

September 5, 2025

PA Department of Environmental Protection
Attn: Rebecca M. Albert, P.G., Environmental Group Manager
400 Market Street
Harrisburg, PA 17101

Subject: Technical Deficiency Letter
E&S Permit Application No. ESP830025001-00
APS No. 1139477; AUTH ID No. 1530808
Transcontinental Gas Pipe Line Company, LLC
Northeast Supply Enhancement Project - Quarryville Loop
Drumore, East Drumore, Eden & Bart Townships, Lancaster County

Dear Ms. Albert,

On behalf of Transcontinental Gas Pipe Line Company, LLC (Transco), AECOM is responding to the technical deficiency comments received from the PA Department of Environmental Protection (PADEP) and Lancaster County Conservation District in an email dated September 3, 2025, regarding the filed application for construction activities for the proposed Quarryville Loop a new natural gas pipeline. The comments are specific to that portion of the application within Drumore, East Drumore, Eden, and Bart Townships, in Lancaster County.

On behalf of Transco, AECOM is hereby providing a response to those comments put forward by PADEP. This letter presents our responses (in unbold text) to the comments in support of our updated application materials submitted to PADEP and the Lancaster County Conservation District for further review.

- 1. Original Comment 23: The drainage area to the sediment traps was not able to be located on the E&S plan drawings or supporting calculations. Provide a schematic which delineates and labels the drainage area of the sediment traps, consistent with the drainage area listed in Standard E&S Worksheet #19. [25 Pa Code § 102.4(b)(5)(viii)].**

A Drainage Area map for the three sediment traps has been created and is included in this submission as Item 1 Quarryville Drainage Area CFS Drawing. Diversion berms DIV-1686A and DIV-1686B were designed to direct flow to these sediment traps and the supporting calculations have been provided under cover within the Item 2 Updated E&S Calculations document. For Flume Pipe FP-1985.94B a supporting drainage area map and calculations have been updated since additional area from DIV-1686A is routed to this area. The supporting items for this flume pipe are provided under cover within the Item 3 Flume Pipe FP1985.94B Drainage Maps and Calculations document. The E&S Plan has been updated for these two additional diversion berms and supporting rip-rap aprons A-4 and A-5.

2. **Original Comment 32: For each proposed riprap apron, provide entries in E&S Worksheet #20 with supporting calculations for Q and V and provide completed Standard Construction Details 9-1 or 9-2 from the PA Erosion Control Program Manual on the E&S plans. [25 Pa Code § 102.4(b)(5)(viii), 102.11(a)(1)].**

Please address the following:

- **Riprap apron RPA A-3 is not labeled on the plan drawings.**
- **Supporting calculations were not located for the values of Q and V listed in Worksheet #20.**
- **The initial apron width (Aiw) listed in Worksheet #20 and in the construction detail on the plans should be 3 times the pipe diameter – this does not appear to be the case for all the riprap aprons.**

Proposed Riprap Apron RPA A-3, and the addition of RPA A-4 and A-5 have been labeled on the E&S Plan.

Worksheet #20 has been updated to correct Aiw, and includes new aprons A-4 and A-5. For channels and berms, flow width was calculated using pipe diameter equivalent to cross-sectional area at flow depth from Worksheet #11, or 2' minimum, whichever is greater. These worksheets are provided within the Item 2 Updated E&S Calculations document.

Previously submitted Worksheets #9, #10 and #11 have been included again for aprons A-2 and A-3. New worksheets #9, #10 and #11 are provided for aprons A-4 and A-5. An updated table has been provided on the Riprap Apron detail (RPA) on sheet 27 of the E&S Plan to address the Aiw comment and the addition of A-4 and A-5. These worksheets are provided within the Item 2 Updated E&S Calculations document.

This submittal has been provided to PADEP via electronic submission, with one hard copy sent via FedEx overnight to the attention of the Lancaster County Soil Conservation District. Transco has endeavored to provide a complete response to all information requested in the PADEP's September 3, 2025 email. Should the PA DEP have any additional questions regarding the proposed Project and the submitted materials, please contact the undersigned at (610) 234-0381 or at heather.brewster@aecom.com. Thank you for your assistance.

Yours sincerely,



Heather L. Brewster
Senior Project Manager
heather.brewster@aecom.com

Enclosures

cc: Joseph Dean – Transco
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