I will be in contact if I have questions or need more information when I begin the technical review.

Thank you

Brenda Fruchtl, P.G. | Licensed Professional Geologist
Department of Environmental Protection | Clean Water Program
Southcentral Regional Office Building
909 Elmerton Avenue | Harrisburg, PA 17110
Phone: 717.705.4812 | Fax: 717.705.4760
www.dep.pa.gov

24-hour toll free Emergency Response number for SCRO: 1-800-541-2050

DEP is now accepting permit and authorization applications as well as many other documents via public upload including electronic payments, if applicable. For more information on submitting documents to DEP, go to Home (pa.gov)